



Lenovo XClarity Administrator Messages Reference



Version 4.0.0

First Edition (February 2023)

© Copyright Lenovo 2015, 2023.

LIMITED AND RESTRICTED RIGHTS NOTICE: If data or software is delivered pursuant a General Services Administration "GSA" contract, use, reproduction, or disclosure is subject to restrictions set forth in Contract No. GS-35F-05925.

Contents

Contents i

**Chapter 1. Events and alerts from
and XClarity Administrator. 1**
List of XClarity Administrator events 2

Chapter 2. List of chassis events . . .691

**Chapter 3. Events and alerts from
ThinkAgile, ThinkEdge, ThinkSystem,
System x, Flex System, Converged HX
Series, and NeXtScale servers and
compute nodes693**

**Chapter 4. Events and alerts from
ThinkServer servers699**
ThinkServer events that automatically notify
Support 699
List of ThinkServer events 702

**Chapter 5. List of Lenovo ThinkSystem
SR635 and SR655 events827**
Lenovo ThinkSystem SR635 and SR655 events
that automatically notify Support 827

**Chapter 6. Events and alerts from
Lenovo Storage devices829**
Lenovo Storage events that automatically notify
Support 830
List of Lenovo Storage events 831

**Chapter 7. Events and alerts from
rack switches1261**
List of Lenovo RackSwitch events 1262
List of switch SNMP trap events 1264
Noticesmclclxxxiii
Trademarksmclclxxxiv

Chapter 1. Events and alerts from and XClarity Administrator

From the web interface, you can view information about all management-server and hardware-related events and alerts that are raised or collected by the Lenovo XClarity Administrator. These messages are listed in events or alerts log.

The following information is provided for each event message.

Event identifier

A string that uniquely identifies the event or class of events. This is a 12-character string in the following format.

FQXHM*ccnnns*

where:

- *cc* identifies the component where the event originated. XClarity Administrator events use the following component IDs.
 - **CN.** Console
 - **CP.** Configuration patterns
 - **CR.** Virtual appliance
 - **DI.** Discovery and device management
 - **DM.** Data management
 - **EM.** Events and monitoring
 - **FC.** Operating-system deployment
 - **JM.** Jobs management
 - **MF.** Metric data collection and forwarders
 - **MI.** Data migration
 - **NM.** Network management
 - **RC.** Remote Control
 - **SE.** Security
 - **SP.** Switch ports
 - **SS.** Service and support
 - **ST.** Storage management
 - **TS.** ThinkServer management
 - **UP.** Updates
- *nnn* identifies the specific message.
- *s* identifies the severity, as follows.
 - **I.** Information. No action is required
 - **F.** Warning. No action is required
 - **G.** Warning. Action can be deferred
 - **H.** Warning (minor). Action can be deferred
 - **J.** Warning (minor). Immediate action is required
 - **K.** Critical. Action can be deferred
 - **L.** Critical. Immediate action is required
 - **M.** Critical. Immediate action is required
 - **N.** Critical. Immediate action is required

Arguments

A description of each substitution variable, such as *[arg1]* or *[arg2]*, that is included in the event description.

Severity

An indication of the level of concern for the condition, as follows.

- **Informational.** The event was recorded for audit purposes. This is usually a user action or a change of states that is normal behavior.
- **Warning.** The event is not as severe as an error, but if possible, the condition should be corrected before it becomes an error. It might also be a condition that requires additional monitoring or maintenance.
- **Critical.** The event is a failure or critical condition that impairs service or an expected function.

Alert Category

Alerts are grouped into categories, such as Audit -- User Action.

Serviceable with log

An indication of whether an action (either by you or by Lenovo Support) is required to correct the problem.

Automatically Notify Support

An indication of whether a service ticket is opened automatically, and diagnostic files are transferred to the Lenovo Support Center for this event if Call Home is configured and enabled in XClarity Orchestrator or the resource managers.

User Action

The actions to perform to solve the event.

Perform the steps in the order shown until the problem is solved. If the problem is not resolved after performing all recommended actions, contact Lenovo Support.

List of XClarity Administrator events

This section lists all XClarity Administrator events that can be viewed in the XClarity Administrator event log or audit log.

- **FQXHM0001J Unknown message.**

Explanation

The message is unknown.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHM0002J The user name cannot be resolved.**

Explanation

The user is not logged in.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Log in before doing a request.

- **FQXHM0003J The user name is not valid.**

Explanation

The user name is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Log in before doing a request.

- **FQXHM0004J The POST request was not valid.**

Explanation

The requested parameters are not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the documentation for the format of the parameters.

- **FQXHM0005J The PUT request was not valid.**

Explanation

The requested parameters are not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the documentation for the format of the parameters.

- **FQXHM0006J Invalid request parameters.**

Explanation

The Request parameters are not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the documentation to see how the parameters should be.

- **FQXHM0007J Invalid URL path.**

Explanation

The URL path is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Read the documentation in order to find the right URL path.

- **FQXHM0008J The list of countries for the specific language is not valid.**

Explanation

There is no translation for the requested language.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Read the documentation in order to find the list of supported languages.

- **FQXHMCP1105I Pattern [arg1] was deployed to [arg2].**

Explanation

A deployment of a server or chassis pattern has completed.

Arguments

[arg1] Pattern name

[arg2] Server or chassis name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP1110I Pattern [arg1] deployment started.**

Explanation

A deployment of a server or chassis pattern has started.

Arguments

[arg1] Pattern name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP1115J Pattern [arg1] failed to deploy on [arg2].**

Explanation

The pattern could not be deployed to the specified server or chassis.

Arguments

[arg1] Pattern name

[arg2] Server or chassis name

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the job log for this job to determine the cause of the issue and to resolve it.

- **FQXHMCP1135I Profile [arg1] redeployment has started.**

Explanation

A redeployment of a server or chassis profile has started.

Arguments

[arg1] Profile name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP1145I Profile [arg1] was redeployed to [arg2].**

Explanation

A server or chassis profile was redeployed.

Arguments

[arg1] Profile name

[arg2] Server or chassis name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP1155J Profile [arg1] could not be redeployed to [arg2].**

Explanation

The profile could not be redeployed to the specified server or chassis.

Arguments

[arg1] Profile name

[arg2] Server or chassis name

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the job log for this redeployment to determine the cause of the issue and to resolve it.

- **FQXHMCP1165I Profile [arg1] was unassigned from [arg2].**

Explanation

The profile is no longer associated with the specified server or chassis.

Arguments

[arg1] Profile name

[arg2] Server or chassis name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP1175J Profile [arg1] could not be unassigned from [arg2].**

Explanation

The specified profile could not be unassigned. It is still assigned to the specified target.

Arguments

[arg1] Profile name

[arg2] Server or chassis name

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation. If the problem persists, contact Support.

- **FQXHMCP1180J Server configuration profile *[arg1]* is non-compliant.**

Explanation

The server's configuration settings do not match the assigned configuration profile.

Arguments

[arg1] Profile name

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check compliance details in Server Profiles page. Redeploy the configuration profile, if needed.

- **FQXHMCP1185J Server configuration profile *[arg1]* is non-compliant.**

Explanation

The server's configuration settings do not match the assigned configuration profile.

Arguments

[arg1] Profile name

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check compliance details in Server Profiles page. Redeploy the configuration profile, if needed.

- **FQXHMCP1190J The server configuration non-compliant alert was deserted for profile *[arg1]*.**

Explanation

A critical alert was deserted on the specified device.

Arguments

[arg1] Profile name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP1205I Failover from server [arg1] to standby server [arg2] has completed.**

Explanation

The profile from the failed server has been redeployed successfully to the standby server.

Arguments

[arg1] Failed server name

[arg2] Standby server name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP1210I [arg1] failover from server [arg2] to standby server [arg3] has started.**

Explanation

Failover from the failed server to the standby server started.

Arguments

[arg1] Failover type (Automatic or Manual)

[arg2] Failed server name

[arg3] Standby server name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

The VLAN settings on the attached switch are not copied automatically. They will need to be migrated manually.

- **FQXHMCP1215M Failover from server [arg1] to standby server [arg2] was not successful.**

Explanation

The profile for the failed server could not be redeployed to the standby server.

Arguments

[arg1] Failed server name

[arg2] Standby server name

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the job log for this job to determine the cause of the issue and to resolve it.

- **FQXHMCP1255M No standby servers were available in pool [arg1] for failover for server [arg2].**

Explanation

The selected standby server pool does not have available servers matching the form factor of the failed server.

Arguments

[arg1] Standby server pool name

[arg2] Failed server name

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Make sure that the selected standby server pool contains a server with a form factor that matches the failed server. Then, perform the failover again if you are attempting a manual failover.

- **FQXHMCP1275J Standby pool [arg1] has no servers available for failover.**

Explanation

At least one available server must be present in the standby server pool. This standby pool no longer has available servers for failover.

Arguments

[arg1] Standby pool

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Add at least one available server to the standby server pool.

- **FQXHMCP1300I Local storage is being reset to the default configuration.**

Explanation

The job to reset local storage settings to the default configuration has started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP1305I Local storage has been reset to the default configuration.**

Explanation

The job to reset local storage settings to a default configuration has completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP1315J Local storage could not be reset to the default configuration.**

Explanation

The job to reset local storage to the default configuration could not be completed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the internal RAID firmware for the selected node is at level 10.00.11.00 or higher. Then, verify node connectivity by making sure that the compute node status is normal from the Compute Nodes page in the management server user interface.

- **FQXHMCP1400I The Intel Optane DC Persistence Memory security operation is in progress.**

Explanation

Security operation is in progress.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5100I User [arg1] created pattern [arg2].**

Explanation

The specified pattern was created.

Arguments

[arg1] User name

[arg2] Pattern name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5105J Pattern name [arg1] is already in use.**

Explanation

The specified pattern was not created because the name is already in use.

Arguments

[arg1] Pattern name

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Choose a name that has not already been used and create the pattern again.

- **FQXHMCP5110I [arg1] deployed existing pattern [arg2].**

Explanation

An existing pattern was deployed.

Arguments

[arg1] The user that did the action

[arg2] The pattern name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5120I User [arg1] edited pattern [arg2].**

Explanation

The specified pattern was edited.

Arguments

[arg1] User name

[arg2] Pattern name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5125J Pattern [arg1] was not found.**

Explanation

The specified pattern was not found.

Arguments

[arg1] Pattern name

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

The pattern might have been deleted. Review the event log for deletion messages.

- **FQXHMCP5130I User [arg1] copied pattern [arg2].**

Explanation

The specified pattern was copied.

Arguments

[arg1] User name

[arg2] Original pattern name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5140I User [arg1] renamed pattern [arg2].**

Explanation

The specified pattern was renamed.

Arguments

[arg1] User name

[arg2] Original pattern name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5150I User [arg1] deleted pattern [arg2].**

Explanation

The specified pattern was deleted.

Arguments

[arg1] User name

[arg2] Pattern name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5240I User [arg1] renamed profile [arg2].**

Explanation

The specified profile was renamed.

Arguments

[arg1] User name

[arg2] Original profile name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5250I User [arg1] deleted profile [arg2].**

Explanation

The specified profile was deleted.

Arguments

[arg1] User name

[arg2] Profile name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5260I User [arg1] deployed profile [arg2].**

Explanation

The specified profile was deployed.

Arguments

[arg1] User name

[arg2] Profile name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5300I User [arg1] created address pool [arg2].**

Explanation

The specified address pool was created.

Arguments

[arg1] User name

[arg2] Address pool name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5305J Address pool name [arg1] is already in use.**

Explanation

The specified address pool name is already in use.

Arguments

[arg1] Address pool name

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Choose a name that has not already been used and create the address pool again.

- **FQXHMCP5320I User [arg1] edited address pool [arg2].**

Explanation

The specified address pool was edited.

Arguments

[arg1] User name

[arg2] Address pool name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5325J Address pool [arg1] was not found.**

Explanation

The specified address pool was not found.

Arguments

[arg1] Address pool name

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

The address pool might have been deleted. Review the event log for deletion messages.

- **FQXHMCP5330I User [arg1] copied address pool [arg2].**

Explanation

The specified address pool was copied.

Arguments

[arg1] User name

[arg2] Original address pool name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5340I User [arg1] renamed address pool [arg2].**

Explanation

The specified address pool was renamed.

Arguments

[arg1] User name

[arg2] Original address pool name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5350I User [arg1] deleted address pool [arg2].**

Explanation

The specified address pool was deleted.

Arguments

[arg1] User name

[arg2] Address pool name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5400I User [arg1] created standby pool [arg2].**

Explanation

The specified standby server pool was created.

Arguments

[arg1] User name

[arg2] Standby pool name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5405J Standby pool name [arg1] is already in use.**

Explanation

The specified standby pool name is already in use.

Arguments

[arg1] Standby pool name

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Choose a name that has not already been used and create the standby pool again.

- **FQXHMCP5420I User [arg1] edited standby pool [arg2].**

Explanation

The specified standby server pool was edited.

Arguments

[arg1] User name

[arg2] Standby pool name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5425J Standby pool [arg1] was not found.**

Explanation

The specified standby pool was not found.

Arguments

[arg1] Standby pool name

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

The standby pool might have been deleted. Review the event log for deletion messages.

- **FQXHMCP5430I User [arg1] copied standby pool [arg2].**

Explanation

The specified standby server pool was copied.

Arguments

[arg1] User name

[arg2] Standby pool name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5440I User [arg1] renamed standby pool [arg2].**

Explanation

The specified standby server pool was renamed.

Arguments

[arg1] User name

[arg2] Standby pool name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5450I User [arg1] deleted standby pool [arg2].**

Explanation

The specified standby server pool was deleted.

Arguments

[arg1] User name

[arg2] Standby pool name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5500I User [arg1] created placeholder chassis [arg2].**

Explanation

The specified placeholder chassis was created.

Arguments

[arg1] User name

[arg2] Placeholder chassis name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5505J Placeholder chassis name [arg1] is already in use.**

Explanation

The specified placeholder chassis name is already in use.

Arguments

[arg1] Placeholder chassis name

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Choose a name that has not already been used and create the placeholder chassis again.

- **FQXHMCP5520I User *[arg1]* edited placeholder chassis *[arg2]*.**

Explanation

The specified placeholder chassis was edited.

Arguments

[arg1] User name

[arg2] Placeholder chassis name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5525J Placeholder chassis *[arg1]* was not found.**

Explanation

The specified placeholder chassis was not found.

Arguments

[arg1] Placeholder chassis name

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

The placeholder chassis might have been deleted. Review the event log for deletion messages.

- **FQXHMCP5530I User *[arg1]* copied placeholder chassis *[arg2]*.**

Explanation

The specified placeholder chassis was copied.

Arguments

[arg1] User name

[arg2] Placeholder chassis name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5540I User [arg1] renamed placeholder chassis [arg2].**

Explanation

The specified placeholder chassis was renamed.

Arguments

[arg1] User name

[arg2] Placeholder chassis name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5550I User [arg1] deleted placeholder chassis [arg2].**

Explanation

The specified placeholder chassis was deleted.

Arguments

[arg1] User name

[arg2] Placeholder chassis name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5600I User [arg1] created policy [arg2].**

Explanation

The specified policy was created.

Arguments

[arg1] User name

[arg2] Policy name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5605J Policy name [arg1] is already in use.**

Explanation

The specified policy name is already in use.

Arguments

[arg1] Policy name

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Choose a name that has not already been used and create the policy again.

- **FQXHMCP5620I User [arg1] edited policy [arg2].**

Explanation

The specified policy was edited.

Arguments

[arg1] User name

[arg2] Policy name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5625J Policy [arg1] was not found.**

Explanation

The specified policy was not found.

Arguments

[arg1] Policy name

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

The policy may have been deleted. Review the event log for deletion messages.

- **FQXHMCP5630I User [arg1] copied policy [arg2].**

Explanation

The specified policy was copied.

Arguments

[arg1] User name

[arg2] Policy name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5640I User [arg1] renamed policy [arg2].**

Explanation

The specified policy was renamed.

Arguments

[arg1] User name

[arg2] Policy name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5650I User [arg1] deleted policy [arg2].**

Explanation

The specified policy was deleted.

Arguments

[arg1] User name

[arg2] Policy name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5700I User [arg1] started failover monitoring for [arg2] using standby pool [arg3] and failover policy [arg4].**

Explanation

Failover monitoring was started on the selected server.

Arguments

[arg1] User name

[arg2] Server name

[arg3] Standby pool name

[arg4] Failover policy name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5710I User [arg1] restarted failover monitoring for [arg2].**

Explanation

Failover monitoring was restarted on the selected server.

Arguments

[arg1] User name

[arg2] Server name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5720I User [arg1] edited failover monitoring for [arg2].**

Explanation

Failover monitoring was edited on the selected server.

Arguments

[arg1] User name

[arg2] Server name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5730I User [arg1] performed a failover to standby server [arg2].**

Explanation

A failover was started from a failed server to a standby server.

Arguments

[arg1] User name

[arg2] Server name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5750I User [arg1] stopped failover monitoring for [arg2].**

Explanation

Failover monitoring was stopped on the selected server.

Arguments

[arg1] User name

[arg2] Server name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5760I User [arg1] removed failover monitoring for [arg2].**

Explanation

Failover monitoring was removed from the selected server.

Arguments

[arg1] User name

[arg2] Server name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5770I User [arg1] started all failover monitoring.**

Explanation

Failover monitoring was started on all valid servers.

Arguments

[arg1] User name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5780I User [arg1] restarted all failover monitoring.**

Explanation

Failover monitoring was restarted on all monitored servers.

Arguments

[arg1] User name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCP5790I User [arg1] stopped all failover monitoring.**

Explanation

Failover monitoring was stopped on all monitored servers.

Arguments

[arg1] User name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCR0001W The IP address was changed on interface [arg1].**

Explanation

One of the appliance's IP addresses was changed.

Arguments

[arg1] Network interface name.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Regenerate the security certificates.

- **FQXHMCR0002I Job [arg1] was updated**

Explanation

A component has updated the status of a job

Arguments

[arg1] Job number

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCR0003I The web service is now available for general use.**

Explanation

All pages and servlets have been registered and are now available for use.

Arguments

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

N/a

- **FQXHMCR0004I The rest api is now available for general use.**

Explanation

All servlets have been registered and are now available for use.

Arguments

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

N/a

- **FQXHMCR0005I The management server date and time were changed by user [arg1] at IP address [arg2].**

Explanation

The date and time have been changed on the management server by the user.

Arguments

[arg1] user

[arg2] ipaddress

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMCR0006I The management server date and time were not successfully changed by user [arg1] at IP address [arg2].**

Explanation

The date and time change operation on the management server was not successfully completed. Verify the inputted info and retry the operation.

Arguments

[arg1] user

[arg2] ipaddress

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMC0007I Management server date and time is synchronized to the NTP server.**

Explanation

The date and time on the management server is synchronized to the NTP server.

Arguments

[arg1] user

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMC0008I Management server date and time is not synchronized to the NTP server.**

Explanation

The date and time on the management server is not synchronized to the NTP server. This might occur if the NTP server synchronization is disabled or if the NTP server is not connected to or is not accessible in the network.

Arguments

[arg1] user

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

If NTP server synchronization is enable, check whether the NTP server is connected to or is accessible in the network.

- **FQXHMC0011I User [arg1] at IP address [arg2] mounted the sshfs mount point - [arg3].**

Explanation

A sshfs mount point was mounted in the Lenovo XClarity administrator.

Arguments

[arg1] user

[arg2] ipaddress

[arg3] mount point

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; If this is as expected, no action is required. Otherwise, contact your security officers.

- **FQXHMC0012I User [arg1] at IP address [arg2] un-mounted the sshfs mount point - [arg3].**

Explanation

A sshfs mount point was un-mounted in the Lenovo XClarity administrator.

Arguments

[arg1] user

[arg2] ipaddress

[arg3] mount point

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; If this is as expected, no action is required. Otherwise, contact your security officers.

- **FQXHMC0013I User [arg1] at IP address [arg2] import server [arg3] host key.**

Explanation

An import of sshfs mount server host key into Lenovo XClarity administrator succeeded.

Arguments

[arg1] user

[arg2] ipaddress

[arg3] serveripaddress

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; If this is as expected, no action is required. Otherwise, contact your security officers.

- **FQXHMCR0014I User *[arg1]* at IP address *[arg2]* failed to mount sshfs mount point *[arg3]*.**

Explanation

An request to mount a sshfs mount in the Lenovo XClarity administrator failed.

Arguments

[arg1] user

[arg2] ipaddress

[arg3] mount point

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; If this is as expected, no action is required. Otherwise, contact your security officers.

- **FQXHMCR0015I User *[arg1]* at IP address *[arg2]* failed to un-mount sshfs mount point *[arg3]*.**

Explanation

An request to un-mount a sshfs mount in the Lenovo XClarity administrator failed.

Arguments

[arg1] user

[arg2] ipaddress

[arg3] mount point

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; If this is as expected, no action is required. Otherwise, contact your security officers.

- **FQXHMCR0020I User [arg1] at IP address [arg2] successfully enabled [arg3] service in the Lenovo XClarity Administrator.**

Explanation

An request to enable a Lenovo XClarity Administrator service succeeded.

Arguments

[arg1] user

[arg2] ipaddress

[arg3] service

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; If this is as expected, no action is required. Note: This is normally done as part of enabling OS deployment and OS driver updates functions.

- **FQXHMCR0021I User [arg1] at IP address [arg2] successfully disabled [arg3] service in the Lenovo XClarity Administrator.**

Explanation

An request to disable a Lenovo XClarity Administrator service succeeded.

Arguments

[arg1] user

[arg2] ipaddress

[arg3] service

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; If this is as expected, no action is required. Note: This is normally done as part of disabling OS deployment and OS driver updates functions.

- **FQXHMCR0022I User [arg1] at IP address [arg2] failed to enable [arg3] service in the Lenovo XClarity Administrator.**

Explanation

An request to enable a Lenovo XClarity Administrator service failed.

Arguments

[arg1] user

[arg2] ipaddress

[arg3] service

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; If this is as expected, no action is required.

- **FQXHMCR0023I User *[arg1]* at IP address *[arg2]* failed to disable *[arg3]* service in the Lenovo XClarity Administrator.**

Explanation

An request to disable a Lenovo XClarity Administrator service failed.

Arguments

[arg1] user

[arg2] ipaddress

[arg3] service

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; If this is as expected, no action is required.

- **FQXHMCR0024I The XClarity Administrator properties file contains invalid key values.**

Explanation

The XClarity Administrator runtime properties file(s) contains one or more invalid key values. The problem was detected during XClarity Administrator startup.

Arguments

[arg1] user

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

XClarity Administrator will run with default settings. Collect full XClarity Administrator ffdc immediately. At your earliest convenience, contact Lenovo support to report the problem.

- **FQXHMCR0030I User [arg1] successfully enable [arg2] service watchdog monitoring in the Lenovo XClarity Administrator.**

Explanation

The status of the request to enable watchdog monitoring on a Lenovo XClarity Administrator service.

Arguments

[arg1] userid

[arg2] service_name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; If this is as expected, no action is required. This is normally done as part of enabling OS deployment and OS driver updates functions.

- **FQXHMCR0031I User [arg1] unsuccessfully enable [arg2] service watchdog monitoring in the Lenovo XClarity Administrator.**

Explanation

The status of the request to enable watchdog monitoring on a Lenovo XClarity Administrator service.

Arguments

[arg1] userid

[arg2] service_name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; This is normally done as part of enabling OS deployment and OS driver updates functions. Lenovo XClarity Administrator will attempt to enable the failed watchdog monitoring service in the next virtual appliance reboot. Until then, the stated service will not be automatically restarted in the event of it stops.

- **FQXHMCR0032I User [arg1] successfully disable [arg2] service watchdog monitoring in the Lenovo XClarity Administrator.**

Explanation

The status of the request to disable watchdog monitoring on a Lenovo XClarity Administrator service.

Arguments

[arg1] userid

[arg2] service_name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; If this is as expected, no action is required. This is normally done as part of disabling OS deployment and OS driver updates functions.

- **FQXHMCR0033I User [arg1] unsuccessfully disable [arg2] service watchdog monitoring in the Lenovo XClarity Administrator.**

Explanation

The status of the request to disable watchdog monitoring on a Lenovo XClarity Administrator service.

Arguments

[arg1] userid

[arg2] service_name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; This is normally done as part of disabling OS deployment and OS driver updates functions. Lenovo XClarity Administrator will not attempt to disable the stated service and its watchdog monitoring service until the next virtual appliance reboot.

- **FQXHMCR0103J Call home service is unavailable for the moment due to a loss of connectivity**

Explanation

Call Home is not in a working state

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the appliance's connection to the internet

- **FQXHMCR0104I Call home service connectivity has been restored**

Explanation

Call Home connectivity has been restored

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDE0001G A trap alert destination subscription failure occurred when user {0} managed server {1}**

Explanation

This will cause the management server to not receive events from managed server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Log into the managed storage's user interface for this storage, and add the management server IP address into the Set Up Notification to receive notifications.

- **FQXHMDE0001I User {0} started management of storage {1}.**

Explanation

The management of the storage has been requested by user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDE0002G A trap alert destination unsubscription failure occurred when user {0} unmanaged server {1}**

Explanation

This will cause the management server to continue to receive events on this server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Log into the managed storage's user interface for this storage, and remove the management server IP.

- **FQXHMDE0003G Inventory data could not be retrieved from the endpoint {0}**

Explanation

The attempt to retrieve the most updated inventory data has failed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check to ensure there are no connectivity issues to the endpoint.

- **FQXHMDE0010G The SSL/TLS certificate provided by the {0} endpoint is not valid.**

Explanation

The operation performed to the server failed due to an SSL certificate error.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

The SSL/TLS certificate provided by the endpoint is not valid.

- Restarting the system's Management on Storage Controllers the certificate is regenerated.

- **FQXHMDI0001I User [arg1] unmanaged chassis with UUID [arg2] (IP: [arg3]).**

Explanation

Chassis has been removed from Management

Arguments

[arg1] User that unmanage the chassis

[arg2] Chassis UUID

[arg3] Chassis ip

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDI0002I User [arg1] has managed chassis with UUID [arg2] (IP: [arg3])**

Explanation

Chassis has been put under management

Arguments

[arg1] userid

[arg2] Chassis UUID

[arg3] Chassis ip

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDI0003G A CIM subscription failure occurred after user *[arg1]* unmanaged chassis with UUID *[arg2]* (IP: *[arg3]*).**

Explanation

Although the chassis is no longer managed, the CIM subscription is still in place. The management server will continue to receive events on this chassis.

Arguments

[arg1] user

[arg2] Chassis UUID

Severity

Warning

Serviceable with log

Customer

Automatically Notify Support

No

User Action

Log into the CMM CLI user interface. Then execute the following command: `cimsub -clear all -T mm [p]`. This will clear all CIM subscription to this chassis.

- **FQXHMDI0004G The NTP server on chassis *[arg2]* could not be reset after user *[arg1]* unmanaged it.**

Explanation

The chassis will continue to use the management server NTP, instead of the NTP server specified in the CMM.

Arguments

[arg1] User

[arg2] UUID of chassis

Severity

Warning

Serviceable with log

Customer

Automatically Notify Support

No

User Action

Log into the CMM user interface for this chassis, navigate to Mgt Module Management to properties to the menu for Date and Time, and correct the NTP server information

- **FQXHMDI0005G The request by user [arg1] to unmanage chassis with UUID [arg2] (IP: [arg3]) failed.**

Explanation

The management server was not able to successfully complete all the steps necessary to unmanage the target device. The target device may be left in a strange state and require manual resetting.

Arguments

[arg1] user

[arg2] uuid of chassis

Severity

Warning

Serviceable with log

Customer

Automatically Notify Support

No

User Action

[{ "text" : [{ "text" : "Log into the CMM CLI using the RECOVERY_ID user account and the password that you defined when the endpoint was first managed. Then, run the following command: ", "format" : [] }, { "text" : "read -f unmanage", "format" : ["bold"] }, { "text" : ". This command removes centralized management (managed authentication) on the CMM. Inspect and repair other configuration as needed. For more information, see", "format" : [] }, { "text" : "Recovering a chassis that was not unmanaged correctly", "format" : ["link"], "link" : "chassis_manage.html" }, { "text" : ".", "format" : [] }, "format" : ["cdata"] }] }

- **FQXHMDI0006G The request by user [arg1] to manage chassis with UUID [arg2] (IP [arg3]) failed to setup failure on the management server.**

Explanation

The management server was unable to setup properly for management.

Arguments

[arg1] user

[arg2] uuid of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Correct any data that is incorrectly entered when requesting the management. Then retry the request to manage.

- **FQXHMDI0007G The request by user [arg1] to manage chassis [arg2] failed due to login lockout on the chassis.**

Explanation

The login for the chassis is locked out.

Arguments

[arg1] user

[arg2] uuid of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Fix login issue on the chassis and retry management.

- **FQXHMDI0008G The request by user [arg1] to manage chassis [arg2] failed due to login failure to the chassis.**

Explanation

The management server can not authenticate with credentials given by user.

Arguments

[arg1] user

[arg2] uuid of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify login credentials to the chassis and that the system is up. Then retry management of the chassis.

- **FQXHMDI0009G The request by user [arg1] to manage chassis with UUID [arg2] (IP [arg3]) failed due to connection issues.**

Explanation

The management server was unable to setup the connections necessary for management.

Arguments

[arg1] user

[arg2] uuid of chassis

[arg3] ip of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify the network connections on the chassis. Then retry management of the chassis.

- **FQXHMDI0010G The request by user [arg1] to manage chassis with UUID [arg2] (IP [arg3]) resulted in no action, because it is already being managed.**

Explanation

The management server is already managing this chassis.

Arguments

[arg1] user

[arg2] uuid of chassis

[arg3] ip of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify information for chassis to ensure the data is correctly entered.

- **FQXHMDI0011G The request by user [arg1] to manage chassis [arg2] did not complete due to a failure during inventory collection.**

Explanation

The management server was unable to retrieve the inventory for this chassis.

Arguments

[arg1] user

[arg2] uuid of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0012G The request by user [arg1] to manage chassis with UUID [arg2] (IP: [arg3]) failed because the management server was unable to retrieve the chassis' LDAP certificate.**

Explanation

The management server requires the chassis' LDAP certificate in order to authenticate and maintain secure communications to the chassis.

Arguments

[arg1] user

[arg2] uuid of chassis

[arg3] ip of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0013G The request by user *[arg1]* to manage chassis with UUID *[arg2]* (IP: *[arg3]*) failed because the management server was unable to retrieve the chassis' CIM certificate.**

Explanation

The management server requires the chassis' CIM certificate in order to conduct secure communications with the chassis' CIM service. This CIM certificate is a special certificate which is distinct from the LDAP certificate used for most other authentication purposes.

Arguments

[arg1] user

[arg2] uuid of chassis

[arg3] ip of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0014G The request by user *[arg1]* to manage chassis with UUID *[arg2]* (IP: *[arg3]*) failed because the management server was unable to change the chassis security policy to match that of the server.**

Explanation

Managed devices must conform to the security policy of the management server.

Arguments

[arg1] user

[arg2] uuid of chassis

[arg3] ip of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0015G The request by user [arg1] to manage chassis with UUID [arg2] (IP: [arg3]) failed because it was unable to set up centralized management (managed authentication).**

Explanation

The management server has to have centralized management enabled on the chassis to ensure no other source changes the chassis.

Arguments

[arg1] user

[arg2] uuid of chassis

[arg3] ip of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0016G The request by user [arg1] to manage chassis with UUID [arg2] (IP: [arg3]) failed due to unknown failure.**

Explanation

The management server was unable manage the chassis.

Arguments

[arg1] user

[arg2] uuid of chassis

[arg3] ip of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0017G The request by user *[arg1]* to manage chassis with UUID *[arg2]* (IP: *[arg3]*) failed due to being unable to set the authentication mode of the server.**

Explanation

The management server needs to configure the target device to authenticate using an external LDAP server, where that LDAP server is normally the management server itself.

Arguments

[arg1] user

[arg2] uuid of chassis

[arg3] ip of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0018I User *[arg1]* started management of chassis with UUID *[arg2]* (IP: *[arg3]*) with managed authentication enabled and manually entered credentials.**

Explanation

The management of the chassis has been requested by user

Arguments

[arg1] user

[arg2] uuid

[arg3] ip of chassis

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

none

- **FQXHMDI0019I User *[arg1]* started unmanagement of chassis with UUID *[arg2]* (IP: *[arg3]*).**

Explanation

The unmanagement of the chassis has been requested by user.

Arguments

[arg1] user

[arg2] uuid

[arg3] ip

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

none

- **FQXHMDI0020I The LDAP configuration data for chassis *[arg2]* failed to clean up after user *[arg1]* unmanaged it.**

Explanation

The LDAP data failed to be cleaned up when removing chassis manager from inventory. The server might reattempt management of this chassis upon restart.

Arguments

[arg1] user

[arg2] uuid

Severity

Warning

Serviceable with log

Customer

Automatically Notify Support

No

User Action

Restart server and reattempt the unmanage action for the chassis.

- **FQXHMDI0021G The request by user [arg1] to manage chassis [arg2] failed when setting up group permissions on the chassis.**

Explanation

The management server needs to exchange group permission with the chassis.

Arguments

[arg1] user

[arg2] uuid of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0021I User [arg1] requested forced management of the chassis with UUID [arg2] (IP: [arg3]), which is already managed by Lenovo XClarity Administrator. The chassis will be unmanaged with force and then managed again.**

Explanation

The chassis is already managed by Lenovo XClarity Administrator. The chassis will be unmanaged with force and then managed again.

Arguments

[arg1] user

[arg2] uuid

[arg3] ip

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

none

- **FQXHMDI0022G The request by user [arg1] to manage chassis with UUID [arg2] (IP: [arg3]) failed when performing additional manage configuration information.**

Explanation

The management server needs to exchange additional host configuration information with the chassis.

Arguments

[arg1] user

[arg2] uuid of chassis

[arg3] ip of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the chassis.

- **FQXHMDI0023G Initial inventory collection by user *[arg1]* of chassis with UUID *[arg2]* (IP: *[arg3]*) did not complete successfully.**

Explanation

An error or timeout occurred when collecting inventory during the initial management steps of the chassis.

Arguments

[arg1] user

[arg2] uuid of chassis

Severity

Warning

Serviceable with log

Customer

Automatically Notify Support

No

User Action

Verify communication to the endpoint to ensure connection can be made. The management server will automatically attempt to collect inventory periodically .

- **FQXHMDI0024G Enabling local user accounts on endpoint *[arg2]* by user *[arg1]* failed.**

Explanation

The local user accounts on the endpoint could not be enabled due to an unknown failure from the server.

Arguments

[arg1] user name

[arg2] endpoint name

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Log in to the endpoint using the RECOVERY_ID user account, and recreate the local user accounts.

- **FQXHMDI0024I Children of chassis [arg1] unmanaged endpoint with UUID [arg2] (IP: {3}) during chassis unmanage task.**

Explanation

The chassis unmanage task also unmanaged the included list of affected systems.

Arguments

[arg1] uuid of chassis

[arg2] uuid list of affected systems

Severity

Informational

Serviceable with log

User

Automatically Notify Support

No

User Action

Information only; no action is required .

- **FQXHMDI0025I SLP-broadcast discovery worker updated the list of unmanaged endpoints.**

Explanation

The SLP-broadcast discovery worker completed execution and updated the list of unmanaged endpoints.

Arguments

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required .

- **FQXHMDI0026G The request to update the password by user [arg1] on device with UUID [arg2] (IP: [arg3]) was not successful because of connection issues.**

Explanation

The password for this chassis could not be updated because there were connectivity issues during the update operation.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

From the Chassis page, verify that there is connectivity between the management server and the chassis. Then attempt to update the password on the chassis again.

- **FQXHMDI0026I A failure occurred when updating the password for user [arg1] on endpoint with UUID [arg2] (IP: [arg3]).**

Explanation

The attempt to manage the endpoint was canceled because the expired password for the specified user could not be updated.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the new password complies with the password rules that are in effect on the endpoint. New passwords might be rejected based on password reuse policy, password complexity, and password similarity to recent passwords. Use a different password, or reset the password directly on the endpoint before retrying the manage operation.

- **FQXHMDI0027G User [arg1] cannot manage chassis with UUID [arg2] (IP: [arg3]) because of connection issues.**

Explanation

The management server cannot manage the chassis because there were connectivity issues during the manage operation.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

From the Chassis page, verify that there is connectivity between the management server and the chassis. Then attempt to manage the chassis again.

- **FQXHMDI0027I User [arg1] started management of chassis with UUID [arg2] (IP: [arg3]) and managed authentication enabled and stored credentials [arg4].**

Explanation

The management of the chassis has been requested by user

Arguments

[arg1] user

[arg2] uuid of chassis

[arg3] ip of chassis

[arg4] id of stored credentials

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

none

- **FQXHMDI0028G The attempt by user [arg1] to manage chassis with UUID [arg2] (IP: [arg3]) was not successful.**

Explanation

The management server is configured for NIST compliance, but the chassis is not configured for NIST compliance.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Modify the chassis security policy to be NIST compliant.

- **FQXHMDI0028I User [arg1] started management of chassis with UUID [arg2] (IP: [arg3]) with managed authentication disabled and stored credentials [arg4].**

Explanation

The management of the chassis has been requested by user

Arguments

[arg1] user

[arg2] uuid of chassis

[arg3] ip of chassis

[arg4] id of stored credentials

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

none

- **FQXHMDI0029G The request by user *[arg1]* to force the management of server *[arg2]* did not complete.**

Explanation

A login failure prevented the management server from managing the server using the force option.

Arguments

[arg1] user

[arg2] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify the user credentials for the rack server and try again

- **FQXHMDI0030G The request by user *[arg1]* to force the management of the chassis *[arg2]* did not complete.**

Explanation

A login failure prevented the management server from managing the chassis through the force option.

Arguments

[arg1] user

[arg2] uuid of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify the user credentials for the CMM and try again

- **FQXHMDI0031G Configuring CIM subscriptions to some nodes of the chassis failed after user [arg1] managed the chassis with UUID [arg2] (IP: [arg3]).**

Explanation

The management server requires nodes' CIM certificates in order to conduct secure communications with the nodes' CIM services. The CIM certificate is special certificates which is distinct from the LDAP certificate used for most other authentication purposes.

Arguments

[arg1] user

[arg2] uuid of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the firmware of the target device is compatible with that of the management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0032G Removing CIM subscriptions from some nodes of the chassis failed after user [arg1] unmanaged the chassis with UUID [arg2] (IP: [arg3]).**

Explanation

This will cause the management server to continue to receive events on these nodes.

Arguments

[arg1] user

[arg2] uuid of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the firmware of the target device is compatible with that of the management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues. Log into the IMM user interface for this server, view the current users, and terminate the CIM user to this system.

- **FQXHMDI0033G The property [arg1] contains the unsupported character [arg2] . The following characters are not supported [arg3]**

Explanation

The rack property contains an unsupported character. The endpoint will not be added to a rack.

Arguments

[arg1] property name

[arg2] character

[arg3] character set

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Log in to the endpoint and change the property to use only supported characters.

- **FQXHMDI0033I User *[arg1]* unmanaged switch *[arg2]*.**

Explanation

Switch has been removed from Management

Arguments

[arg1] User that unmanages the switch

[arg2] Switch UUID

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDI0034G The property *[arg1]* length exceeds the max supported limit of *[arg2]* characters.**

Explanation

The rack property exceeds the maximum allowed length. The endpoint will not be added to a rack.

Arguments

[arg1] property name

[arg2] character

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Log in to the endpoint, and set the property length to be within the limit.

- **FQXHMDI0034I User *[arg1]* has managed switch *[arg2]***

Explanation

Switch has been put under management

Arguments

[arg1] userid

[arg2] Switch UUID

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDI0035I User *[arg1]* started unmanagement of switch *[arg2]***

Explanation

The unmanagement of the switch has been requested by user.

Arguments

[arg1] user

[arg2] uuid

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

none

- **FQXHMDI0035J The IP address *[arg1]* of the device is a duplicate of another device IP address.**

Explanation

The device has an IP address which is assigned to another managed device.

Arguments

[arg1] ip address

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the devices that have the same IP address and change them to be unique.

- **FQXHMDI0036I User [arg1] started management of switch [arg2]**

Explanation

The management of the switch has been requested by user

Arguments

[arg1] user

[arg2] uuid of switch

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

none

- **FQXHMDI0036J The IP address [arg1] of the device is a duplicate of the management server IP address.**

Explanation

The device has an IP address which is also assigned to the management server.

Arguments

[arg1] ip address

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the device that has the same IP address as the management server, and change it to be unique.

- **FQXHMDI0037I The duplicate IP address issue for IP address [arg1] has been resolved.**

Explanation

There had been 2 devices configured with the same IP address. This condition is no longer occurring.

Arguments

[arg1] ip address

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDI0037J The request by user [arg1] to manage switch [arg2] failed because the management server was unable to retrieve the switch certificate.**

Explanation

The management server requires the switch valid certificate in order to conduct secure communications with the device. This certificate is a special certificate which is distinct from the LDAP certificate used for most other authentication purposes.

Arguments

[arg1] user

[arg2] switch uuid

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check if the switch has a valid, unexpired certificate. Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0038I The duplicate IP address issue for IP address [arg1] has been resolved.**

Explanation

A device had been configured with the same IP address as the management server. This condition is no longer occurring.

Arguments

[arg1] ip address

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDI0039J The management server detected an IP conflict between the managed device and local network host. The IP address is [arg1] and the local network host MAC address is [arg2].**

Explanation

A managed device has the same IP address as a host that is located in the local management server network(s). The alert is generated because the managed device and the host have different MAC addresses.

Arguments

[arg1] ip address

[arg2] mac address

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the host with the mentioned MAC address located in the management server networks has the mentioned IP address and change one of managed device or network host IP address in order to avoid conflicts.

- **FQXHMDI0040G Updating the host configuration on chassis with UUID [arg1] has failed**

Explanation

The management server needs to exchange additional host configuration information with the chassis.

Arguments

[arg1] uuid of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the chassis.

- **FQXHMDI0040I The management server detects no more conflicts in regard to the managed device and the network host IP address [arg1].**

Explanation

The management server detected a conflict between a managed device and a local network host IP address, but the problem is no longer present.

Arguments

[arg1] ip address

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

No action required.

- **FQXHMDI0041G Updating the domain name on chassis with UUID [arg1] has failed**

Explanation

The management server needs to exchange additional host configuration information with the chassis.

Arguments

[arg1] uuid of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the chassis.

- **FQXHMDI0041I The request to set Single Sign On feature failed on server [arg1]**

Explanation

An internal error occurred while attempting to set Single Sign On feature on server.

Arguments

[arg1] uuid of server

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

[{ "text" : "Use Single Sign On settings option from Actions by selecting this server. If the problem persists, contact Support.", "format" : ["cdata"] }]

- **FQXHMDI0042G Updating the host name on chassis with UUID [arg1] has failed**

Explanation

The management server needs to exchange additional host configuration information with the chassis.

Arguments

[arg1] uuid of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the chassis.

- **FQXHMDI0043G Updating the display name on chassis with UUID [arg1] has failed**

Explanation

The management server needs to exchange additional host configuration information with the chassis.

Arguments

[arg1] uuid of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the chassis.

- **FQXHMDI0044G Updating the IP interfaces on chassis with UUID [arg1] has failed**

Explanation

The management server needs to exchange additional host configuration information with the chassis.

Arguments

[arg1] uuid of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the chassis.

- **FQXHMDI0045G Updating the rack information on chassis with UUID [arg1] has failed**

Explanation

The management server needs to exchange additional host configuration information with the chassis.

Arguments

[arg1] uuid of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the chassis.

- **FQXHMDI0046G Updating the Lowest Rack Unit information on chassis with UUID [arg1] has failed**

Explanation

The management server needs to exchange additional host configuration information with the chassis.

Arguments

[arg1] uuid of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the chassis.

- **FQXHMDI0047G Updating the display name on chassis with UUID [arg1] has succeeded with truncation.**

Explanation

The length of the display name exceeds the maximum allowed by the CMM.

Arguments

[arg1] uuid of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDI0048J The health of SSD [arg1] in bay [arg2] of the RAID configuration [arg3] has diminished to a warning state.**

Explanation

The remaining life of the SSD has diminished to a warning state.

Arguments

[arg1] The Hard Drive Name

[arg2] The Hard Drive Bay

[arg3] The Raid Configuration Name

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Replace the SSD with a new one.

- **FQXHMDI0049K The health of SSD [arg1] in bay [arg2] of the RAID configuration [arg3] has diminished to a critical state.**

Explanation

The remaining life of the SSD has diminished to a critical state.

Arguments

[arg1] The Hard Drive Name

[arg2] The Hard Drive Bay

[arg3] The Raid Configuration Name

Severity

Critical

Serviceable with log

User

Automatically Notify Support

No

User Action

Replace the SSD with a new one.

- **FQXHMDI0050I The health of the SSD [arg1] in bay [arg2] of the RAID configuration [arg3] is back to normal.**

Explanation

The remaining life of the SDD is above the warning threshold.

Arguments

[arg1] The Hard Drive Name

[arg2] The Hard Drive Bay

[arg3] The Raid Configuration Name

Severity

Informational

Serviceable with log

User

Automatically Notify Support

No

User Action

No action required.

- **FQXHMDI0060I Server [arg1] was changed from the untrusted to trusted state.**

Explanation

The server connection changed from untrusted to trusted.

Arguments

[arg1] Server uuid

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDI0061J Server [arg1] was changed from the trusted to untrusted state because of [arg2].**

Explanation

The server connection changed from trusted to untrusted due to an SSL certificate issue.

Arguments

[arg1] Server uuid

[arg2] Untrusted message

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the management-server trust store contains the latest certificate for the managed device.

To ensure that the management server has the latest certificate from a server:

1. Open the Servers page to see all managed servers.
2. Select the managed server in the table
3. Click All Actions > Resolve Untrusted Certificate.

- **FQXHMDI0070J The link status is down for PCI device [arg2] on server [arg1].**

Explanation

The link status is down for an adapter on this server.

Arguments

[arg1] Server UUID

[arg2] PCI device name

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDI0071I A ThinkEdge server with machine type {1} and UUID {0} was discovered.**

Explanation

A ThinkEdge Server was discovered and updated into discovered server's list.

Arguments

[arg1] uuid of server

[arg2] machine type of server

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

none

- **FQXHMDI0101I User [arg1] unmanaged server with UUID [arg2] (IP: [arg3]).**

Explanation

Server has been removed from Management

Arguments

[arg1] User that unmanages the server

[arg2] Server UUID

[arg3] Server ip

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDI0102I User [arg1] has managed server with UUID [arg2] (IP: [arg3])**

Explanation

Server has been put under management

Arguments

[arg1] userid

[arg2] Server UUID

[arg3] Server ip

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDI0103G A CIM subscription failure occurred after user *[arg1]* unmanaged server *[arg3]***

Explanation

This will cause the management server to continue to receive events on this server.

Arguments

[arg1] user

[arg2] Server UUID

Severity

Warning

Serviceable with log

Customer

Automatically Notify Support

No

User Action

Log into the IMM user interface for this server, view the current users, and terminate the CIM user to this system

- **FQXHMDI0104G The NTP server on server *[arg2]* failed to clean up after user *[arg1]* unmanaged it.**

Explanation

If the user does not cleanup the NTP server, the server will continue to use the management server's NTP server and not its own.

Arguments

[arg1] User

[arg2] UUID of server

Severity

Warning

Serviceable with log

Customer

Automatically Notify Support

No

User Action

Log into the IMM user interface for this server and correct the NTP server information

- **FQXHMDI0106G The request by user *[arg1]* to manage server *[arg2]* failed because internal data related to this device could not be updated.**

Explanation

An internal error occurred while attempting to create or maintain internal data structures.

Arguments

[arg1] user

[arg2] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the virtual appliance and attempt the operation again. If the problem persists, contact Support.

- **FQXHMDI0107G The request by user [arg1] to manage server [arg2] failed due to login lockout on the server.**

Explanation

The login for the server is locked out.

Arguments

[arg1] user

[arg2] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Fix login issue on the server and retry management.

- **FQXHMDI0108G The request by user [arg1] to manage server [arg2] failed during the login process to the server.**

Explanation

The management server can not authenticate with the endpoint using the credentials given by user.

Arguments

[arg1] user

[arg2] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

[{ "text" : [{ "text" : [{ "text" : "Verify login credentials to the endpoint exist and are correct", "format" : ["listElement"] }, { "text" : "Ensure that the endpoint management processor has up to date firmware, is up and operates optimally", "format" : ["listElement"] }, { "text" : "Reset the endpoint management processor", "format" : ["listElement"] }, { "text" : "Retry the management of the endpoint", "format" : ["listElement"] }], "format" : ["bulletList"] }], "format" : ["cdata"] }]

- **FQXHMDI0109G The request by user [arg1] to manage server [arg2] failed due to connection issues.**

Explanation

The management server was unable to setup the connections necessary for management.

Arguments

[arg1] user

[arg2] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify the network connections on the server. Then retry management of the server.

- **FQXHMDI0110G The request by user [arg1] to manage server [arg2] resulted in no action, because it is already being managed.**

Explanation

The management server is already managing this server.

Arguments

[arg1] user

[arg2] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify information for server to ensure the data is correctly entered.

- **FQXHMDI0111G The request by user [arg1] to manage server [arg2] did not complete due to a failure during inventory collection.**

Explanation

The management server was unable to retrieve the inventory for this server.

Arguments

[arg1] user

[arg2] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify communication to the endpoint to ensure that a connection can be made. Then retry management of the server.

- **FQXHMDI0112G The request by user [arg1] to manage rack server [arg2] failed because the management server was unable to retrieve the rack server's LDAP certificate.**

Explanation

The management server requires the rack server's LDAP certificate to authenticate and maintain secure communications to the rack server.

Arguments

[arg1] user

[arg2] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0113G The request by user [arg1] to manage rack server [arg2] failed because the management server was unable to retrieve the rack server's CIM certificate.**

Explanation

The management server requires the rack server's CIM certificate in order to conduct secure communications with the rack server's CIM service. This CIM certificate is a special certificate which is distinct from the LDAP certificate used for most other authentication purposes.

Arguments

[arg1] user

[arg2] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0114G During the management process for rack server [arg1], the management server was unable to create the new user account RECOVERY_ID or disable local accounts on the server.**

Explanation

The management server was unable to create the new user account RECOVERY_ID that is used for the recovery of the target device or was unable to disable the existing local accounts in the target device to prevent un-authorized management accesses to the target device.

Arguments

[arg1] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Reboot the target device management processor. Check logs on the target device for possible other issues.

- **FQXHMDI0115G The request by user [arg1] to manage rack server [arg2] failed because the management server was unable to update connections to use the temporary management userid created by the management server.**

Explanation

The management server creates a special temporary userid used for communications to managed target devices. Once target devices have been configured to authenticate using the management server as their external LDAP server, connections are updated to use this temporary userid.

Arguments

[arg1] user

[arg2] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0116G The request by user [arg1] to manage rack server [arg2] failed for unknown reasons.**

Explanation

The attempt to manage the target device failed in an unexpected fashion.

Arguments

[arg1] user

[arg2] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

This is usually a sign of an internal problem, so normally there is no recommended user action; however, it may be indicative of a subtle mismatch between the firmware of the target device and that of the management server. Verify the firmware levels are compatible. Retry managing the target device.

- **FQXHMDI0117G The request by user [arg1] to manage rack server [arg2] failed due to being unable to set the authentication mode of the server.**

Explanation

The management server needs to configure the target device to authenticate using an external LDAP server, where that LDAP server is normally the management server itself.

Arguments

[arg1] user

[arg2] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0118I User [arg1] started management of server with UUID [arg2] (IP: [arg3]) and managed authentication enabled.**

Explanation

The management of the server has been requested by user

Arguments

[arg1] user

[arg2] uuid of server

[arg3] ip of server

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

none

- **FQXHMDI0119I User *[arg1]* started unmanagement of server with UUID *[arg2]* (IP: *[arg3]*)**

Explanation

The unmanagement of the server has been requested by user.

Arguments

[arg1] user

[arg2] uuid

[arg3] ip

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

none

- **FQXHMDI0120G The request by user *[arg1]* to unmanage server *[arg2]* failed because internal data related to the device could not be properly updated.**

Explanation

An internal error occurred while attempting to update internal data structures.

Arguments

[arg1] user

[arg2] uuid

Severity

Warning

Serviceable with log

Customer

Automatically Notify Support

No

User Action

[{ "text" : [{ "text" : "Restart the virtual appliance and attempt the operation again. If the problem persists, contact Support. For more information, see ", "format" : [] }, { "text" : "Recovering a server that was not unmanaged correctly", "format" : ["link"], "link" : "server_manage.html" }, { "text" : ". ", "format" : [] }, { "text" : "\n", "format" : ["cdata"] }] }

- **FQXHMDI0121I User [arg1] requested forced management of the server with UUID [arg2] (IP: [arg3]), which is already managed by Lenovo XClarity Administrator. The server will be unmanaged with force and then managed again.**

Explanation

The server is already managed by Lenovo XClarity Administrator. The server will be unmanaged with force and then managed again.

Arguments

[arg1] user

[arg2] uuid

[arg3] ip

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

none

- **FQXHMDI0122G The request by user [arg1] to manage server [arg2] failed when performing additional manage configuration information.**

Explanation

The management server needs to exchange additional host configuration information with the server.

Arguments

[arg1] user

[arg2] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify communication to the endpoint to ensure connection can be made. Then retry management of the server.

- **FQXHMDI0123G Initial inventory collection by user [arg1] of server [arg2] did not complete successfully.**

Explanation

An error or timeout occurred when collecting inventory during the initial management steps of the server.

Arguments

[arg1] user

[arg2] uuid of server

Severity

Warning

Serviceable with log

Customer

Automatically Notify Support

No

User Action

Verify communication to the endpoint to ensure that a connection can be made. The management server automatically attempts to collect inventory periodically .

- **FQXHMDI0124G The request by user [arg1] to manage server [arg2] resulted in no action, because it is already being managed by a management server - [arg3].**

Explanation

This server (endpoint) is already managed by another management server. The endpoint can be managed by only one management server at a time.

Arguments

[arg1] user

[arg2] uuid of server

[arg3] host info of managed server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

[{ "text" : [{ "text" : "To manage the endpoint from this management server, you must first go to the management server that is currently managing the endpoint and unmanage it. If the management server that is currently managing this endpoint is not available, you must clear the Common Information Model (CIM) subscription in the endpoint.", "format" : ["paragraph"] }, { "text" : [{ "text" : [{ "text" : "For Chassis, go to ", "format" : [] }, { "text" : "Recovering chassis management with a CMM after a management node failure", "format" : ["bold", "link"], "link" : "chassis_recovercmmaftermanagementnodefailure.html" }, { "text" : ".", "format" : [] }, "format" : ["listElement"] }, { "text" : [{ "text" : "For rack servers, go to ", "format" : [] }, { "text" : "Recovering rack or tower server management after a management node failure", "format" : ["bold", "link"], "link" : "server_recoveraftermanagementnodefailure.html" }, { "text" : ".", "format" : [] }, "format" : ["listElement"] }, {

```
"text" : [ { "text" : "For RackSwitch switches, go to ", "format" : [] }, { "text" : "Recovering management with a RackSwitch switch after a management server failure", "format" : [ "bold", "link" ], "link" : "switches_recoverfailedmanage.html" }, { "text" : ".", "format" : [] }, "format" : [ "listElement" ] }, { "text" : [ { "text" : "For Lenovo Storage systems, go to ", "format" : [] }, { "text" : "Recovering management with a Lenovo Storage system after a management server failure", "format" : [ "bold", "link" ], "link" : "storagenodes_recoverfailedmanage.html" }, { "text" : " or ", "format" : [] }, { "text" : "Recovering management of a Lenovo ThinkSystem DE Series storage device after a management server failure", "format" : [ "bold", "link" ], "link" : "storage_recoverfailedmanage_thinksystemde.html" }, { "text" : ".", "format" : [] }, "format" : [ "listElement" ] } ], "format" : [ "orderedList" ] }, "format" : [ "cdata" ] }
```

- **FQXHMDI0125G The request by user [arg1] to manage rack server [arg2] failed because CIM over HTTPS is not enabled on the server.**

Explanation

The management server was not able to setup the connections necessary for management because CIM over HTTPS is not enabled on rack server.

Arguments

[arg1] user

[arg2] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Enable CIM over HTTPS on the rack server, and retry management.

- **FQXHMDI0126G The request by user [arg1] to manage server [arg2] resulted in no action, because node bay is already occupied by server - [arg3]**

Explanation

The management server is already managing another server on a same node bay.

Arguments

[arg1] user

[arg2] server

[arg3] server

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Unmanage the existing server in the node bay using the Force option, and then attempt to manage the new server again.

- **FQXHMDI0127I The request by user [arg1] to manage device [arg2] resulted in no action, because IP address [arg3] is already used by the device with UUID [arg4].**

Explanation

The management server was unable manage a new device because one or more IP addresses used by that device are the same as the IP addresses that are used by a previously managed device.

Arguments

[arg1] user

[arg2] uuid

[arg3] ip address

[arg4] uuid

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the IP address identified in the event message is used by only one device in the network. If the two UUIDs in the event message are the same, then use the force option to manage the device again using the force-management option. If the two UUIDs in the event message are different, determine which UUID is using the IP address, and manage the other device again using the force-management option.

- **FQXHMDI0128J Address change for the device with UUID [arg1] was ignored because the IP address [arg2] is already used by the device with UUID [arg3].**

Explanation

The management server received an event for a device from an IP address that is different than the address that is currently being used to manage the device. However, the IP address is the same as another device that the management server is currently managing.

Arguments

[arg1] uuid

[arg2] ip address

[arg3] uuid

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

The management server cannot manage two devices using the same IP address. Verify that the two devices in the event message are not assigned to the same IP address. If necessary, fix the device IP

assignment using the device user interface. Determine which UUID is using the IP address, and manage the other device again using the force-management option.

- **FQXHMDI0129G During the management process for rack server [arg1], the management server was unable to create the new user account RECOVERY_ID because the minimum password length that is required by the rack server was not met.**

Explanation

The management server was unable to create the new user account RECOVERY_ID that is used for the recovery of the target device because the password length did not meet the minimum length requirement that is set in Global Settings of baseboard management controller.

Arguments

[arg1] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Log in to the rack server and check the Global Settings for Password Length.

- **FQXHMDI0130I User [arg1] started management of server with UUID [arg2] (IP: [arg3]) and managed authentication enabled and stored credentials [arg4].**

Explanation

The management of the server has been requested by user

Arguments

[arg1] user

[arg2] uuid of server

[arg3] ip of server

[arg4] id of stored credentials

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

none

- **FQXHMDI0131I User [arg1] started management of server with UUID [arg2] (IP: [arg3]) with managed authentication disabled and stored credentials [arg4].**

Explanation

The management of the server has been requested by user

Arguments

[arg1] user

[arg2] uuid of server

[arg3] ip of server

[arg4] id of stored credentials

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

none

- **FQXHMDI0133I The request by user *[arg1]* to manage device *[arg2]* (with IP address *[arg3]*) resulted in no action, because the device is already managed by this management server.**

Explanation

The request to manage a device failed because the device is already managed.

Arguments

[arg1] User

[arg2] UUID

[arg3] IP address

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Manage the device again using the force-management option.

- **FQXHMDI0140G Updating the host configuration on server with UUID *[arg1]* has failed**

Explanation

The management server needs to exchange additional host configuration information with the server.

Arguments

[arg1] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the server.

- **FQXHMDI0141G Updating the domain name on server with UUID [arg1] has failed**

Explanation

The management server needs to exchange additional host configuration information with the server.

Arguments

[arg1] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the server.

- **FQXHMDI0142G Updating the host name on server with UUID [arg1] has failed**

Explanation

The management server needs to exchange additional host configuration information with the server.

Arguments

[arg1] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the server.

- **FQXHMDI0143G Updating the display name on server with UUID [arg1] has failed**

Explanation

The management server needs to exchange additional host configuration information with the server.

Arguments

[arg1] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the server.

- **FQXHMDI0144G Updating the IP interfaces on server with UUID [arg1] has failed**

Explanation

The management server needs to exchange additional host configuration information with the server.

Arguments

[arg1] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the server.

- **FQXHMDI0145G Updating the rack information on server with UUID [arg1] has failed**

Explanation

The management server needs to exchange additional host configuration information with the server.

Arguments

[arg1] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the server.

- **FQXHMDI0147G Updating the display name on server with UUID [arg1] has succeeded with truncation.**

Explanation

The length of the display name exceeds the maximum allowed by the server.

Arguments

[arg1] uuid of server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDI0150I System Guard is [arg1] on [arg2] devices of which [arg3] are successfully, see the full devices list in the log of job [arg4].**

Explanation

The bulk job of change System Guard state is triggered.

Arguments

[arg1] Action of change System Guard

[arg2] Total count of System Guard change jobs

[arg3] Successful count of System Guard change jobs

[arg4] Detail of job page

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDI0201G Cannot connect to the switch thru SSH.**

Explanation

Unable to manage the switch because SSH is disabled.

Arguments

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Enable SSH on the switch, and attempt to manage the switch again.

- **FQXHMDI0202G The management server cannot authenticate with switch {0} using the specified "enable" password.**

Explanation

The switch cannot be managed due to an authentication failure.

Arguments

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the password to enter Privileged Exec Mode on the switch is correct.

- **FQXHMDI0301I User [arg1] unmanaged storage [arg2].**

Explanation

Storage has been removed from Management

Arguments

[arg1] User that unmanages the storage

[arg2] Server UUID

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDI0302I User [arg1] has managed storage [arg2]**

Explanation

storage has been put under management

Arguments

[arg1] userid

[arg2] storage UUID

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDI0306G The request by user [arg1] to manage storage [arg2] failed because internal data related to this device could not be updated.**

Explanation

An internal error occurred while attempting to create or maintain internal data structures.

Arguments

[arg1] user

[arg2] uuid of storage

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the virtual appliance and attempt the operation again. If the problem persists, contact Support.

- **FQXHMDI0307G The request by user [arg1] to manage storage [arg2] failed due to connection issues.**

Explanation

The management server was unable to setup the connections necessary for management.

Arguments

[arg1] user

[arg2] uuid of storage

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify the network connections on the endpoint. Then retry management of the storage.

- **FQXHMDI0308G The request by user [arg1] to manage storage [arg2] failed during the login process to the storage.**

Explanation

The management server can not authenticate with the endpoint using the credentials given by user.

Arguments

[arg1] user

[arg2] uuid of storage

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

[{"text": [{"text": [{"text": "Verify login credentials to the endpoint", "format": ["listElement"]}], {"text": "Ensure that the endpoint management processor has up to date firmware, is up and operates optimally", "format": ["listElement"]}], {"text": "Reset the endpoint management processor", "format": ["listElement"]}], {"text": "Retry the management of the endpoint", "format": ["listElement"]}], "format": ["bulletList"]}], "format": ["cdata"]}]

- **FQXHMDI0309G The request by user [arg1] to unmanage storage [arg2] failed due to connection issues.**

Explanation

The management server was unable to setup the connections necessary for management.

Arguments

[arg1] user

[arg2] uuid of storage

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify the network connections on the endpoint. Then retry unmanagement of the storage.

- **FQXHMDI0310G The request by user [arg1] to manage storage [arg2] resulted in no action, because it is already being managed.**

Explanation

The management server is already managing this storage.

Arguments

[arg1] user

[arg2] uuid of storage

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify information for storage to ensure the data is correctly entered.

- **FQXHMDI0316G The request by user [arg1] to manage storage [arg2] failed for unknown reasons.**

Explanation

The attempt to manage the target device failed in an unexpected fashion.

Arguments

[arg1] user

[arg2] uuid of storage

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

This is usually a sign of an internal problem, so normally there is no recommended user action; however, it may be indicative of a subtle mismatch between the firmware of the target device and that of the management server. Verify the firmware levels are compatible. Retry managing the target device.

- **FQXHMDI0319I User [arg1] started unmanagement of storage [arg2]**

Explanation

The unmanagement of the storage has been requested by user.

Arguments

[arg1] user

[arg2] uuid

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

none

- **FQXHMDI0320G The request by user [arg1] to unmanage storage [arg2] failed because internal data related to the device could not be properly updated.**

Explanation

An internal error occurred while attempting to update internal data structures.

Arguments

[arg1] user

[arg2] uuid

Severity

Warning

Serviceable with log

Customer

Automatically Notify Support

No

User Action

[{ "text" : "Restart the virtual appliance and attempt the operation again. If the problem persists, contact Support. ", "format" : ["cdata"] }]

- **FQXHMDI0323G Initial inventory collection by user [arg1] of storage [arg2] did not complete successfully.**

Explanation

An error or timeout occurred when collecting inventory during the initial management steps of the storage.

Arguments

[arg1] user

[arg2] uuid of storage

Severity

Warning

Serviceable with log

Customer

Automatically Notify Support

No

User Action

Verify communication to the endpoint to ensure that a connection can be made. The management server automatically attempts to collect inventory periodically .

- **FQXHMDI0501I User *[arg1]* at IP address *[arg2]* enabled data collection service.**

Explanation

This service will send periodically usage data about XClarity to Lenovo.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDI0502I User *[arg1]* at IP address *[arg2]* disabled data collection service.**

Explanation

This service will no longer send usage data about XClarity to Lenovo.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDI0600I Job *[arg1]* has been updated.**

Explanation

A job status has been updated.

Arguments

[arg1] Job ID

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDM0001I Inventory has changed [arg1].**

Explanation

Changes were detected in the inventory.

Arguments

[arg1] Details of the inventory changes

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMDM0002I Cabinet related has changed [arg1].**

Explanation

Cabinet related changes were detected.

Arguments

[arg1] Details of the changes

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMDM0003I Connectivity to [arg1] [arg2] has been lost. UUID is [arg3].**

Explanation

The Management Server is unable to communicate with the endpoint.

Arguments

[arg1] Endpoint type

[arg2] Endpoint name

[arg3] UUID

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Check your network connection to the endpoint.

- **FQXHMDM0004I Connectivity to endpoint [arg1] has been restored. Endpoint is [arg2].**

Explanation

The Management Server is able to communicate with the endpoint.

Arguments

[arg2] Endpoint name

[arg3] UUID

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDM0005I The management NTP server or time zone information or both failed to push to device with UUID [arg1] (IP: [arg2])**

Explanation

During the management process of the device, the management NTP server or time zone information or both failed to transfer to the device. The time on the device is not synchronized with the management server. The management process will not failed due to this issue.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

[{ "text" : "The problem might be caused by the device momentary losing connection to the management server during the management process. Either attempt to manage the device again, or manually set the management NTP server and time zone information using the management-controller interface.", "format" : ["paragraph"] }, { "text" : "The management-controller firmware for the device might not support the management NTP server settings or the time zone that is currently set in the management server. Update the management-controller firmware to the latest version, and then either

attempt to manage the device again, or manually set the management NTP server and time zone information using the management-controller interface.", "format" : ["paragraph"] }

- **FQXHMDM0006I The NTP settings could not be pushed to device with UUID [arg1] (IP: [arg2]) because the firmware is not compatible.**

Explanation

During the management process of the device, the NTP settings failed to transfer to the device.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

[{ "text" : "The management-controller firmware for the device does not support the management NTP server settings. Update the management-controller firmware to the latest version, and then either attempt to manage the device again, or manually set the management NTP server and time zone information using the management-controller interface.", "format" : ["paragraph"] }]

- **FQXHMDM0020I User [arg1] from remote address [arg2] created resource group [arg3].**

Explanation

User created resource group.

Arguments

[arg1] User Name

[arg2] User Remote IP Address

[arg3] Resource Group Name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDM0021I User [arg1] from remote address [arg2] successfully edit resource group [arg3].**

Explanation

User updated resource group.

Arguments

[arg1] User Name

[arg2] User Remote IP Address

[arg3] Resource Group Name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDM0022I User [arg1] from remote address [arg2] removed resource group [arg3].**

Explanation

User removed resource group.

Arguments

[arg1] User Name

[arg2] User Remote IP Address

[arg3] Resource Group Name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDM0125I User [arg1] requested a power action [arg2] - on device [arg3]. [arg4]**

Explanation

A power action has been issued to this target.

Arguments

[arg1] user

[arg2] new PowerManagementState

[arg3] UUID of Target

[arg4] slot

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

None

- **FQXHMDM0126I** User [arg1] set boot order - [arg2] - on device [arg3]. [arg4]

Explanation

A boot order operation has been issued to this target.

Arguments

[arg1] user

[arg2] new BootOrder

[arg3] UUID of Target

[arg4] slot

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

None

- **FQXHMDM0127I** User [arg1] requested a cryptography/NIST action [arg2] on device [arg3]. [arg4]

Explanation

A cryptography/NIST request has been issued to this target.

Arguments

[arg1] user

[arg2] new cryptographymode

[arg3] UUID of Target

[arg4] slot

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

None

- **FQXHMDM0128I** User [arg1] requested a power capping action [arg2] on device [arg3]. [arg4]

Explanation

A power capping action has been issued to this target.

Arguments

[arg1] user

[arg2] new powerCapping

[arg3] UUID of Target

[arg4] slot

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

None

- **FQXHMDM0129I User [arg1] performed an inventory property change action on device [arg2]. [arg3]**

Explanation

An inventory property change action has been issued to this target.

Arguments

[arg1] user

[arg2] UUID of Target

[arg3] slot

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

None

- **FQXHMDM0130I User [arg1] requested a CMM failover operation on device [arg2].**

Explanation

A CMM failover operation has been issued to this target.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

None

- **FQXHMDM0131I A power action started by user [arg1] was sent successfully to device [arg2]. [arg3]**

Explanation

A power action was sent successfully to this target.

Arguments

[arg1] user

[arg2] UUID of Target

[arg3] slot

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

None

- **FQXHMDM0132I A boot order operation started by user [arg1] completed successfully on device [arg2]. [arg3]**

Explanation

A boot order operation completed successfully on this target.

Arguments

[arg1] user

[arg2] UUID of Target

[arg3] slot

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

None

- **FQXHMDM0133I A cryptography/NIST action initiated by user [arg1] completed successfully on device [arg2]. [arg3]**

Explanation

A cryptography/NIST action completed successfully on this target.

Arguments

[arg1] user

[arg2] UUID of Target

[arg3] slot

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

None

- **FQXHMDM0134I A power capping action initiated by user *[arg1]* completed successfully on device *[arg2]*. *[arg3]***

Explanation

A power capping action completed successfully on this target.

Arguments

[arg1] user

[arg2] UUID of Target

[arg3] slot

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

None

- **FQXHMDM0135I An inventory property change action started by user *[arg1]* completed successfully on device *[arg2]*. *[arg3]***

Explanation

An inventory property change action completed successfully on this target.

Arguments

[arg1] user

[arg2] UUID of Target

[arg3] slot

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

None

- **FQXHMDM0136I A CMM failover operation started by user [arg1] completed successfully on device [arg2]..**

Explanation

A CMM failover operation completed successfully on this target.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

None

- **FQXHMDM0137I An LED operation that was started by user [arg1] completed successfully on device [arg2]..**

Explanation

An LED operation completed successfully on this target.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

None

- **FQXHMDM0138G User [arg1] cannot perform a power operation on endpoint [arg2] because of connection issues.**

Explanation

The power operation could not be performed on the endpoint because there were connectivity issues during the power operation.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

From the management server dashboard, verify that there is connectivity between the management server and the endpoint. Then attempt to perform the power operation again.

- **FQXHMDM0139G User *[arg1]* cannot modify the boot order on endpoint *[arg2]* because of connection issues.**

Explanation

The boot order on the endpoint cannot be modified because there were connectivity issues during the boot order modification operation.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

From the management server dashboard, verify that there is connectivity between the management server and the endpoint. Then attempt to modify the boot order again.

- **FQXHMDM0140G A cryptography/NIST operation started by user *[arg1]* on device *[arg2]* was not successful because of connection issues.**

Explanation

The cryptography/NIST operation could not complete because there were connectivity issues during the operation.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

From the management server dashboard, verify that there is connectivity between the management server and the endpoint. Then attempt to perform the cryptography/NIST operation again.

- **FQXHMDM0141G User [arg1] cannot perform power capping on endpoint [arg2] because of connection issues.**

Explanation

The power capping of the endpoint could not complete because there were connectivity issues during the operation.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

From the management server dashboard, verify that there is connectivity between the management server and the endpoint. Then attempt to perform power capping again.

- **FQXHMDM0142G User [arg1] cannot modify an inventory property on endpoint [arg2] because of connection issues.**

Explanation

The inventory property on the endpoint cannot be changed because there were connectivity issues during the operation.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

From the management server dashboard, verify that there is connectivity between the management server and the endpoint. Then attempt to change the inventory property again.

- **FQXHMDM0143G User [arg1] cannot initiate a CMM failover on endpoint [arg2] because of connection issues.**

Explanation

The CMM failover could not occur because there were connectivity issues during the operation.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

From the management server dashboard, verify that there is connectivity between the management server and the endpoint. Then attempt to perform the failover again.

- **FQXHMDM0144G The led setting operation action started by user User [arg1] cannot set the LED on endpoint [arg2] because of connection issues.**

Explanation

The LED cannot be set on the endpoint because there were connectivity issues during the operation.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

From the management server dashboard, verify that there is connectivity between the management server and the endpoint. Then attempt to set the LED again.

- **FQXHMDM0145G The operation requested by user [arg1] could not complete because access to endpoint with UUID [arg2] (IP: [arg3]) was denied.**

Explanation

The requested operation could not complete because access to the endpoint was denied.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

From the management server Dashboard, verify access from the management server to the endpoint. Then attempt to perform the operation again.

- **FQXHMDM0146G** The operation requested by user [arg1] could not complete because access to endpoint [arg2] was denied due to insufficient privileges.

Explanation

The requested operation could not complete because the user ID used to access to the endpoint does not have sufficient privileges.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

From the Security Role Groups page, make sure that the user ID used to access the endpoint has sufficient privileges to perform the operation. Then attempt to perform the operation again.

- **FQXHMDM0147G** The operation requested by user [arg1] could not complete on endpoint [arg2] because the operation is not supported.

Explanation

The operation could not be performed because it is not supported for the specified endpoint.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDM0148G** The operation requested by user [arg1] could not complete on endpoint [arg2] because the endpoint is not available.

Explanation

The operation cannot be performed because the specified endpoint is not available.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

From the management server dashboard, verify that the endpoint is available that that there is connectivity between the management server and the endpoint. Then attempt to perform the operation again.

- **FQXHMDM0149G The operation requested by user [arg1] could not complete on endpoint with UUID [arg2] (IP: [arg3]) because authentication failed.**

Explanation

The operation cannot be performed because there was an authentication failure with user ID used to access the endpoint.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

From the User Management page, verify that the user has sufficient permissions to access the endpoint. Then attempt to perform the operation again.

- **FQXHMDM0150G The operation requested by user [arg1] could not complete on endpoint with UUID [arg2] (IP: [arg3]) because authorization credentials are expired.**

Explanation

The operation cannot be performed because the authorization credentials have expired.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

From the User Management page, update the password for the user ID. Then attempt to perform the operation again.

- **FQXHMDM0151G The operation requested by user [arg1] timed out on device with UUID [arg2] (IP: [arg3]).**

Explanation

The requested operation timed out.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait a few minutes and attempt to perform the operation again.

- **FQXHMDM0152G The operation requested by user [arg1] was interrupted on device [arg2].**

Explanation

The requested operation could not complete because it was interrupted.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

From the management server Dashboard, verify access from the management server to the endpoint.
Wait a few minutes and attempt to perform the operation again.

- **FQXHMDM0153G The operation requested by user [arg1] was interrupted on device with UUID [arg2] (IP: [arg3]).**

Explanation

The requested operation could not complete because it was interrupted.

Arguments

[arg1] user

[arg2] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Update to the firmware to the latest level, and attempt to manage the device again.

- **FQXHMDM0154I The SSH console session was started by user [arg1] on switch [arg2].**

Explanation

The SSH console session was started on a switch.

Arguments

[arg1] user

[arg2] IP address of the switch

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

None

- **FQXHMDM0155G Access was denied for the stored credentials with username '[arg1]' on the endpoint with UUID [arg2].**

Explanation

The connection to the endpoint failed because access to the endpoint was denied.

Arguments

[arg1] The username of the stored credentials

[arg2] The UUID of the endpoint

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the stored credentials to match a valid user account on the endpoint.

- **FQXHMDM0156I The stored credentials for [arg1] were changed by [arg2] at [arg3].**

Explanation

A request to resolve stored credentials for the endpoint was made.

Arguments

[arg1] display name of the endpoint

[arg2] the user who made the request

[arg3] the IP address of the user who made the request

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
None

- **FQXHMDM0157I The configuration data was updated successfully.**

Explanation
[{ "format": [], "text": "The UEFI definitions change has been made on a device." }]

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
[{ "format": [], "text": "None" }]

- **FQXHMDM0158I The role groups allowed to access [arg1] were changed by [arg2] at [arg3].**

Explanation
A request was made to change role groups allowed to access the endpoint.

Arguments

[arg1] display name of the endpoint

[arg2] the user who made the request

[arg3] the IP address of the user who made the request

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
None

- **FQXHMDM0159I The "public access" property for [arg1] was changed by [arg2] at [arg3].**

Explanation
A request was made to change the property for whether all role groups have access to this endpoint.

Arguments

[arg1] display name of the endpoint

[arg2] the user who made the request

[arg3] the IP address of the user who made the request

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

None

- **FQXHMDM0160I The managed authentication enabled/disabled setting was changed for [arg1] by [arg2] at [arg3].**

Explanation

A request was made to change whether managed authentication is enabled or disabled for this endpoint.

Arguments

[arg1] display name of the endpoint

[arg2] the user who made the request

[arg3] the IP address of the user who made the request

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

None

- **FQXHMDM0161I The security descriptor was changed for [arg1] by [arg2] at [arg3].**

Explanation

A request was made to the security descriptor.

Arguments

[arg1] display name of the endpoint

[arg2] the user who made the request

[arg3] the IP address of the user who made the request

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

None

- **FQXHMDM0162I The configuration definitions was updated successfully.**

Explanation

The configuration definitions was updated successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMDM0163I The connection between the management server and the management controller [arg1] is offline. Reason : [arg2]**

Explanation

The management server was unable to establish a connection to the management controller

Arguments

[arg1] uuid of the endpoint

[arg2] The reason for the broken connection

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the management controller is running the latest available firmware and that all required network services are enabled. If the problem persists, reset the management controller, and contact Support.

- **FQXHMDM0163J The connection between the management server and the management controller [arg1] is offline.**

Explanation

The management server was unable to establish a connection to the management controller

Arguments

[arg1] uuid of the endpoint

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the management controller is running the latest available firmware and that all required network services are enabled. If the problem persists, reset the management controller, and contact Support.

- **FQXHMDM0164I The connection between the management server and the management controller [arg1] was restored.**

Explanation

The management server was able establish a connection to the management controller again

Arguments

[arg1] uuid of the endpoint

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDM0165G The device health state changed from normal to warning.**

Explanation

The management server detected that the health state of the device changed.

Arguments

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify the current active alerts on the device.

- **FQXHMDM0165I The device health state changed from [arg1] to [arg2].**

Explanation

The management server detected that the health state of the device changed.

Arguments

[arg1] Old device health state

[arg2] New device health state

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMDM0166K The device health state changed from normal to critical.**

Explanation

The management server detected that the health state of the device changed.

Arguments

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify the current active alerts on the device.

- **FQXHMDM0167K The device health state changed from warning to critical.**

Explanation

The management server detected that the health state of the device changed.

Arguments

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify the current active alerts on the device.

- **FQXHMDM0168G The device health state changed from critical to warning.**

Explanation

The management server detected that the health state of the device changed.

Arguments

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify the current active alerts on the device.

- **FQXHMDM0169I The device health state changed from critical to normal.**

Explanation

The management server detected that the health state of the device changed.

Arguments

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify the current active alerts on the device.

- **FQXHMDM0170I The device health state changed from warning to normal.**

Explanation

The management server detected that the health state of the device changed.

Arguments**Severity**

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify the current active alerts on the device.

- **FQXHMDM0171J The request by user {0} to manage storage device {1} failed because the management server was unable to retrieve the storage certificate.**

Explanation

The management server requires a valid storage certificate to conduct secure communications with the device. This certificate is a special certificate that is distinct from the LDAP certificate used for most other authentication purposes.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the storage.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the storage device has a valid, unexpired certificate, regenerate the certificate from the device user interface. If the storage certificate is signed by an external certificate authority, ensure that the certificate authority certificate and any intermediate certificates are imported into the XClarity Administrator trust store. Check logs on the target device for possible other issues.

- **FQXHMDM0173I The secure erase drive initiated for server {arg1}.**

Explanation**Arguments**

[arg1] Server name

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Verify the current active alerts on the device.

- **FQXHMDM0173K The secure erase drive encountered an error for server {arg1}.**

Explanation

Arguments

[arg1] Server name

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Verify the current active alerts on the device.

- **FQXHMDM0174I The secure erase drive completed successfully for server {arg1}.**

Explanation

Arguments

[arg1] Server name

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Verify the current active alerts on the device.

- **FQXHMDM0175I The SFTP port enabled successfully for server {arg1}.**

Explanation

Arguments

[arg1] Server name

Severity
Informational

Serviceable with log
No

Automatically Notify Support

No

User Action

Verify the current active alerts on the device.

- **FQXHMDM0176I The SFTP port disabled successfully for server {arg1}.**

Explanation

Arguments

[arg1] Server name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify the current active alerts on the device.

- **FQXHMDM0180I The Core Inventory Service initialization completed successfully.**

Explanation

The Core Inventory Service initialization completed successfully.

Arguments

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0101I The Audit log has wrapped, because it has reached the maximum size limit of [arg1].**

Explanation

A new entry in the Audit log caused the oldest entry to be removed to keep the log within the size limit.

Arguments

[arg1] The maximum size of the Audit log.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0102I The Audit log has reached 80% of the maximum size ([arg1] events).**

Explanation

Once the Audit log reaches 100%, new entries will still be added, but the oldest entries will start being deleted to keep the log within the size limit.

Arguments

[arg1] The maximum size of the Audit log.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0103I The Audit log has been cleared successfully by user [arg1] at IP address [arg2].**

Explanation

The Audit log now has no entries.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0104I The Audit log maximum size has been changed from [arg1] to [arg2] by user [arg3] at IP address [arg4].**

Explanation

The Audit log now has a new maximum size.

Arguments

[arg1] Old Audit log size.

[arg2] New Audit log size.

[arg3] The user that made the request.

[arg4] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0105J** The request from user [arg1], at IP address [arg2], to change the maximum size of the Audit log from [arg3] to [arg4] was not successful.

Explanation

The Audit log maximum size will remain the same.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] Old Audit log size.

[arg4] New Audit log size.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check your connectivity to the management server, and then retry the operation. Also, verify that a valid size was specified.

- **FQXHMEM0106J** The management server detected missing events from [arg1].

Explanation

The management server was unable to retrieve missing events from the endpoint. The management server will continue accepting new events, but won't recover the missing ones.

Arguments

[arg1] The system name.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

No user action required. The alert status of the endpoint should be correct.

- **FQXHMEM0201I** The event log has wrapped, because it has reached the maximum size limit of [arg1].

Explanation

A new entry in the event log caused the oldest entry to be removed, to stay within the size limit.

Arguments

[arg1] The maximum size of the event log.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0202I The event log has reached 80% of the maximum size ([arg1] events).**

Explanation

Once the event log reaches 100%, new entries will still be added, but the oldest entries will start to be deleted, in order to stay within the size limit.

Arguments

[arg1] The maximum size of the event log.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0203I The event log has been cleared by user [arg1] at IP address [arg2].**

Explanation

The event log now has no entries.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0204I The event log maximum size has been changed from [arg1] to [arg2] by user [arg3] at IP address [arg4].**

Explanation

The event log now has a new maximum size.

Arguments

[arg1] Old event log size.

[arg2] New event log size.

[arg3] The user that made the request.

[arg4] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0205I The events with type *[arg1]* from the event log have been cleared by user *[arg2]* at IP address *[arg3]*.**

Explanation

Events of the specified type were removed from the event log.

Arguments

[arg1] The type of event.

[arg2] The user that made the request.

[arg3] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0206J The request from user *[arg1]*, at IP address *[arg2]*, to change the maximum size of the event log from *[arg3]* to *[arg4]* was not successful.**

Explanation

The maximum size of the event log will remain the same.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] Old event log size.

[arg4] New event log size.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check your connectivity to the management server, and then retry the operation. Also, verify that a valid size was specified.

- **FQXHMEM0207J The request from user *[arg1]*, at IP address *[arg2]*,to clear the events with type *[arg3]* from the event log was not successful.**

Explanation

The requested events have not been cleared.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] The type of event.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check your connectivity to the management server, and then retry the operation. Also, verify that a valid size was specified.

- **FQXHMEM0208I An *[arg1]* exclusion filter with id *[arg2]* has been created by user *[arg3]* at IP address *[arg4]*.**

Explanation

A new exclusion filter has been created.

Arguments

[arg1] Event or alert.

[arg2] The id of the filter.

[arg3] The user that made the request.

[arg4] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0209I** The [arg1] exclusion filter with id [arg2] has been modified by user [arg3] at IP address [arg4].

Explanation

The exclusion filter has been modified.

Arguments

[arg1] Event or alert.

[arg2] The id of the filter.

[arg3] The user that made the request.

[arg4] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0210I** The [arg1] exclusion filter with id [arg2] has been deleted by user [arg3] at IP address [arg4].

Explanation

The exclusion filter has been deleted.

Arguments

[arg1] Event or alert.

[arg2] The id of the filter.

[arg3] The user that made the request.

[arg4] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0211I Monitor [arg1] has been created by user [arg2] at IP address [arg3].**

Explanation

A new monitor has been created.

Arguments

[arg1] The id of the monitor.

[arg2] The user that made the request.

[arg3] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0212I Monitor [arg1] has been modified by user [arg2] at IP address [arg3].**

Explanation

The monitor has been modified.

Arguments

[arg1] The id of the monitor.

[arg2] The user that made the request.

[arg3] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0213I Monitor [arg1] has been deleted by user [arg2] at IP address [arg3].**

Explanation

The monitor has been deleted.

Arguments

[arg1] The id of the monitor.

[arg2] The user that made the request.

[arg3] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0214I Test event for monitor [arg1].**

Explanation

Test event.

Arguments

[arg1] The name of the monitor.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0316I User [arg1] at IP Address [arg2] has successfully created a new predefined event filter called [arg3].**

Explanation

A user has created a new predefined event filter.

Arguments

[arg1] The user that did the action.

[arg2] The IP Address from which the user did the action.

[arg3] The name of the predefined event filter.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0317I User [arg1] at IP Address [arg2] has successfully edit predefined event filter called [arg3].**

Explanation

A user has edit a new predefined event filter.

Arguments

[arg1] The user that did the action.

[arg2] The IP Address from which the user did the action.

[arg3] The name of the predefined event filter.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0318I User *[arg1]* at IP Address *[arg2]* has successfully deleted the predefined event filter called *[arg3]*.**

Explanation

A user has deleted a new predefined event filter.

Arguments

[arg1] The user that did the action.

[arg2] The IP Address from which the user did the action.

[arg3] The name of the predefined event filter.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0319I User *[arg1]* at IP Address *[arg2]* has modified the configuration of pusher called *[arg3]*.**

Explanation

A user has modified the configuration of a pusher.

Arguments

[arg1] The user that did the action.

[arg2] The IP Address from which the user did the action.

[arg3] The name of the event pusher.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0320I User [arg1] at IP Address [arg2] reset pusher called [arg3] to the default configuration.**

Explanation

A user has reset to defaults the configuration of a pusher.

Arguments

[arg1] The user that did the action.

[arg2] The IP Address from which the user did the action.

[arg3] The name of the event pusher.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0321I User [arg1] has made a new subscription on pusher [arg2].**

Explanation

A user has subscribed to a pusher.

Arguments

[arg1] The user that did the action.

[arg2] The name of the event pusher.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0322I User [arg1] has deleted a subscription on pusher [arg2].**

Explanation

A user has deleted a subscription to a pusher.

Arguments

[arg1] The user that did the action.

[arg2] The name of the event pusher.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0401I Event forwarding monitor [arg1] failed to send notification to destination with error message: [arg2].**

Explanation

A forwarding monitor failed to send the event notification to the destination.

Arguments

[arg1] The name of the event forwarding monitor.

[arg2] The error message text.

Severity

Warning

Serviceable with log

USer

Automatically Notify Support

No

User Action

The user should verify that the configuration is set correctly. Please be sure the management server is not blocked by a firewall.

- **FQXHMEM0402I Test event for the IOS push service.**

Explanation

Test event.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0403I Test event for the Android push service.**

Explanation

Test event.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0404I Test event for the WebSocket push service.**

Explanation

Test event.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0405I Test event for the [arg1] IOS subscriber.**

Explanation

Test event.

Arguments

[arg1] The name of the subscriber.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0406I Test event for the [arg1] Android subscriber.**

Explanation

Test event.

Arguments

[arg1] The name of the subscriber.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0407I Test event for the [arg1] Websocket subscriber.**

Explanation

Test event.

Arguments

[arg1] The name of the subscriber.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0408I An informational alert was asserted on device [arg1] with alert ID [arg2].**

Explanation

An informational alert was asserted on the specified device.

Arguments

[arg1] The display name of the device.

[arg2] The alert ID of the alert.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0409J A warning alert was asserted on device [arg1] with alert ID [arg2].**

Explanation

A warning alert was asserted on the specified device.

Arguments

[arg1] The display name of the device.

[arg2] The alert ID of the alert.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0410J A critical alert was asserted on device [arg1] with alert ID [arg2].**

Explanation

A critical alert was asserted on the specified device.

Arguments

[arg1] The display name of the device.

[arg2] The alert ID of the alert.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0411I An informational alert was deasserted on device [arg1] with alert ID [arg2].**

Explanation

An informational alert was deasserted on the specified device.

Arguments

[arg1] The display name of the device.

[arg2] The alert ID of the alert.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0412I A warning alert was deasserted on device [arg1] with alert ID [arg2].**

Explanation

A warning alert was deasserted on the specified device.

Arguments

[arg1] The display name of the device.

[arg2] The alert ID of the alert.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0413I A critical alert was deasserted on device [arg1] with alert ID [arg2].**

Explanation

A critical alert was deasserted on the specified device.

Arguments

[arg1] The display name of the device.

[arg2] The alert ID of the alert.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0414I An unknown Informational event was generated on [arg1]. For more information, see the device documentation.**

Explanation

An unknown Informational event was generated on the specified device. For more information, see the device documentation.

Arguments

[arg1] The display name of the device.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0415I An unknown Warning event was generated on [arg1]. For more information, see the device documentation.**

Explanation

An unknown Warning event was generated on the specified device. For more information, see the device documentation.

Arguments

[arg1] The display name of the device.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM0416I An unknown Critical event was generated on [arg1]. For more information, see the device documentation.**

Explanation

An unknown Critical event was generated on the specified device. For more information, see the device documentation.

Arguments

[arg1] The display name of the device.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM9001J The port number is not valid.**

Explanation

The port number must be greater than zero.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Enter a port number greater than zero.

- **FQXHMEM9002J The creation of the monitor was unsuccessful. The monitor name {0} is already taken.**

Explanation

The monitor name must be unique.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Enter a unique name for the monitor.

- **FQXHMEM9003J The creation of the monitor was unsuccessful. The maximum number of {0} SysLog monitors has been reached.**

Explanation

The maximum limit of SysLog monitors has been reached.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

To create a new monitor, you must first delete an existing monitor.

- **FQXHMEM9004J The creation of the monitor was unsuccessful. The maximum number of {0} SNMPv3 monitors has been reached.**

Explanation

The maximum limit of SNMPv3 monitors has been reached.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

To create a new monitor, you must first delete an existing monitor.

- **FQXHMEM9005J The creation of the monitor was unsuccessful. The monitor is not configured correctly.**

Explanation

The monitor configuration is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the configuration is correct.

- **FQXHMEM9006J The creation of the monitor was unsuccessful. The server was not able to save the configuration to the LDAP server.**

Explanation

An error occurred inside the server while saving the configuration to the LDAP server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the configuration is correct.

- **FQXHMEM9007I The creation of the monitor was successful.**

Explanation

The creation of the monitor was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM9008I The monitor was updated successfully.**

Explanation

The monitor was updated successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM9009I The monitor was reset successfully.**

Explanation

The monitor was reset successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM9010J The reset of the monitor was unsuccessful.**

Explanation

The monitor could not be reset.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Refresh the web page.

- **FQXHMEM9011J The update of the monitor was unsuccessful.**

Explanation

The monitor could not be updated.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Refresh the web page.

- **FQXHMEM9012J The requested monitor is not available.**

Explanation

The requested monitor was not found on the server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Refresh the web page information.

- **FQXHMEM9013J The requested Event Action Task is no longer available.**

Explanation

The requested task was not found on the server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Refresh the web page.

- **FQXHMEM9014J The information attached to the request is not complete.**

Explanation

The request does not contain all required information.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

See the REST API documentation to complete all required fields for the request.

- **FQXHMEM9015J The server could not create the required Event Action Task because it is a duplicate of an existing one.**

Explanation

The server already has a task with the same name.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Refresh your information.

- **FQXHMEM9016J The server could not persistently save the required Event Action Task.**

Explanation

An internal server error occurred while saving the task.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry your request.

- **FQXHMEM9017J The creation of the monitor was unsuccessful. The maximum number of {0} email monitors has been reached.**

Explanation

The maximum limit of email monitors has been reached.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

To create a new monitor, you must first delete an existing monitor.

- **FQXHMEM9018J The creation of the monitor was unsuccessful. The maximum total number of {0} monitors has been reached.**

Explanation

The maximum limit of monitors has been reached.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

To create a new monitor, you must first delete an existing monitor.

- **FQXHM9019J The URI is not valid.**

Explanation

The URI does not contain a valid number of path parts for the requested data.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the request with a valid URI.

- **FQXHM9020J Invalid parameter.**

Explanation

The URI contains a parameter that is either unsupported or is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the request with valid parameters.

- **FQXHM9021J Invalid filter.**

Explanation

The format of the event filter is incorrect.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the request with a valid event filter.

- **FQXHM9022J An input field was not valid.**

Explanation

One of the input fields did not contain a valid value.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

See the REST API documentation to complete all required fields for the request.

- **FQXHMEM9023J The creation of the exclude filter was unsuccessful.**

Explanation

A required field was not valid or an internal error occurred.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

See the REST API documentation to complete all required fields for the request.

- **FQXHMEM9024J The update of the exclude filter was unsuccessful.**

Explanation

The exclude filter ID was not valid or an internal error occurred.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the request with a valid exclude filter ID.

- **FQXHMEM9025J The exclude filter could not be deleted.**

Explanation

An internal error occurred.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry your request. If the problem persists, contact Support.

- **FQXHMEM9026J The exclude filter could not be deleted.**

Explanation

A filter with the given ID was not found.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check that the requested ID is valid.

- **FQXHM9027I The operation completed successfully.**

Explanation

The operation was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHM9028J ID not valid.**

Explanation

The requested ID was not found.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check that the requested ID is valid.

- **FQXHM9029J The request body is not valid.**

Explanation

The body of the request was not valid JSON.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check that the request body is formatted correctly.

- **FQXHM9030J Internal error**

Explanation

An internal error occurred during the operation.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry your request. If the problem persists, contact Support.

- **FQXHMEM9031J No description available.**

Explanation

No description available.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMEM9032J Look in the online documentation for the device to determine if that event is listed there.**

Explanation

Look in the online documentation for the device to determine if that event is listed there.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMEM9033J The authUser name {0} is already taken.**

Explanation

The authUser name must be unique.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Enter a unique authUser name for the monitor.

- **FQXHMEM9034J The certificate was not added in the truststore.**

Explanation

The operation was successful.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM9035J The certificate was added in the truststore.**

Explanation

The operation was successful.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM9036J The certificate could not be added in the truststore.**

Explanation

An internal error occurred.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry your request. If the problem persists, contact Support.

- **FQXHMEM9037J Do you want to add this certificate in the truststore? If you don't add it in the truststore no communication with the specified SMTP server will be possible.**

Explanation

Do you want to add this certificate in the truststore? If you don't add it in the truststore no communication with the specified SMTP server will be possible.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMEM9039J The creation of the monitor was successful but the download of the SMTP server's certificate failed.**

Explanation

Due to some problems in the configuration of the email forwarder or in the network configuration the download of the SMTP server's certificate failed. Without this certificate in the server's truststore the connection to the specified SMTP server will not be possible. You can add the certificate manually in Administration -> Security -> Trusted Certificates.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Add the certificate in the truststore manually or check the email forwarder configuration and the network configuration. If none of these solutions work please contact Support.

- **FQXHMEM9040J The monitor was updated successfully but the download of the SMTP server's certificate failed.**

Explanation

Due to some problems in the configuration of the email forwarder or in the network configuration the download of the SMTP server's certificate failed. Without this certificate in the server's truststore, the connection to the specified SMTP server will not be possible. You can add the certificate manually in Administration -> Security -> Trusted Certificates.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the certificate in the truststore manually or check the email forwarder configuration and the network configuration. If none of these solutions work please contact Support.

- **FQXHMEM9041J The monitor was updated successfully but the download of the SMTP server's certificate failed.**

Explanation

Due to some problems in the configuration of the email forwarder or in the network configuration the download of the SMTP server's certificate failed, so the existing certificate could not be updated. Without updating the existing certificate in the server's truststore, the connection to the specified SMTP server might not be possible. You can update the certificate manually in Administration -> Security -> Trusted Certificates.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the certificate in the truststore manually or check the email forwarder configuration and the network configuration. If none of these solutions work please contact Support.

- **FQXHMEM9042J The update to the events configuration failed.**

Explanation

An error occurred while attempting to update the events configuration database.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation.

- **FQXHMEM9043J The inserted scheduler is not correct.**

Explanation

An error occurred while parsing the inserted scheduler.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the inserted start time is lower than the end time and also that the start date is lower or equal to the end time.

- **FQXHMEM9044J The creation of the monitor was successful but the download of the HTTPS server's certificate failed.**

Explanation

Due to some problems in the configuration of the rest forwarder or in the network configuration the download of the HTTPS server's certificate failed. Without this certificate in the server's truststore the connection to the specified HTTPS server will not be possible. You can add the certificate manually in Administration -> Security -> Trusted Certificates.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Add the certificate in the truststore manually or check the rest forwarder configuration and the network configuration. If none of these solutions work please contact Support.

- **FQXHMEM9045J The monitor was updated successfully but the download of the HTTPS server's certificate failed.**

Explanation

Due to some problems in the configuration of the rest forwarder or in the network configuration the download of the HTTPS server's certificate failed. Without this certificate in the server's truststore, the connection to the specified HTTPS server will not be possible. You can add the certificate manually in Administration -> Security -> Trusted Certificates.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the certificate in the truststore manually or check the rest forwarder configuration and the network configuration.If none of these solutions work please contact Support.

- **FQXHM9046J The monitor was updated successfully but the download of the HTTPS server's certificate failed.**

Explanation

Due to some problems in the configuration of the rest forwarder or in the network configuration the download of the HTTPS server's certificate failed , so the existing certificate could not be updated. Without updating the existing certificate in the server's truststore , the connection to the specified HTTPS server might not be possible.You can update the certificate manually in Administration -> Security -> Trusted Certificates.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the certificate in the truststore manually or check the rest forwarder configuration and the network configuration.If none of these solutions work please contact Support.

- **FQXHM9047J Do you want to add this certificate in the truststore? If you don't add it in the truststore no communication with the specified HTTPS server will be possible.**

Explanation

Do you want to add this certificate in the truststore? If you don't add it in the truststore no communication with the specified HTTPS server will be possible.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHM9048J A certificate for this HTTPS server is already in the truststore.Do you want to replace the existing one with this certificate?**

Explanation

A certificate for this HTTPS server is already in the truststore.Do you want to replace the existing one with this certificate?

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMEM9049J The creation of the monitor was unsuccessful. The maximum number of {0} rest monitors has been reached.**

Explanation

The maximum limit of rest monitors has been reached.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

To create a new monitor, you must first delete an existing monitor.

- **FQXHMEM9050J The request to acknowledge alert was unsuccessful.**

Explanation

The information provided for acknowledging alert is invalid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check information provided regarding alert.

- **FQXHMEM9051J The request to acknowledge alert was unsuccessful.**

Explanation

The alert has already been acknowledged.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check information provided regarding alert.

- **FQXHMEM9052J The request to delete acknowledge alert was unsuccessful.**

Explanation

The information provided for deleting acknowledge alert is invalid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check information provided regarding alert.

- **FQXHMEM9053J The request to delete acknowledge alert was unsuccessful.**

Explanation

The acknowledge alert doesn't exist.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check information provided regarding alert.

- **FQXHMEM9054J The request to acknowledge alerts has encountered various issues.**

Explanation

{0} alerts were acknowledged, {1} acknowledgements couldn't be acknowledged because acknowledgement already exists, {2} acknowledgements were invalid and {3} alerts failed to be acknowledged.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check information provided regarding alerts.

- **FQXHMEM9055J The request to delete acknowledge alerts has encountered various issues.**

Explanation

{0} acknowledgements were deleted, {1} acknowledgements couldn't be delete acknowledgement doesn't exists, {2} acknowledgements were invalid and {3} acknowledgements failed to be deleted.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check information provided regarding alerts.

- **FQXHMEM9056I The creation of the monitor was successful.**

Explanation

The creation of the monitor was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM9056J The request to start metrics collection for DM Storages has failed.**

Explanation

XClarity Administrator could not start metrics collection for DM Storages.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry operation for collecting metrics.

- **FQXHMEM9057J The request to retrieve metrics is invalid.**

Explanation

XClarity Administrator could not retrieve metrics data collected because the request provided is invalid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please provide taskID for metrics collection.

- **FQXHMEM9058I**

Explanation**Severity**

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEM9059I There are no DM Storage managed.**

Explanation

There are no DM Storage managed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMEMF9038J A certificate for this SMTP server is already in the truststore.Do you want to replace the existing one with this certificate?**

Explanation

A certificate for this SMTP server is already in the truststore.Do you want to replace the existing one with this certificate?

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMFC0000N The {0} service is not available.**

Explanation

An internal error occurred.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management server and attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0001M The management server encountered an internal error while attempting to import the image into the image repository.**

Explanation

The management server encountered an internal error while attempting to import the image into the image repository.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management server and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0002M The specified operating system image is not valid.**

Explanation

The specified operating system image is not valid.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a supported operating system image.

- **FQXHMFC0003M The imported operating systems could not be retrieved from the image repository.**

Explanation

The imported operating systems could not be retrieved from the image repository.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management server and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0004M An internal error occurred.**

Explanation

An internal error occurred.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0005M At least one server must be specified as a target when deploying an image.**

Explanation

An internal error (missing deployment target) occurred while attempting to deploy the operating system image.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation, specifying a valid server.

- **FQXHMFC0006M The number of image deployments in progress ({0}) and the newly requested image deployments ({1}) exceeds the maximum number of images that can be deployed concurrently. You can deploy a maximum of ({2}) images concurrently.**

Explanation

The number of image deployments in progress ({0}) and the newly requested image deployments ({1}) exceeds the maximum number of images that can be deployed concurrently. You can deploy a maximum of ({2}) images concurrently.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Change your request to specify the number of concurrent image deployments that will fit within the allowed maximum amount.

- **FQXHMFC0007M The image for server {0} cannot be deployed.**

Explanation

An internal error (missing image deployment data) occurred while attempting to deploy the operating system image for the server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0008M An internal error occurred while attempting to deploy an operating system image.**

Explanation

An internal error (missing deployment target) occurred while attempting to deploy the operating system image.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0009M The operating system deployment process did not complete for server {0}.**

Explanation

The image deployment process for this server did not complete because another image deployment is already in progress for this server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait for the currently running image deployment to complete and retry the deployment. If the problem persists, contact Support.

- **FQXHMFC0011I Pre-deployment validation completed successfully for all specified servers.**

Explanation

Pre-deployment validation completed successfully for all specified servers.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0012M The operating system deployment process did not complete for server {0}. The image deployment process for this server has timed out while preparing for image deployment at {1}.**

Explanation

The operating system deployment process did not complete for server {0}. The image deployment process for this server has timed out while preparing for image deployment at {1}.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Make sure that the server is functioning and that there is a working network connection between the management server and the server.

- **FQXHMFC0013I All server preparation for image deployment has completed successfully.**

Explanation

All server preparation for image deployment has completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0014I Started monitoring image deployment.**

Explanation

Started monitoring image deployment.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0015M The operating system deployment process did not complete for server {0}. The image deployment process for this server has timed out because its status has not been updated from {1} in the last {2} minutes.**

Explanation

The operating system deployment process did not complete for server {0}. The image deployment process for this server has timed out because its status has not been updated from {1} in the last {2} minutes.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Make sure that the server is functioning and that there is a working network connection between the management server and the server.

- **FQXHMFC0016I Operating system deployment completed successfully on server {0}.**

Explanation

Operating system deployment completed successfully on server {0}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0017I Operating system deployment has completed for all specified servers.**

Explanation

Operating system deployment has completed for all specified servers.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0018M The operating system deployment process did not complete for the server.**

Explanation

The image deployment process did not complete because the management server could not create a node profile for this server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0019M The operating system deployment process did not complete for server {0}.**

Explanation

The image deployment process for this server did not complete because an internal exception occurred while creating a node profile for this server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0020M The operating system deployment process did not complete for the server.**

Explanation

The image deployment process did not complete because the management server could not get node profile information for this server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0021M The operating system deployment process did not complete for server {0}.**

Explanation

The image deployment process for this server did not complete because a node profile was not found for this server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0022M Could not delete node profile information for the server.**

Explanation

An internal error occurred while attempting to delete node profile.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0023M The operating system deployment process did not complete for the server.**

Explanation

The image deployment process did not complete because the management server could not create a bootable ISO image for this server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC00242M The deployment-data and software location value contains a forward slash character.**

Explanation

The deployment-data and software location value contains a forward slash character.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Remove any forward slashes, and try again.

- **FQXHMFC00243M The deployment-data and software location value contains a back slash character.**

Explanation

The deployment-data and software location value contains a back slash character.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Remove any back slashes, and try again.

- **FQXHMFC00244M The unattend file did not contain the {0} macro. The unattend file may not have scripts critical for the deploy to be successful.**

Explanation

Scripts critical to the deploy process will not be added to the unattend file by LXCA.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Make sure the unattend file contains the critical scripts, or add the macro to the unattend file.

- **FQXHMFC0024M The operating system deployment process did not complete for server {0}.**

Explanation

The image deployment process did not complete because the management server could not create a bootable ISO image for this server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0025M The operating system deployment process did not complete for the server.**

Explanation

The image deployment process did not complete because the management server could not mount the remote media to this server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Make sure that the server is functioning and that there is a working network connection between the management server and the server. Then attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0027M The operating system deployment process did not complete for server {0}.**

Explanation

The image deployment process did not complete because the management server could not mount the remote media {0} to this server (error code of {1}).

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Make sure that the server is functioning and that there is a working network connection between the management server and the server. Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0028M Could not unmount the bootable ISO due to missing information about the server.**

Explanation

An internal error (missing server target) occurred while attempting to unmount the bootable ISO.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0029M Could not unmount remote media {0} from server {1}.**

Explanation

Could not unmount remote media {0} from server {1}.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0030M An {0} error occurred during the unmount of remote media {1} from server {2}.**

Explanation

An {0} error occurred during the unmount of remote media {1} from server {2}.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0031M The operating system deployment process did not complete for the server.**

Explanation

The image deployment process did not complete because the management server could not modify the UEFI boot sequence for this server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Make sure that the server is functioning and that there is a working network connection between the management server and the server. Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0032M The operating system deployment process did not complete for server {0}.**

Explanation

The image deployment process did not complete because the management server could not modify the UEFI boot sequence for this server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Make sure that the server is functioning and that there is a working network connection between the management server and the server. Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0033M The operating system deployment process did not complete for the server.**

Explanation

The image deployment process did not complete because this server did not restart.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0034M The operating system deployment process did not complete for server {0}.**

Explanation

The image deployment process did not complete because the management server cannot restart or power on this server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Make sure that the server is functioning and that there is a working network connection between the management server and the server. Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0035M An internal error occurred due to an invalid or missing value for {0} property in the FlexCat.properties file.**

Explanation

An internal error occurred due to an invalid or missing value for {0} property in the FlexCat.properties file.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0036M An internal error occurred (JSON response {0}).**

Explanation

An internal error occurred (JSON response {0}).

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0037M REST method {0} is not supported.**

Explanation

REST method {0} is not supported.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0038I Management Server is checking the bundle file.**

Explanation

Management Server is checking the bundle file.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0039M Image deployment status {0} reported for image deployment {1} is not valid.**

Explanation

An internal error occurred.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

If the deployment failed, attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0040G Image deployment for server {0} is not in progress.**

Explanation

An internal error (missing server target) occurred.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0041I A node profile {0} was created successfully for image deployment.**

Explanation

A node profile {0} was created successfully for image deployment.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0042I A bootable ISO image was created successfully for operating system {0} with image name {1}.**

Explanation

A bootable ISO image was created successfully for operating system {0} with image name {1}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0043I Bootable ISO image {0} mounted successfully to server {1}.**

Explanation

Bootable ISO image {0} mounted successfully to server {1}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0044I The UEFI boot order sequence was modified successfully for server {0}.**

Explanation

The UEFI boot order sequence was modified successfully for server {0}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0045I Restarting server {0} to boot from the mounted ISO image {1} and perform operating system installation.**

Explanation

Restarting server {0} to boot from the mounted ISO image {1} and perform operating system installation.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0046I Preparing server {0} to boot to the installation environment completed successfully.**

Explanation

Preparing server {0} to boot to the installation environment completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0047M The operating system deployment process did not complete for server {0}. An error occurred while trying to restart the server.**

Explanation

The operating system deployment process did not complete for server {0}. An error occurred while trying to restart the server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait several minutes and verify that the image was successfully deployed on the server by attempting to discover the operating system through the management server.

- **FQXHMFC0048M The operating system deployment process did not complete for server {0}. The image deployment process for this server has timed out because its status has not been updated from {1} in the last {2} minutes.**

Explanation

The operating system deployment process did not complete for server {0}. The image deployment process for this server has timed out because its status has not been updated from {1} in the last {2} minutes.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Make sure that the server is functioning and that there is a working network connection between the management server and the server. Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0051I Bootable ISO image {0} mounted successfully to server {1}(1).**

Explanation

Bootable ISO image {0} mounted successfully to server {1}(1).

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0052M A remote file server with the same name already exists.**

Explanation

Remote file server names must be unique.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Specify a unique name and retry the request.

- **FQXHMFC0053M Global settings have not been applied.**

Explanation

The IP assignment mode for image deployments cannot be changed while there are images currently being deployed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait until all images have been deployed and retry the operation.

- **FQXHMFC0054M Global settings have not been applied.**

Explanation

The IP assignment mode for image deployments cannot be changed because an internal error occurred. If you are setting IPv6 mode, please make sure you have configured Lenovo XClarity Administrator with a valid static IPv6 address.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0055M The operating system cannot be deployed for server {0}.**

Explanation

The management server cannot deploy the operating system to the server because there is not enough free storage space in {0} on the management server to host the bootable ISO image.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Delete an image from the management server image repository and retry the operation.

- **FQXHMFC0056M The specified operating system profile cannot be deleted.**

Explanation

An internal error occurred while attempting to delete the operating system profile.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid operating system profile to be deleted.

- **FQXHMFC0057M The maximum number of imported operating systems has been reached.**

Explanation

The management server supports a maximum of {0} imported operating system images.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Delete an operating system image and attempt to import the image again.

- **FQXHMFC0058N The image deployment service is disabled.**

Explanation

The image deployment service is disabled.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management server and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0059M The default operating system credentials have not been changed.**

Explanation

The default operating system credentials cannot be changed while there are images currently being deployed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait until all images have been deployed and retry the operation.

- **FQXHMFC0060M The default operating system credentials have not been changed.**

Explanation

An error occurred while updating the default operating system credentials for key {0}.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0061M The default operating system credentials have not been changed.**

Explanation

An error occurred while updating the default operating system credentials.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0062M Could not get the default credentials to be used during operating system deployment.**

Explanation

Could not get the default credentials to be used during operating system deployment.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0063M The operating system image {0} cannot be imported.**

Explanation

The management server image repository directory does not have enough free space to import the given operating system image of size {0}.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Delete unused operating system images and attempt the import operation again.

- **FQXHMFC0065M The operating system deployment process did not complete for server {0}.**

Explanation

An unknown error occurred during the operating system installation.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0066M The operating system deployment process did not complete. Deployment of the ESXi operating system to SAN storage volume {0} is not supported to this server because it has a local disk drive present.**

Explanation

The operating system deployment process did not complete. Deployment of the ESXi operating system to SAN storage volume {0} is not supported to this server because it has a local disk drive present.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Disable the local disk drive using the uEFI setup for this server and attempt to deploy this image again.

- **FQXHMFC0067M The operating system deployment process did not complete. The selected storage option of {0} was not found or the storage configuration is not supported for this server during the operating system installation.**

Explanation

The operating system deployment process did not complete. The selected storage option of {0} was not found or the storage configuration is not supported for this server during the operating system installation.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For more information, see the online documentation.

- **FQXHMFC0068M The operating system deployment process did not complete. An unsupported USB key was found for this server during the operating system installation.**

Explanation

The operating system deployment process did not complete. An unsupported USB key was found for this server during the operating system installation.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Make sure that the server has a supported USB key. Attempt to deploy the image again. If the problem persists, contact Support.

- **FQXHMFC0069M The operating system deployment process did not complete for server {0} ({1}).**

Explanation

The image deployment process for this server did not complete because the selected storage option of {0} is not valid.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Attempt to deploy the image again using a valid storage option. If the problem persists, contact Support.

- **FQXHMFC0070M The operating system deployment process did not complete for server {0} ({1}).**

Explanation
The selected storage option of {0} is not a valid storage option for deploying the {1} operating system.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Attempt to deploy the image again using a valid storage option. If the problem persists, contact Support.

- **FQXHMFC0071M The operating system deployment process did not complete for server {0} ({1}).**

Explanation
The selected storage option of {0} is not a valid storage option for this server.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Attempt to deploy the image again using a valid storage option. If the problem persists, contact Support.

- **FQXHMFC0072M The operating system deployment process did not complete for server {0} ({1}).**

Explanation
The image deployment process for this server did not complete because the management server cannot identify the selected SAN storage volume {0}.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action

From the management server, verify that the correct SAN storage volume is selected and attempt to deploy the image again. If the problem persists, contact Support.

- **FQXHMFC0073M The operating system deployment process has been stopped for server {0} ({1}).**

Explanation

The input value for {0} is not valid.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to deploy the image again using a valid value. If the problem persists, contact Support.

- **FQXHMFC0074I The operating system deployment process will be using the {0} method for assigning an IP address when configuring the deployed operating system.**

Explanation

The operating system deployment process will be using the {0} method for assigning an IP address when configuring the deployed operating system.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0075M The operating system deployment process has been stopped for server {0} ({1}).**

Explanation

This server is configured to boot in legacy only mode.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Configure the boot mode to "UEFI Only" or "UEFI and Legacy" using Configuration Patterns on the management server or the UEFI setup on this server and attempt to deploy this image again.

- **FQXHMFC0077M The maximum number of OS images or custom files that can be imported concurrently has been reached.**

Explanation

Only one OS image or custom file can be imported at a time.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait until the active OS image or custom file is imported into the management server, and then attempt the operation again.

- **FQXHMFC0078M Already at the maximum number of image operations concurrently.**

Explanation

Only one image delete or import operation is allowed at a time.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait until the previous operation is finished. Then, attempt the operation again.

- **FQXHMFC0079M An OS image or custom file with the same file name exists in the OS-images repository.**

Explanation

The existing file in the OS-images repository cannot be overwritten.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Delete the existing file from the repository before uploading the new OS image or custom file.

- **FQXHMFC0080M Unable to obtain the list of all chassis.**

Explanation

An internal error occurred while obtaining the list of all chassis.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0081M Unable to mount the ISO image from the server.**

Explanation

An internal error occurred while mounting the ISO image.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0082M Unable to unmount the ISO from the server.**

Explanation

An internal error occurred while unmounting the ISO image.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0083M Unable to deploy the operating system to the server.**

Explanation

An internal error occurred while deploying the operating system.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0084M Verification of checksum failed.**

Explanation

The checksum algorithm is not supported in the system.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Contact Support.

- **FQXHMFC0085M The checksum of the imported file does not match the provided checksum.**

Explanation

This issue can occur when there are network issues or when the wrong checksum was provided.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the checksum matches imported file, and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0086M Could not set the host name to be used during operating system deployment.**

Explanation

Could not set the host name to be used during operating system deployment.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Make sure your host name is less than 16 characters long and attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0087M Unable to obtain the list of all nodes.**

Explanation

An internal error occurred while obtaining the list of all nodes.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0093M Authentication failed.\nMake sure that the user ID and password are correct. Then, try again.**

Explanation

Authentication failed.\nMake sure that the user ID and password are correct. Then, try again.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

See the event log for more information about resolving the issue. If the problem persists, contact support.

- **FQXHMFC0094F Another user is currently logged into remote media for this server. Only one user may be logged into remote media functions at a time.**

Explanation

Another user is currently logged into remote media for this server. Only one user may be logged into remote media functions at a time.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

See the event log for more information about resolving the issue. If the problem persists, contact support.

- **FQXHMFC0095F The operation being attempted has timed out. The operation was : {0}.**

Explanation

The operation being attempted has timed out. The operation was : {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

See the event log for more information about resolving the issue. If the problem persists, contact support.

- **FQXHMFC0097F There are not enough available drives on the server to mount all selected devices.**

Explanation

There are not enough available drives on the server to mount all selected devices.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0098F Unable to determine the type of drive for Virtual Media.**

Explanation

Unable to determine the type of drive for Virtual Media.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0099F Could not map a drive for the following device: {0}.**

Explanation

Could not map a drive for the following device: {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

See the event log for more information about resolving the issue. If the problem persists, contact support.

- **FQXHMFC0100M Unable to mount to the server because a connection could be established.**

Explanation

Unable to mount to the server because a connection could be established.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

See the event log for more information about resolving the issue. If the problem persists, contact support.

- **FQXHMFC0101F A socket error has occurred. All connections have been closed.**

Explanation

A socket error has occurred. All connections have been closed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

See the event log for more information about resolving the issue. If the problem persists, contact support.

- **FQXHMFC0102F An internal operating system deployment error has occurred for the server.**

Explanation

The operating system deployment process did not complete because an internal error has occurred.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0103M A serious error has occurred.**

Explanation

A serious error has occurred.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

See the event log for more information about resolving the issue. If the problem persists, contact support.

- **FQXHMFC0104M Could not mount the remote drive to the server.**

Explanation

Could not mount the remote drive to the server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

See the event log for more information about resolving the issue. If the problem persists, contact support.

- **FQXHMFC0105M Could not upload the image to the server.**

Explanation

Could not upload the image to the server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

See the event log for more information about resolving the issue. If the problem persists, contact support.

- **FQXHMFC0106M Could not upload the image to the server due to insufficient space on the server.**

Explanation

Could not upload the image to the server due to insufficient space on the server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Make sure that there is sufficient space on the server for the image. Then, attempt the operation again.

- **FQXHMFC0107M Could not upload the image to the server because another image with the same name already exists on the server.**

Explanation

Could not upload the image to the server because another image with the same name already exists on the server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Remove the existing image from the server. Then, attempt the operation again.

- **FQXHMFC0108F Could not remove the image from the server.**

Explanation

Could not remove the image from the server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0109M Could not initialize the connection to the server. The exception was: {0}.**

Explanation

Could not initialize the connection to the server. The exception was: {0}.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

See the event log for more information about resolving the issue. If the problem persists, contact support.

- **FQXHMFC0110F Cannot mount the device {{0}} to a server because it is currently mounted to a different server.**

Explanation

Cannot mount the device {{0}} to a server because it is currently mounted to a different server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Unmount the device from the other server, and attempt the operation again.

- **FQXHMFC0111F Unable to make a connection to the server.**

Explanation

Unable to make a connection to the server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

See the event log for more information about resolving the issue. If problem persist, contact support.

- **FQXHMFC0112M The operating system deployment process did not complete for the server.**

Explanation

The operating system deployment process did not fully complete because the installer could not be unmounted from the server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

If the operating system was not installed, restart the BMC and attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0113M The operating system deployment process did not complete for the server.**

Explanation

The operating system deployment process did complete because the installer could not be mounted to the server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the BMC and attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0114F Images cannot be managed or deployed because the management server does not have a valid IP address configured for the operating system image deployment network interface.**

Explanation

To manage or deploy an image, the management server must be able to communicate with the servers using an IP address over the image deployment network interface.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Go to the Network Access page and make sure that the management server has a valid IP address that exists on the image deployment network interface.

- **FQXHMFC0115F Images cannot be managed or deployed because the operating system deployment network interface is not configured.**

Explanation

To manage or deploy an image, the management server must be able to communicate with the server over the management and the operating system deployment network interfaces (or both network interfaces must be the same).

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Go to the Network Access page and modify the network configuration to enable the management server to communicate with servers over both interfaces.

- **FQXHMFC0116M Cannot lock server {0}.**

Explanation

When deploying an OS image to a server, the management server must lock the server. However, the management server cannot lock the node now because it is in use by one or more jobs.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the OS image deploy after those jobs have completed. If the problem persists, contact Support.

- **FQXHMFC0117M An OS image could not be deployed due to an internal error.**

Explanation

An internal error while attempting to deploy the operating system image to the server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0118I The running job was canceled successfully.**

Explanation

The running job was canceled successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0119M Cannot cancel the running job.**

Explanation

The currently running job cannot be canceled because it is too far along in the process (operating system installation has already started).

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait until the running job completes. Then check the Job log for any issues that might have occurred during the job.

- **FQXHMFC0120I OS deployment to server ({{0}}) has been started.**

Explanation

It might take a few minutes to deploy the images. You can monitor progress from the Jobs list.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0121M The operating system deployment process did not complete for the server {0}.**

Explanation

Failed remote media authentication with service processor, error code: {0}.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

If the operating system was not installed, restart the BMC and attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0123M The operating system deployment process did not complete for server {0} ({1}).**

Explanation

The image deployment process for this server did not complete because the hardware is in secure boot mode.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to deploy again after the node is out of secure boot mode.

- **FQXHMFC0126M The operating system deployment process did not complete for server {0}.**

Explanation

The image deployment process for this server did not complete because it is not managed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to deploy again after node is managed.

- **FQXHMFC0127M Unable to obtain the nodes in deploying status.**

Explanation

An internal error occurred while obtaining the nodes in deploying status.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0128M Unable to obtain the Global Setting data.**

Explanation

An internal error occurred while obtaining the Global Setting data.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0129M Unable to set the Global Setting data.**

Explanation

An internal error occurred while setting the Global Setting data.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0130M Unable to set the Global Setting data.**

Explanation

The request data is not valid while setting the Global Setting data.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Modify your request data. If the problem persists, contact Support.

- **FQXHMFC0131M Global settings have not been applied.**

Explanation

The IP assignment mode for image deployments cannot be changed while there are images currently being imported.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait until all images have been imported and retry the operation.

- **FQXHMFC0132M The number of Microsoft Windows image deployments in progress ({0}) and the newly requested Microsoft Windows image deployments ({1}) exceeds the maximum number of Microsoft Windows images that can be deployed concurrently. You can deploy a maximum of ({2}) Microsoft Windows images concurrently.**

Explanation

The number of Microsoft Windows image deployments in progress ({0}) and the newly requested Microsoft Windows image deployments ({1}) exceeds the maximum number of Microsoft Windows images that can be deployed concurrently. You can deploy a maximum of ({2}) Microsoft Windows images concurrently.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Change your request to specify the number of concurrent Microsoft Windows image deployments that will fit within the allowed maximum amount.

- **FQXHMFC0133I The running job of importing OS image {0} was canceled successfully.**

Explanation

The OS import was canceled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0134I Uploading the file {0} to the OS images repository.**

Explanation

Uploading the file {0} to the OS images repository.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0135I Copying the file {0} to the OS images repository.**

Explanation

Copying the file {0} to the OS images repository.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0136I Management Server is checking the checksum of the uploaded image {0}.**

Explanation

Management Server is checking the checksum of the uploaded image {0}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0137I The file {0} was imported to the OS images repository successfully.**

Explanation

The file {0} was imported to the OS images repository successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0138I Importing the operating system {0} was canceled by user {1}.**

Explanation

Importing the operating system image was canceled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0139M The operating system deployment process did not complete. The deployment process detected an additional attached disk drive {0} that contains a System type partition {1}.**

Explanation

The deployment process has detected an additional attached disk drive {0} that contains a System type partition {1}. Microsoft Windows requires that no other System type partitions can exist for the unattended installation to complete successfully.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Reconfigure the storage on the server so only the target disk drive is visible and attempt to deploy the image again.

- **FQXHMFC0140M Can not process the request.**

Explanation

The data sent from client is not valid.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please correct your data, then make the request again.

- **FQXHMFC0141M The management server encountered an internal error while attempting to import the image into the image repository.**

Explanation

The data sent to the management server is not valid or the stream was closed by accident from client side.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please correct your data to match the media type format ("multipart/form-data"), then make the request again, please keep the connection is alive before all the data is sent to the management server.

- **FQXHMFC0142M Unable to obtain the inventory change of the nodes.**

Explanation

The management server encountered an internal error while attempting to get the inventory change of the nodes.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management server and attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0143M The operating system image cannot be imported.**

Explanation

The management server image repository directory does not have enough free space to import the given operating system image of size {0}.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Delete unused operating system images and attempt the import operation again.

- **FQXHMFC0144M The import job cannot be created.**

Explanation

The management server encountered an internal error while attempting to create an OS import job.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management server, and attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0145M The file was not imported into the OS images repository successfully.**

Explanation

The import operation might fail if there is a network problem.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify your network connection and attempt to import the file again.

- **FQXHMFC0146I The management server is waiting for the next import request.**

Explanation

The next request must be made in 30 seconds.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0149I Importing the operating system was canceled by user {0}.**

Explanation

Importing the operating system image was canceled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0150M An internal error occurred while attempting to save data for Global Settings.**

Explanation

The license key could not be read from FlexCat.properties.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to save the data again. If the problem persists, contact Support.

- **FQXHMFC0151M An internal error occurred while attempting to save data for Global Settings.**

Explanation

The Active Directory data could not be read from FlexCat.properties.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to save the data again. If the problem persists, contact Support.

- **FQXHMFC0152M An internal error occurred while attempting to save data for Global Settings.**

Explanation

The license key could not be written to FlexCat.properties.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to save the data again. If the problem persists, contact Support.

- **FQXHMFC0153M An internal error occurred while attempting to save data for Global Settings.**

Explanation

The Active Directory data could not be written to FlexCat.properties.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to save the data again. If the problem persists, contact Support.

- **FQXHMFC0154M The file name extension for the imported file is not correct. Ensure that the imported file has the correct extension for the type of file that is being imported, and try the import again.**

Explanation

Only files with the correct extension for the type of file being imported are allowed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the imported file has the correct extension for the type of file that is being imported, and try the import again.

- **FQXHMFC0155M The operating system deployment process has been stopped for server {0} ({1}).**

Explanation

The operating system deployment process was stopped because it is missing required {0} Active Directory information.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Specify all Active Directory information and attempt to deploy the image again passing required active directory information.

- **FQXHMFC0156M The operating system deployment process has been stopped for server {0} ({1}).**

Explanation

The operating system deployment process was stopped because the specified domain distinguished name contains syntax that is invalid for the Active Directory {0}.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Specify valid syntax for the active directory domain and organizational unit and attempt to deploy the image again.

- **FQXHMFC0157M The operating system deployment process did not complete for server {0} ({1}).**

Explanation

The selected SAN storage volume of {0} is not a valid storage option for deploying the {1} operating system. The {2} operating system only can be deployed to the first SAN storage volume.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

From the management server, verify that the correct SAN storage volume is selected and attempt to deploy the image again. If the problem persists, contact Support.

- **FQXHMFC0158I The operating system deployment process status has not changed for {0} minutes.**

Explanation

Deployment will continue until the timeout value is reached, but remote control for the server might have additional information on the installation progress.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0159I Deployment updated with MAC address {0}..**

Explanation

Deployment updated with MAC address {0}..

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0160I The running job of importing OS image was canceled successfully.**

Explanation

The OS import was canceled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0160M Could not retrieve the samba credentials to be used during operating-system deployment.**

Explanation

Could not retrieve the samba credentials to be used during operating-system deployment.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0161I Uploading the file to the OS images repository.**

Explanation

Uploading the file to the OS images repository.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0162I Uploading the file to the OS images repository.**

Explanation

Uploading the file to the OS images repository.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0163M The imported file type was not recognized.**

Explanation

The file type of each imported file must be one of the recognized values.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the file type parameter is correct, and try the import again.

- **FQXHMFC0164I The file {0} was imported to management server successfully.**

Explanation

The file {0} was imported to management server successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0165M An image by that name already exists in the image repository.**

Explanation

A driver update disk image with the same file name has already been imported. The existing image in the image repository cannot be overwritten.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Before uploading this image to the repository, delete the existing image from the repository.

- **FQXHMFC0166M The operating system deployment process has been stopped for server {0} ({1}).**

Explanation

The selected MAC address is AUTO.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Select a different MAC Address that is not AUTO, or disable VLAN mode under global settings.

- **FQXHMFC0167M The remote file import operation failed.**

Explanation

A connection cannot be established to the remote file server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For more information, see the online documentation.

- **FQXHMFC0168M The remote file import operation failed.**

Explanation

A connectivity issue occurred while transferring the image from the remote file server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For more information, see the online documentation.

- **FQXHMFC0169M The remote file import operation failed.**

Explanation

The selected server is not available.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Refresh the page, and select another remote file server.

- **FQXHMFC0170M The remote file import operation failed.**

Explanation

An authentication issue occurred while connecting to the remote file server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify your credentials, and attempt to log in to the remote file server again.

- **FQXHMFC0171M A secure connection to the server could not be completed successfully.**

Explanation

Potential reasons for this issue include: The server could not be reached because the address and port number are not correct. The transport layer security handshake could not be completed because the server is not configured to use transport layer security on given port. The server certificate could not be verified because the correct trusted certificates have not been imported. The server certificate appears on a certificate revocation list.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the correct trusted certificates have been imported and that the certificates have not been revoked. Then, attempt the operation again, specifying the correct address and port number.

- **FQXHMFC0172M The remote file import operation failed.**

Explanation

The specific file cannot be found on the remote file server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For more information, see the online documentation.

- **FQXHMFC0173M The remote file import operation failed.**

Explanation

A transferring algorithm that is supported by Lenovo XClarity Administrator cannot be found on the remote file server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the remote file server supports at least one algorithm that is supported by Lenovo XClarity Administrator for each type of algorithm that is required by SSH.

- **FQXHMFC0174M The request could not be completed due to malformed syntax.**

Explanation

The request has invalid or missing property {0}.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Modify the request and send this request again.

- **FQXHMFC0175M The OS file operation could not be completed successfully.**

Explanation

The selected file is no longer available.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Reload the page, and select another OS file.

- **FQXHMFC0176M The files cannot be imported.**

Explanation

The management server repository does not have enough free space to import the specified files of size {0}.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Delete unused operating system images and files, and attempt the import operation again.

- **FQXHMFC0177M A secure connection to the server could not be completed successfully.**

Explanation

The HTTPS server certificate cannot be verified because the trusted certificate was not imported or was revoked.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Import the trusted certificate for the remote file server on the Trusted Certificates page, and ensure that the certificate is not revoked on the Certificate Revocation List page.

- **FQXHMFC0178M XClarity Administrator cannot connect to the specified host.**

Explanation

XClarity Administrator cannot connect to the specified host.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify the IP address, and try again.

- **FQXHMFC0179M A connection cannot be established to the remote file server.**

Explanation

Potential reasons for this issue include: The server could not be reached because the address and port number are not correct. The transport layer security handshake could not be completed because the server is not configured to use transport layer security on given port.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again specifying the correct address and port number.

- **FQXHMFC0180M Authentication issue occurred while trying to connect to the remote file server.**

Explanation

An authentication issue occurred while attempting to connect to the root folder on the remote file server. Verify your credentials.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

If you have access to a specific subfolder and you are confident that the credentials are correct, you can attempt to upload or download files from the remote file server in that subfolder.

- **FQXHMFC0181M The received profile Id was not found on server.**

Explanation

The received profile Id was not found on server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0182M An error has found when saving the custom profile on internal databases.**

Explanation

An error has found when saving the custom profile on internal databases.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0183M The management server encountered an internal error while attempting to save the custom profile into the repository.**

Explanation

The management server encountered an internal error while attempting to save the custom profile into the repository.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0184M Some internal error happened during the FlexCat management of custom profiles.**

Explanation

Some internal error happened during the FlexCat management of custom profiles.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0185M The custom profile could not be exported.**

Explanation

The custom profile could not be exported.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0186M You cannot import OS-image profiles that were generated from later releases of the management server.**

Explanation

You can import only OS-image profiles that were generated from a management server at the same or earlier level as the target management server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0187M The imported profile requires a base operating system not available in this appliance.**

Explanation

The imported profile requires a base operating system not available in this appliance.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0188M The current appliance does not have enough space to import this custom profile.**

Explanation

The current appliance does not have enough space to import this custom profile.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0191I The management server is waiting for beginning the export custom profiles process.**

Explanation

This should happen in 30 seconds.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0192M The custom profile export job can not be created.**

Explanation

The management server encountered an internal error while attempting to create an export profile job.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management server and attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMFC0193I Exporting the custom profile.**

Explanation

Exporting the custom profile.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0194I The custom profile was exported successfully.**

Explanation

The custom profile was exported successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0195M The custom profile name must not be changed.**

Explanation

The custom profile name must not be changed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0196M One or more items to be deleted could not be removed from the system.**

Explanation

The management server encountered an internal error while attempting to delete a given item.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify if the given item id is registered on the system, and see the logs for further details.

- **FQXHMFC0197M The specified remote-file-server ID is not valid.**

Explanation

Ensure that the ID exists and is in the correct format.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0198M An internal error occurred while reading the remote-file-server information.**

Explanation

An internal error happened when reading the remote server information.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0199M The specified path to the remote-file-server does not exist or is not reachable.**

Explanation

The specified path to save the profile does not exist on the remote file server, or the path does not have the required permissions to allow writing a file on it.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0200M The custom profile cannot be transferred to the remote file server.**

Explanation

An internal error occurred while transferring the custom profile tar.gz file to the remote file server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0201M The checksum value cannot be generated for the custom profile.**

Explanation

The checksum value cannot be generated for the custom profile.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0202M The checksum value cannot be calculated for the imported custom profile.**

Explanation

The checksum value cannot be calculated for the imported custom profile.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0203M The custom profile could not be imported.**

Explanation

The custom profile could not be imported.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0204M A secure connection to the remote file server could not be completed successfully.**

Explanation

The HTTPS server certificate cannot be verified because the imported certificate has no subject alternative names present.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Import the trusted certificate for the remote file server on the Trusted Certificates page, ensure that the certificate is not revoked on the Certificate Revocation List page, and verify that the certificate has subject alternative names present.

- **FQXHMFC0205M A secure connection to the server could not be completed successfully.**

Explanation

The HTTPS server certificate cannot be verified because the imported certificate has no subject alternative names present with matching IP address.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Import the trusted certificate for the remote file server on the Trusted Certificates page, ensure that the certificate is not revoked on the Certificate Revocation List page and check if the certificate has subject alternative names present with matching IP address.

- **FQXHMFC0206M Could not set the hostname to be used during operating-system deployment.**

Explanation

Could not set the hostname to be used during operating-system deployment.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the hostname contains strings (labels) that are separated by a period (.). Each label can contain ASCII letters, digits, and dashes (-); however, the label cannot start or end with a dash and cannot contain only digits. The first label can be 2 - 15 characters in length, and subsequent labels can be 2 - 63 characters in length. The total length of the host name must not exceed 255 characters.

- **FQXHMFC0207M A customized OS-image profile with the same name already exists.**

Explanation

Customized OS-image profile names must be unique on the management server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Remove the existing customized profile from the server. Then, attempt the operation again.

- **FQXHMFC0208M The profile that you are attempting to import has no metadata file.**

Explanation

The profile that you are attempting to import has no metadata file.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a profile that contains a metadata file.

- **FQXHMFC0209M The server was not able to join the specified Active Directory domain.**

Explanation

The Active Directory domain join attempt failed. The error message from the join attempt is: {0}.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the Active Directory credentials and network settings are correct, and attempt to deploy the image again. If the problem persists, contact Support.

- **FQXHMFC0210M The server successfully joined the Active Directory domain {0}.**

Explanation

The server successfully joined the Active Directory domain {0}.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0211M The server successfully joined Active Directory using the specified metadata.**

Explanation

The server successfully joined Active Directory using the specified metadata.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0212M An internal error occurred while extracting the uploaded .tar file.**

Explanation

An unexpected error occurred while extracting the uploaded .tar file that contains the custom profile information.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the file is not corrupted. If the problem persists, contact Support.

- **FQXHMFC0213I Some predefined device drivers and boot-option files were updated. Any customized os-image profiles using these files were automatically updated to include the new files.**

Explanation

Some predefined device drivers and boot-option files were updated. Any customized os-image profiles using these files were automatically updated to include the new files.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0214M The operating-system deployment did not complete. The deployment process detected an embedded hypervisor key that is connected to the server.**

Explanation

Deployment of Windows images to servers with embedded hypervisor keys is not supported.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Physically remove the embedded hypervisor key from the server, and attempt to deploy the image again.

- **FQXHMFC0215M The profile name contains a character that is not valid. Profile names can only contain the following characters: Lowercase characters (a-z) Uppercase characters (A-Z) Numbers (0-9) Underscore (_) Dash (-).**

Explanation

The profile name contains a character that is not valid. Profile names can only contain the following characters: Lowercase characters (a-z) Uppercase characters (A-Z) Numbers (0-9) Underscore (_) Dash (-).

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please enter a new profile name that meets this criteria.

- **FQXHMFC0216M The import request is already in progress.**

Explanation

The request received conflicts with a request already in progress. The request may have been resent by the browser.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

The original request will continue processing. View the job to monitor progress. Refresh the page if necessary when the job is complete.

- **FQXHMFC0217M The description contains a character that is not valid. Description can only contain the following characters: Lowercase characters (a-z) Uppercase characters (A-Z) Numbers (0-9) Underscore (_) Dash (-).**

Explanation

The description contains a character that is not valid. Description can only contain the following characters: Lowercase characters (a-z) Uppercase characters (A-Z) Numbers (0-9) Underscore (_) Dash (-).

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please enter a new description that meets this criteria.

- **FQXHMFC0218M Deployment validation checking failed for a server.**

Explanation

The deploy request could not be started. A server was not ready for deployment or current settings are not supported on specific OS.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Refresh the Deploy OS Images page and check the server status and the deployment settings. Retry the deploy if the server is ready. For more information, see the online documentation.

- **FQXHMFC0219M You must import the base {0} image before importing this KISO image.**

Explanation

kISO images require the corresponding base OS image to function.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Import the base image and then try importing the kISO again.

- **FQXHMFC0220M To deploy SLES 11 SP4 or 12 SP2 to a ThinkSystem server, you must use a kISO profile.**

Explanation

ThinkSystem servers require the use of a kISO profile to support SLES 11 SP4 and 12 SP2 deployment.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure the corresponding kISO image is imported, and select a kISO profile to deploy.

- **FQXHMFC0221M Before importing the kISO, you must first delete the base SLES operating system and then import the base operating system again.**

Explanation

Before importing the kISO, you must first delete the base SLES operating system and then import the base operating system again.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Delete the base SLES operating system and then import the base operating system again.

- **FQXHMFC0222I Custom post-installation scripts started on server {0}.**

Explanation

Custom post-installation scripts started on server {0}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0223I Custom post-installation script {0} started on server {1}.**

Explanation

Custom post-installation script {0} started on server {1}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0224I Custom post-installation script {0} completed on server {1}.**

Explanation

Custom post-installation script {0} completed on server {1}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0225I Custom post-installation scripts completed on server {0}.**

Explanation

Custom post-installation scripts completed on server {0}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0226M Errors found during validation of the custom configuration settings.**

Explanation

The custom configuration settings did not comply with the defined schema.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

An explanation and location for each error is returned in the error report. Correct the errors and resubmit the request.

- **FQXHMFC0227M Unable to update the specified resource ID.**

Explanation

Unable to update the specified resource ID.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Modify your request data. If the problem persists, contact Support.

- **FQXHMFC0228I The custom profile has completed successfully.**

Explanation

The custom profile has completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0229G The custom profile has encountered a warning during post-install. The warning message is: {0}.**

Explanation

The warning message is: {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0230M The custom profile has encountered an error during post-install. The error message is: {0}.**

Explanation

The error message is: {0}.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0231I The installation environment was created successfully.**

Explanation

The installation environment was created successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0232I Preparing the installation environment for the operating system.**

Explanation

Preparing the installation environment for the operating system.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0233I Installing the operating system on server {0}.**

Explanation

Installing the operating system on server {0}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0234I Starting post-installation steps on server {0}.**

Explanation

Starting post-installation steps on server {0}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0235I Restarting server {0}.**

Explanation

Restarting server {0}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0236I The initial restart to the deployed operating system completed successfully.**

Explanation

The initial restart to the deployed operating system completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0237I Downloading software payloads on server {0} to {1}.**

Explanation

Downloading software payloads on server {0} to {1}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0237M The bundle file is not supported by the current Lenovo XClarity Administrator version. Download the latest bundle file from the Lenovo Support website.**

Explanation

The bundle file is not supported by the current Lenovo XClarity Administrator version. Download the latest bundle file from the Lenovo Support website.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMFC0238I Downloading software payload {0}.**

Explanation

Downloading software payload {0}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0239I Finished downloading software payload {0}.**

Explanation

Finished downloading software payload {0}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0240G An error occurred while downloading software payload {0}: {1}.**

Explanation

{3}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0241I Finished downloading software payloads on server {0} to {1}.**

Explanation

Finished downloading software payloads on server {0} to {1}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0245M Deployment validation checking failed for a server. The following IP addresses that were specified for operating-system deployment are already in use: {0}.**

Explanation

The deploy request could not be started. A server was not ready for deployment.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Refresh the Deploy OS Images page and check the deploy status. Retry the deploy if the server is ready.

- **FQXHMFC0246I Operating system deployment stopped with errors.**

Explanation

Operating system deployment stopped with errors.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0247I Pre-deployment validation completed successfully for server {0} with UUID: {1}.**

Explanation

Pre-deployment validation completed successfully for server {0} with UUID: {1}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0248I Deployed network settings are IP Mode: {0}, IP Address: {1}, Subnet Mask: {2}, Gateway Address: {3}, DNS1: {4}, DNS2: {5}, MTU: {6}.**

Explanation

Deployed network settings are IP Mode: {0}, IP Address: {1}, Subnet Mask: {2}, Gateway Address: {3}, DNS1: {4}, DNS2: {5}, MTU: {6}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0249G An error occurred while executing post-installation script {0} on server {1}: {2}.**

Explanation

{2}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0250I Deployed node settings are Host name: {0}, MAC address: {1}, VLAN ID: {2}, Storage: {3}.**

Explanation

Deployed node settings are Host name: {0}, MAC address: {1}, VLAN ID: {2}, Storage: {3}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0251M The management server cannot validate the bundle file. Ensure that you selected a Lenovo bundle file and its associated signature file, and try again.**

Explanation

The management server cannot validate the bundle file.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that you selected a Lenovo bundle file and its associated signature file, and try again.

- **FQXHMFC0252F The management server is waiting for the required core services to start.**

Explanation

The management server is waiting for the required core services to start.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait for a few minutes and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0253M A non-zero VLAN ID was specified, but VLAN tagging is disabled. To deploy with a VLAN ID, VLAN tagging must be enabled in Global Settings.**

Explanation

A non-zero VLAN ID was specified, but VLAN tagging is disabled. To deploy with a VLAN ID, VLAN tagging must be enabled in Global Settings.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Enable VLAN tagging in Global Settings and retry the deploy.

- **FQXHMFC0254M The file could not be deleted.**

Explanation

A deployment is in progress. You cannot delete files that are associated with the profile being deployed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait until all images have been deployed and retry the operation, or cancel the job first.

- **FQXHMFC0255M You must import the installer OS image before importing this package image.**

Explanation

Package images require the corresponding installer OS image to function.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Import the installer OS image, and then try importing the package image again.

- **FQXHMFC0256I Installing custom device drivers on server {0}.**

Explanation

Installing custom device drivers on server {0}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0257I Installing custom device driver {0} on server {1}.**

Explanation

Installing custom device driver {0} on server {1}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0258I Successfully installed custom device driver {0} on server {1}.**

Explanation

Successfully installed custom device driver {0} on server {1}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0259G An error occurred while installing custom device driver {0} on server {1}: {2}.**

Explanation

An error occurred while installing custom device driver {0} on server {1}: {2}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0260I Installing custom device drivers on server {0} is complete.**

Explanation

Installing custom device drivers on server {0} is complete.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0261M The file name contains a character that is not valid. File names can contain only the following characters: lowercase characters (a-z), uppercase characters (A-Z), numbers (0-9), underscores (_), and dashes (-).**

Explanation

The file name contains a character that is not valid. File names can contain only the following characters: lowercase characters (a-z), uppercase characters (A-Z), numbers (0-9), underscores (_), and dashes (-).

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please select a new file with a name that meets this criteria.

- **FQXHMFC0262I The boot files and driver files that are associated with {0} were overwritten by a bundle file that was imported by user {1}.**

Explanation

The management server can contain boot files and driver files from only one bundle file at a time per operating-system release. If a bundle file for the same operating-system release is imported, the existing boot files and driver files for that release are overwritten with the boot files and driver files from the newly imported bundle file.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0262M The host settings for the server with the specified UUID could not be found.**

Explanation

The host settings for the server with the specified UUID could not be found.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Confirm that the specified UUID is correct and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0263M The management server encountered an internal error while attempting to retrieve the host settings.**

Explanation

The management server encountered an internal error while attempting to retrieve the host settings.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management server and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0264M The management server encountered an internal error while attempting to save the host settings.**

Explanation

The management server encountered an internal error while attempting to save the host settings.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management server and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0265M The management server encountered an internal error while attempting to delete the host settings for the server with the specified UUID.**

Explanation

The management server encountered an internal error while attempting to delete the host settings for the server with the specified UUID.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management server and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0266M Your role is not granted with enough privileges to view this information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.**

Explanation

Your role is not granted with enough privileges to view this information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Login another user which has correct privilege and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0267M Your role is not granted with enough privileges to view deploy information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.**

Explanation

Your role is not granted with enough privileges to view deploy information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Login another user which has correct privilege and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0268M Your role is not granted with enough privileges to edit deploy information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.**

Explanation

Your role is not granted with enough privileges to edit deploy information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Login another user which has correct privilege and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0269M Your role is not granted with enough privileges to view global information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.**

Explanation

Your role is not granted with enough privileges to view global information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Login another user which has correct privilege and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0270M Your role is not granted with enough privileges to edit global information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.**

Explanation

Your role is not granted with enough privileges to edit global information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Login another user which has correct privilege and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0271M Your role is not granted with enough privileges to view image repository information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.**

Explanation

Your role is not granted with enough privileges to view image repository information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Login another user which has correct privilege and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0272M Your role is not granted with enough privileges to edit OS file information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.**

Explanation

Your role is not granted with enough privileges to edit OS file information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Login another user which has correct privilege and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0273M Your role is not granted with enough privileges to delete OS file information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.**

Explanation

Your role is not granted with enough privileges to delete OS file information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Login another user which has correct privilege and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0274M Your role is not granted with enough privileges to view remote file server information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.**

Explanation

Your role is not granted with enough privileges to view remote file server information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Login another user which has correct privilege and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0275M Your role is not granted with enough privileges to edit remote file server information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.**

Explanation

Your role is not granted with enough privileges to edit remote file server information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Login another user which has correct privilege and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0276M Your role is not granted with enough privileges to delete remote file server information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.**

Explanation

Your role is not granted with enough privileges to delete remote file server information. Please contact your administrator. For information about OS deployment privileges, see "OS deployment privileges" in the XClarity Administrator online documentation.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Login another user which has correct privilege and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0277M The management server encountered an internal error while attempting to retrieve the OS information.**

Explanation

The management server encountered an internal error while attempting to retrieve the OS information.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management server and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0278M The OS information of the server with the specified UUID could not be found.**

Explanation

The OS information of the server with the specified UUID could not be found.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Confirm that the specified UUID is correct and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC0279M The operating-system images cannot be deployed.**

Explanation

The host names must be unique when performing an OS deployment.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify the host name for each device, and attempt the deployment operation again.

- **FQXHMFC0280I Extracting software payloads on server {0} to {1}.**

Explanation

Extracting software payloads on server {0} to {1}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0281I Extracting software payload {0}.**

Explanation

Extracting software payload {0}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0282I Finished extracting software payload {0}.**

Explanation

Finished extracting software payload {0}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0283J An error occurred while extracting software payload {0}: {1}.**

Explanation

{3}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please see log messages for further details.

- **FQXHMFC0284I Finished extracting software payloads on server {0} to {1}.**

Explanation

Finished extracting software payloads on server {0} to {1}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0285M The selected Customization Type Associated unattend and configuration-settings files requires the selection of at least one unattend file with an associated configuration-settings file. Import an unattend file with an associated configuration-settings file, and specify the files for use with the custom profile.**

Explanation

The selected Customization Type Associated unattend and configuration-settings files requires the selection of at least one unattend file with an associated configuration-settings file. Import an unattend file with an associated configuration-settings file, and specify the files for use with the custom profile.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For more information, see the online documentation.

- **FQXHMFC0286M The selected Customization Type Only unattend files requires the selection of at least one unattend file. Import an unattend file, and specify the file for use with the custom profile.**

Explanation

The selected Customization Type Only unattend files requires the selection of at least one unattend file. Import an unattend file, and specify the file for use with the custom profile.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For more information, see the online documentation.

- **FQXHMFC0287M The selected Customization Type Unassociated unattend and configuration-settings files requires the selection of both an unattend and configuration-settings file. Import an unattend file and a configuration-settings file, and specify the files for use with the custom profile.**

Explanation

The selected Customization Type Unassociated unattend and configuration-settings files requires the selection of both an unattend and configuration-settings file. Import an unattend file and a configuration-settings file, and specify the files for use with the custom profile.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For more information, see the online documentation.

- **FQXHMFC0288M** The selected Customization Type Unassociated unattend and configuration-settings files requires the selection of at least one unattend file. Import an unattend file, and specify the file for use with the custom profile.

Explanation

The selected Customization Type Unassociated unattend and configuration-settings files requires the selection of at least one unattend file. Import an unattend file, and specify the file for use with the custom profile.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For more information, see the online documentation.

- **FQXHMFC0289M** The selected Customization Type Unassociated unattend and configuration-settings files requires the selection of at least one configuration-settings file. Import a configuration-settings file, and specify the file for use with the custom profile.

Explanation

The selected Customization Type Unassociated unattend and configuration-settings files requires the selection of at least one configuration-settings file. Import a configuration-settings file, and specify the file for use with the custom profile.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For more information, see the online documentation.

- **FQXHMFC0290M** The selected Customization Type Only configuration-settings files requires the selection of at least one configuration-settings file. Import a configuration-settings file, and specify the file for use with the custom profile.

Explanation

The selected Customization Type Only configuration-settings files requires the selection of at least one configuration-settings file. Import a configuration-settings file, and specify the file for use with the custom profile.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For more information, see the online documentation.

- **FQXHMFC0291M** The specified customizations are not valid for this operating system.

Explanation

The specified customizations are not valid for this operating system.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying only customizations valid for this image.

- **FQXHMFC0292I Custom profile reported: {0}.**

Explanation

The custom profile running on the target server has reported a message: {0}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0293M A deployment is in progress. You cannot change the host settings while the deployment is ongoing.**

Explanation

A deployment is in progress. You cannot change the host settings while the deployment is ongoing.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait for the currently running image deployment to complete, or cancel the job first.

- **FQXHMFC0294M A deployment is in progress. You cannot delete the host settings while the deployment is ongoing.**

Explanation

A deployment is in progress. You cannot delete the host settings while the deployment is ongoing.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait for the currently running deployment to complete, or cancel the job first.

- **FQXHMFC0295I No data retrieved due to license restriction.**

Explanation

No data retrieved due to license restriction.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC0296M To deploy OS images, a Lenovo XClarity Pro license must be installed for every managed device that supports the Lenovo XClarity Administrator advanced function; however, the number of active licenses is not compliant with the number of managed devices.**

Explanation

To deploy OS images, a Lenovo XClarity Pro license must be installed for every managed device that supports the Lenovo XClarity Administrator advanced function; however, the number of active licenses is not compliant with the number of managed devices.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

To purchase licenses, contact your Lenovo representative or authorized business partner.

- **FQXHMFC0297M VLAN tagging is not supported for Linux operating-system deployments.**

Explanation

VLAN tagging is not supported for Linux operating-system deployments.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMFC049M Could not set an internal password.**

Explanation

The management server encountered an internal error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC050M Cannot get the configuration of the management server.**

Explanation

The management server encountered an internal error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC147F The image deployment service is initializing.**

Explanation

The image deployment service is initializing.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait for a few minutes and attempt the operation again. If the problem persists, contact Support.

- **FQXHMFC148M The operating system image cannot be imported.**

Explanation

The management server image repository directory does not have enough free space to import the given operating system image.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Delete unused operating system images and attempt the import operation again.

- **FQXHMFC8600G Operating systems on the selected servers will be overwritten.**

Explanation

When you deploy the images, any existing operating systems on the selected servers are overwritten. Verify that you have selected the correct servers before you continue. Additional settings are required to support operating-system deployment on the SD Media Adapter.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8601M The number of servers selected exceeds the number of deployment operations that can occur concurrently.**

Explanation

A limited number of operating-system deployment operations can occur concurrently. You have selected {0} servers. Select {1} or fewer servers and try the deployment again.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8602I The image deployment job has been started.**

Explanation

The image deployment job will run in the background. You can either monitor the status in the table below or return to the management server by selecting the link below.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8603M Operating systems cannot be deployed to some of the selected servers.**

Explanation

Before you can deploy an operating system to a server, it must be in a Ready state. The following servers are not in Ready state; they will not receive the deployed image: {0}. Make sure the IP address is configured and that the server is accessible by the management server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8604F Global settings cannot be modified while a deployment is in progress.**

Explanation

While a deployment is in progress, the global settings cannot be modified. Attempt the operation again after all deployments have been completed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8605I The following job has been created and started successfully: {0}**

Explanation

You can monitor job progress by clicking on the Display Properties link.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8606I Deployment in progress**

Explanation

When deployment is complete, return to Initial Setup and check for updates. The time required to complete the deployment depends on the number of nodes, size of the deployed image, and conditions in your network. You can monitor the progress of your job in the Jobs summary at the top of the panel.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8607F Information is still being collected about the management server and its managed chassis (if applicable).**

Explanation

The information displayed on this panel might not be complete. Wait two minutes, and refresh again. If this message persists, contact Support.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8608I Operating-system credentials must be set.**

Explanation

You must set the operating-system credentials before you deploy an operating system.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8610F Incompatible images have been filtered out**

Explanation

Some of the imported operating-system images have been filtered out of the list of available images because the operating systems are not compatible with the current TLS security mode settings. To deploy these operating systems, change the \

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8612F You must enter Active Directory credentials that will be used to join with specified domain**

Explanation

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8615F The number of servers selected exceeds the number of Microsoft Windows deployment operations that can occur concurrently.**

Explanation

A limited number of Microsoft Windows deployment operations can occur concurrently. You have selected {0} servers. Select {1} or fewer servers and try the deployment again.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8617F VLAN tagging is not supported.**

Explanation

VLAN tagging is not supported for Linux operating-system deployments.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8619F The selected file could not be imported in IE.**

Explanation

The selected file could not be imported because the file is larger than 4GB and exceeds the upload limits in IE. Please try to upload the file using another web browser (such as Chrome or Firefox), or copy the file to a remote file server and import the file using the 'Remote Import' option.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8620F The selected configuration file is invalid, therefore the Configuration Tree cannot be generated and the Common and Specific tabs are disabled.**

Explanation

Fix the configuration file using the File Editor in Manage OS Images.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8635F Some OS-images are not listed due to missing WinPE file**

Explanation

Some OS-image profiles are not in the list of available OS images because they are not associated with a WinPE boot file. To deploy these operating systems, either import a bundle file for the OS image or associate the OS-image profile with a custom WinPE boot file

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8636F OS Deployment is in Progress**

Explanation

A deployment is in progress. You cannot edit or delete files that are associated with the profile being deployed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8875I User {0} has started operating system deployment of {1} to node {2}.**

Explanation

An operating system deployment of a server has been started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8876M Operating system {0} could not be deployed to node {1} by user {2}.**

Explanation

An operating system could not be deployed to a node.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the job log for this job to determine the cause of the issue and to resolve it.

- **FQXHMFC8877I Operating system {0} was deployed to node {1} by user {2}.**

Explanation

An operating system has been deployed to a node.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8878I User {0} modified the OS deployment default credentials.**

Explanation

The OS deployment default credentials were modified.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8879I User {0} modified the OS deployment network mode.**

Explanation

The OS deployment network mode was modified.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8880I Operating system {0} was imported by user {1}.**

Explanation

An operating system image was imported successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8881I Operating system {0} was deleted by user {1}.**

Explanation

An operating system profile was deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8882I The deployment of operating system {0} to node {1} was canceled by user {2}.**

Explanation

The deployment of an operating system to a node was canceled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMFC8883M The deployment of operating system {0} to node {1} cannot be canceled by user {2}.**

Explanation

The deployment of an operating system to node cannot be canceled.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the job log for this job to determine the cause of the issue and to resolve it.

- **FQXHMJM0001I Job [arg1] with id [arg2] was created.**

Explanation

A new job was created.

Arguments

[arg1] Job name

[arg2] Job UID

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

N/A

- **FQXHMJM0002I Job [arg1] was updated.**

Explanation

A job was updated.

Arguments

[arg1] Job UID

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

N/A

- **FQXHMJM0003I Job [arg1] with id [arg2] was deleted.**

Explanation

A job was deleted.

Arguments

[arg1] Job name

[arg2] Job UID

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

N/A

- **FQXHMJM0004I User [arg1] at IP address [arg2] created job schedule [arg3].**

Explanation

A job was deleted.

Arguments

[arg1] User Name of the user that created the job schedule.

[arg2] IP Address of the user.

[arg3] The name of the schedule.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMJM0005J User *[arg1]* at IP address *[arg2]* tried to create job schedule *[arg3]* but the operation was unsuccessful.**

Explanation

User tried to create a job schedule but the operation was unsuccessful.

Arguments

[arg1] User Name of the user that created the job schedule.

[arg2] IP Address of the user.

[arg3] The name of the schedule.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the configuration set for the job schedule is correct. The name of the schedule must be unique.

- **FQXHMJM0006I User *[arg1]* at IP address *[arg2]* updated job schedule *[arg3]*.**

Explanation

User changed the configuration of a job schedule.

Arguments

[arg1] User Name of the user that created the job schedule.

[arg2] IP Address of the user.

[arg3] The name of the schedule.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMJM0007J User [arg1] at IP address [arg2] tried to update job schedule [arg3] but the operation was unsuccessful.**

Explanation

User tried to update a job schedule but the operation was unsuccessful.

Arguments

[arg1] User Name of the user that created the job schedule.

[arg2] IP Address of the user.

[arg3] The name of the schedule.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the configuration set for the job schedule is correct. The name of the schedule must be unique.

- **FQXHMJM0008I User [arg1] at IP address [arg2] set the state to [arg3] for job schedule [arg4].**

Explanation

User changed the state of a job schedule.

Arguments

[arg1] User Name of the user who changed the job schedule state.

[arg2] IP Address of the user.

[arg3] The State of the schedule.

[arg4] The name of the schedule.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMJM0009J User [arg1] at IP address [arg2] tried to change job schedule [arg3] state to [arg4], but the operation was unsuccessful.**

Explanation

User tried to update the job schedule state but the operation was unsuccessful.

Arguments

[arg1] User Name of the user who tried to change the job schedule state.

[arg2] IP Address of the user.

[arg3] The name of the schedule.

[arg4] The state of the schedule.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the configuration set for the job schedule is correct.

- **FQXHMJM0010I User [arg1] at IP address [arg2] called Run Now procedure for job schedule [arg3].**

Explanation

User called the Run Now procedure for a job schedule.

Arguments

[arg1] User Name of the user who called the Run Now procedure.

[arg2] IP Address of the user.

[arg3] The name of the schedule.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMJM0011J User [arg1] at IP address [arg2] called Run Now procedure for job schedule [arg3], but the operation was unsuccessful.**

Explanation

User tried to execute Run Now procedure for a job schedule but the operation was unsuccessful.

Arguments

[arg1] User Name of the user who called the Run Now procedure for the job schedule.

[arg2] IP Address of the user.

[arg3] The name of the schedule.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the configuration set for the job schedule is correct.

- **FQXHMJM0012I User [arg1] at IP address [arg2] cloned the job schedule [arg3].**

Explanation

User cloned a job schedule configuration.

Arguments

[arg1] User Name of the user who executed the Clone procedure.

[arg2] IP Address of the user.

[arg3] The name of the schedule.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMJM0013J User [arg1] at IP address [arg2] tried to clone job schedule [arg3], but the operation was unsuccessful.**

Explanation

User tried to clone a job schedule configuration, but the operation was unsuccessful.

Arguments

[arg1] User Name of the user who tried to change the job schedule state.

[arg2] IP Address of the user.

[arg3] The name of the schedule.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the configuration set for the job schedule is correct.

- **FQXHMJM0014I User [arg1] at IP address [arg2] removed the following job schedule configurations: [arg3].**

Explanation

Job schedule configurations was removed.

Arguments

[arg1] User Name of the user that removed the job schedules.

[arg2] IP Address of the user.

[arg3] The name of the schedule.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMJM0015J User *[arg1]* at IP address *[arg2]* tried to remove job schedule configurations but the operation was unsuccessful. Removed schedules: *[arg3]*. Not found IDs: *[arg4]***

Explanation

User tried to remove job schedule configurations but the operation was unsuccessful.

Arguments

[arg1] User Name of the user that tried to remove the job schedules.

[arg2] IP Address of the user.

[arg3] The name of the schedule.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Try to refresh the job schedule page and retry the operation.

- **FQXHMJM0016I The management server launched the job(s) *[arg1]* for job scheduler *[arg2]* successfully.**

Explanation

The management successfully server launched job(s) for a job scheduler.

Arguments

[arg1] The name of the schedule.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMJM0017J The management server tried to launch the job for job scheduler [arg1], but the operation was unsuccessful.**

Explanation

The management server tried to launch a job for a scheduled job, but the operation was unsuccessful.

Arguments

[arg1] The name of the schedule.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the job schedule is correctly configured.

- **FQXHMJM0018I User [arg1] at IP address [arg2] successfully postponed job [arg3].**

Explanation

A job was postponed.

Arguments

[arg1] User Name of the user that postponed the job schedule.

[arg2] IP Address of the user.

[arg3] The name of the job.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMJM0019J User [arg1] at IP address [arg2] tried to postpone job [arg3] but the operation was unsuccessful.**

Explanation

User tried to postpone a job but the operation was unsuccessful.

Arguments

[arg1] User Name of the user that postpone the job schedule.

[arg2] IP Address of the user.

[arg3] The name of the schedule.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Try to refresh the page and retry the operation.

- **FQXHMJM0026I User [arg1] successfully deleted the following job: [arg2].**

Explanation

A job was deleted.

Arguments

[arg1] User Name of the user that deleted the job.

[arg2] Job id of the deleted job.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMJM0027I User [arg1] successfully deleted the following jobs: [arg2].**

Explanation

Some jobs were deleted.

Arguments

[arg1] User Name of the user that deleted the job.

[arg2] Job ids of the deleted jobs.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMJM0028I User [arg1] failed to delete the following job: [arg2].**

Explanation

Failed to delete a job.

Arguments

[arg1] User Name of the user that deleted the job.

[arg2] The id of the job that xClarity failed to delete.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMJM0029I User *[arg1]* failed to delete the following jobs: *[arg2]*.**

Explanation

Failed to delete some jobs.

Arguments

[arg1] User Name of the user that deleted the job.

[arg2] A list with the ids of the jobs that XClarity failed to delete.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMMF0001J The connection to collect metrics between the management server and the management controller *[arg1]* is offline.**

Explanation

The management server was unable to establish a connection for collecting metrics data to the management controller after 10 hours.

Arguments

[arg1] uuid of the endpoint

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the management controller is running the latest available firmware and that all required network services are enabled. If the problem persists, reset the management controller, and contact Support.

- **FQXHMMF0002J The connection to forward metrics between the management server and the orchestrator server [arg1] is offline.**

Explanation

The management server was unable to establish a connection to the orchestrator server for more than 10 hours.

Arguments

[arg1] uuid of the endpoint

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the orchestrator server is connected to network and all required network services are enabled. If the problem persists, restart the orchestrator server , and contact Support.

- **FQXHMMF0003I Metrics data collection for all DM Storage managed with ID [arg1] has finished.**

Explanation

The management server finished collecting all metrics data for all DM Storage managed.

Arguments

[arg1] id of task

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

N/A

- **FQXHMMF0004J Metrics data collection for all DM Storage managed with ID [arg1] has failed.**

Explanation

The management server failed in collecting metrics data for all DM Storage managed.

Arguments

[arg1] id of task

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry collection of metrics data

- **FQXHMMF0005J Metrics data collection for all DM Storage managed could not start.**

Explanation

The management server could not perform the metrics data collection for DM Storage managed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry collection of metrics data

- **FQXHMMF0006J Metrics data collection was missed from the device [arg1] between [arg2] and [arg3].**

Explanation

The management server has not received some metrics data from the managed device, but data collection has resumed normally since then.

Arguments

[arg1] System name of the endpoint

[arg2] Last collected report ID Timestamp

[arg3] First report ID Timestamp after restart

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

This issue alone causes no harm to the management server or the managed device. However if it occurs more than a few times, that might be indicative of an intermittent problem between the management server and the managed device that would need to be investigated and addressed.

- **FQXHMMN0125I Management Server started by [arg1].**

Explanation

The management server started.

Arguments

[arg1] user

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMM0126I Management Server is shutdown by user [arg1] at IP address [arg2].**

Explanation

A shutdown operating action has been issued to the management server by the user.

Arguments

[arg1] user

[arg2] ipaddress

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMM0127I Management Server is put into single-user mode by user [arg1] at IP address [arg2].**

Explanation

A single-user mode operating action has been issued to the management server by the user.

Arguments

[arg1] user

[arg2] ipaddress

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMM0128I Management Server is restarted by user [arg1] at IP address [arg2].**

Explanation

A restart operating action has been issued to the management server by the user.

Arguments

[arg1] user

[arg2] ipaddress

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMNM0129I Management Server is put into unsupported state by user [arg1] at IP address [arg2].**

Explanation

An unsupported-state operating action has been issued to the management server by the user.

Arguments

[arg1] user

[arg2] ipaddress

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMNM90001I The connection test was a success.**

Explanation

The connection test executed by the user finished with success.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMNM90002E The provided host is not valid.**

Explanation

The connection test failed because the provided host is not a valid one.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the specified host is a valid one. It must be a valid IPv4, IPv6 or a hostname.

- **FQXHMNM90003E The provided port is not valid.**

Explanation

The connection test failed because the provided port is not a valid one.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the specified port is a valid one. The port must be a port between 0 and 65535.

- **FQXHMMNM90004E The provided host could not be resolved.**

Explanation

The connection test failed because the provided host could not be resolved.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the management server has a valid and reachable DNS server configured.

- **FQXHMMNM90005E The provided host could not be reached.**

Explanation

The connection test failed because the provided host could not be reached.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the management server has the following configuration set correctly: a valid gateway configured, a valid set of routes. Please also verify the firewall is not blocking the access of the management server to the destination.

- **FQXHMMNM90006E The provided port could not be reached.**

Explanation

The connection test failed because the management server could not connect to the specified port.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the management server has the following configuration set correctly: a valid gateway configured, a valid set of routes. Please also verify the firewall is not blocking the access of the management server to the destination and the port is not blocked.

- **FQXHMNM90007W The provided port appears to be filtered.**

Explanation

The management server successfully connected to the specified host and port, but the port appears to be filtered.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the specified port on the remote machine is not filtering traffic initiated to or by the management server.

- **FQXHMNM90008W The connection test was a success but the port appears to be filtered.**

Explanation

The management server successfully connected to the specified host and port, but the port appears to be filtered.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the specified port on the remote machine is not filtering traffic initiated to or by the management server.

- **FQXHMNM90009E The connection test was unsuccessful. The port is closed and appears to be filtered.**

Explanation

The management server could not connect to the specified port. The port appears to be filtered.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the specified port is not closed or the remote machine is not filtering traffic initiated to or by the management server.

- **FQXHMNM90010E The connection test was unsuccessful. The port is closed.**

Explanation

The management server could not connect to the specified port.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Please enable the port on the remote machine.

- **FQXHMR0000N The {0} service is not available.**

Explanation
An internal error occurred.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Restart the management server and attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMR0001M REST method {0} is not supported.**

Explanation
REST method {0} is not supported.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMR0002M An internal error occurred (JSON response {0}).**

Explanation
An internal error occurred (JSON response {0}).

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Attempt to perform the operation again. If the problem persists, contact Support.

- **FQXHMR0010I User {0} has opened a Remote Control session to server {1}.**

Explanation

A user has started a Remote Control session.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMRC0011I User {0} has opened a remote media session to server {1}.**

Explanation

A user has started a remote media session.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0001I User [arg1] updated L2 interfaces [arg2] with success.**

Explanation

The L2 interfaces were updated successfully.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] L2 interfaces that were updated

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0002G User [arg1] set an empty range of L2 interfaces [arg2].**

Explanation

Empty range definition.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] L2 interfaces that were given.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0003G User [arg1] was unable to get L2 interfaces from switch with the error message [arg2].**

Explanation

Unable to get interfaces from switch.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] L2 interfaces that were given.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0004G The range definition [arg2] given by user [arg1] did not produce any valid interfaces.**

Explanation

Unable to produce any valid interfaces from the range given.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] L2 interfaces that were given.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0005G User [arg1] tried to deploy the template but switch firmware version is too low and does not support [arg2]**

Explanation

Switch firmware version is too low.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] Tagging types that are not supported

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0006G User [arg1] got response [arg2] from switch when updating interface [arg3]**

Explanation

Response from switch when updating the interface.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

[arg3] The name of the interface.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0101I User [arg1] deployed Global Configuration with success.**

Explanation

Global Configuration deployed successfully.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0102G User [arg1] got response [arg2] from switch when updating LACP priority.**

Explanation

Response from switch when updating the LACP priority.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0103G User [arg1] got response [arg2] from switch when updating global tagNative.**

Explanation

Response from switch when updating the global tagNative.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0104F User [arg1] tried to deploy the template but switch firmware version is too low and does not support [arg2]**

Explanation

Switch firmware version is too low.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] Tagging type that is not supported

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0201I User [arg1] deployed PortChannel Advanced Configuration with success.**

Explanation

PortChannel Advanced Configuration deployed successfully.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0202G User [arg1] got response [arg2] from switch when deploying PortChannel Advanced Configuration Template.**

Explanation

Response from switch when deploying PortChannel Advanced Configuration Template.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0203G User [arg1] got response [arg2] from switch when updating portchannel [arg3].**

Explanation

Response from switch when updating the portchannel.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

[arg3] The Portchannel ID.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0204G User [arg1] tried to deploy the template but switch firmware version is too low and does not support LACP individual.**

Explanation

Switch firmware version is too low.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] LACP individual is not supported.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0301I User [arg1] deployed PortChannel Basic Configuration with success.**

Explanation

PortChannel Basic Configuration deployed successfully.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0302G User [arg1] gave an empty interfaces list.**

Explanation

An invalid interface list was given.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0303G User [arg1] got response [arg2] from switch when checking to see if portchannel [arg3] exists.**

Explanation

Response from switch when updating the portchannel.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

[arg3] The Portchannel ID.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0304G User [arg1] was unable to get L2 Interfaces from switch when deploying Portchannel Basic Configuration Template with the message [arg2].**

Explanation

Unable to get L2 Interfaces from switch when updating the portchannel.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0305G The range definition [arg2] given by user [arg1] did not produce any valid interfaces.**

Explanation

Unable to produce any valid interfaces from the range given.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] L2 interfaces that were given.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0306G User [arg1] got an invalid response [arg2] from the switch.**

Explanation

Switch replied with invalid data.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0307G User [arg1] gave an incompatible port mode [arg2] with current port mode [arg3] on the switch**

Explanation

Incompatible existing aggregation mode with template mode. Can't mix static mode with active/passive mode.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The port mode from the transaction

[arg3] The port mode set on switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0308G User [arg1] got response [arg2] from switch when updating portchannel [arg3].**

Explanation

Response from switch when updating the portchannel.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

[arg3] The Portchannel ID.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0309G User [arg1] got response [arg2] from switch when creating portchannel [arg3].**

Explanation

Response from switch when creating the portchannel.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

[arg3] The Portchannel ID.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0401I User [arg1] deleted portchannels [arg2] with success.**

Explanation

The Portchannels were deleted successfully.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The Portchannels that were deleted with success.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0402G User [arg1] was unable to get portchannel list from switch with the message [arg2].**

Explanation

Unable to get portchannel list from switch when deleting portchannels.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0403G The range definition [arg2] given by user [arg1] did not produce any valid portchannels.**

Explanation

Unable to produce any valid portchannels from the range given.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The Portchannels that were given.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0404G User [arg1] was unable to delete any portchannels [arg3] having the response [arg2].**

Explanation

Unable to delete any portchannels from the range given.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response for the failure of each portchannel that was intended to be deleted.

[arg3] The portchannels that were intended to be deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0405F User *[arg1]* deleted portchannels *[arg2]* with success and with failure for *[arg4]* with the response *[arg3]*.**

Explanation

Partial success for portchannel deletion.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The portchannels that were successfully deleted.

[arg3] The response for the failure of each portchannel that was intended to be deleted.

[arg4] The portchannels that failed to be deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0501I User *[arg1]* deployed successfully the Spine Leaf Template.**

Explanation

The Spine Leaf Template was deployed successfully.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0502I User [arg1] deployed successfully the Spine Node Template.**

Explanation

The Spine Node Template was deployed successfully.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0503G User [arg1] gave an empty port list.**

Explanation

An invalid port list was given.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0504G User [arg1] tried to deploy the template but switch firmware version is too low and does not support Global BGP.**

Explanation

Switch firmware version is too low.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] Global BGP is not supported

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0506G User [arg1] got an error [arg2] when deleting current AS number [arg3] from switch.**

Explanation

Error when deleting current AS number from switch.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The error message when deleting current AS number from switch.

[arg3] The current AS number that was intended to be deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0507G User [arg1] got response [arg2] from switch when setting BGP AS number [arg3].**

Explanation

Response from switch when setting BGP AS number.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

[arg3] The BGP AS number.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0508G User [arg1] got response [arg2] from switch when enabling BGP unnumbered globally.**

Explanation

Response from switch when enabling BGP unnumbered globally.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0509G User *[arg1]* got response *[arg2]* from switch when enabling BGP unnumbered on interface *[arg3]*.**

Explanation

Response from switch when enabling BGP unnumbered on an interface.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

[arg3] The interface on which the user wanted to enable BGP unnumbered.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0510G User *[arg1]* got response *[arg2]* from switch when setting interface *[arg3]* as routed port.**

Explanation

Response from switch when setting an interface as routed port.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

[arg3] The interface which the user wanted to set as routed port.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0601I User [arg1] deployed successfully the VLAG Advanced Configuration Template.**

Explanation

The VLAG Advanced Configuration Template was deployed successfully.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0602F The VLAG Advanced Configuration Template that the user [arg1] deployed has no effect.**

Explanation

Switch is already configured with these template settings.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0603G User [arg1] got an invalid response [arg2] from switch when deploying VLAG Advanced Configuration Template.**

Explanation

Invalid response from switch when deploying VLAG Advanced Configuration Template.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0604G User [arg1] got response [arg2] from switch when setting VLAG healthcheck parameters.**

Explanation

Response from switch when setting VLAG healthcheck parameters.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0605G User [arg1] got response [arg2] from switch when trying to enable VLAG to set TIERID.**

Explanation

Response from switch when trying to enable VLAG to set TIERID.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0606G User [arg1] got response [arg2] from switch when trying to disable VLAG to set TIERID.**

Explanation

Response from switch when trying to disable VLAG to set TIERID.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0607G User [arg1] got response [arg2] from switch when setting VLAG parameters.**

Explanation

Response from switch when setting VLAG parameters.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0701I User [arg1] deployed successfully the VLAG Instance Configuration Template.**

Explanation

The VLAG Instance Configuration Template was deployed successfully.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0702F The VLAG Instance Configuration Template that the user [arg1] deployed has no effect.**

Explanation

Switch is already configured with these template settings.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0703G User [arg1] got an invalid response [arg2] from switch when deploying VLAG Instance Configuration Template.**

Explanation

Invalid response from switch when deploying VLAG Instance Configuration Template.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0704G User [arg1] got response [arg2] from switch when [arg3] instance [arg4].**

Explanation

Response from switch when updating/creating an instance.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

[arg3] The action intended to be done by the user.

[arg4] The instance ID.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0801I User [arg1] deployed successfully the VLAG Instance Delete Template.**

Explanation

The VLAG Instance Delete Template was deployed successfully.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0802F The VLAG Instance [arg2] the user [arg1] wanted to delete does not exist on the switch.**

Explanation

The VLAG Instance the user wanted to delete does not exist on the switch.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] VLAG Instance ID.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0803G User [arg1] got response [arg2] from switch when checking if instance [arg3] exists.**

Explanation

Response from switch when checking if the instance exists.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

[arg3] VLAG Instance ID.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0804G User [arg1] got response [arg2] from switch when deleting instance [arg3].**

Explanation

Response from switch when deleting the instance.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

[arg3] VLAG Instance ID.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0901I User [arg1] deployed successfully the VLAG Peers Configuration Template.**

Explanation

The VLAG Peers Configuration Template was deployed successfully.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0902F The VLAG Peers Configuration Template that the user [arg1] deployed has no effect.**

Explanation

Switch is already configured with these template settings.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0903G User [arg1] got response [arg2] from switch when getting current healthcheck parameters.**

Explanation

Failed to get current healthcheck parameters.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0904G User [arg1] got response [arg2] from switch when updating healthcheck parameters.**

Explanation

Response from switch when updating healthcheck parameters.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0905G User [arg1] got response [arg2] from switch when getting current ISL settings.**

Explanation

Failed to get current ISL settings.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0906G User [arg1] got response [arg2] from switch when updating ISL settings.**

Explanation

Response from switch when updating ISL settings.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0907G User [arg1] got response [arg2] from switch when getting current VLAG parameters.**

Explanation

Failed to get current VLAG parameters.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC0908G User [arg1] got response [arg2] from switch when updating VLAG parameters.**

Explanation

Response from switch when updating VLAG parameters.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1001I User [arg1] added successfully the interfaces [arg2] in vlans [arg3].**

Explanation

The VLAN Configuration Template was deployed successfully.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The list of interfaces added.

[arg3] The list of vlans.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1002F The VLAN Configuration Template that the user [arg1] deployed has no effect.**

Explanation

Switch is already configured with these template settings.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1003G User [arg1] was unable to get interfaces from switch when deploying VLAN Configuration Template with the message [arg2].**

Explanation

Unable to get Interfaces from switch when deploying VLAN Configuration Template.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1004G User [arg1] was unable to get portchannels from switch when deploying VLAN Configuration Template with the message [arg2].**

Explanation

Unable to get Interfaces from switch when deploying VLAN Configuration Template.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1005G Range definition given by user [arg1] did not produce any valid interfaces to update.**

Explanation

Range definition given by user did not produce any valid interfaces to update.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1006G User [arg1] got an invalid response [arg2] from switch when deploying VLAN Configuration Template.**

Explanation

Invalid response from switch when deploying VLAN Configuration Template.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1007G User [arg1] got response [arg2] from switch when creating new VLAN [arg3].**

Explanation

Response from switch when updating VLAG parameters.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

[arg3] The VLAN ID to create.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1008G User [arg1] got response [arg2] from switch when updating interface [arg3].**

Explanation

Response from switch when updating the interface.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

[arg3] The interface on which is intended the update.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1101I User [arg1] deleted VLANs [arg2] with success.**

Explanation

The VLANs were deleted successfully.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The VLANs that were deleted with success.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1102F User [arg1] deleted VLANs [arg2] with success and with failure for [arg4] with the response [arg3].**

Explanation

Partial success for VLANs deletion.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The VLANs that were successfully deleted.

[arg3] The response for the failure of each VLAN that was intended to be deleted.

[arg4] The VLANs that failed to be deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1103F User [arg1] gave an empty list of VLAN IDs for VLAN Delete Template.**

Explanation

Null/Empty list of VLAN IDs for VLAN Delete Template.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1104G User [arg1] was unable to get current VLANs from switch when deploying VLAN Delete Template with the message [arg2].**

Explanation

Unable to get current VLANs from switch when deploying VLAN Delete Template.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1105G User [arg1] was unable to delete any VLANs [arg3] having the response [arg2].**

Explanation

Unable to delete any VLANs from the range given.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response for the failure of each VLANs that were intended to be deleted.

[arg3] The VLANs that were intended to be deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1201I User [arg1] deployed successfully the VLAN Properties Template.**

Explanation

The VLAN Properties Template was deployed successfully.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1202F The VLAN Properties that the user [arg1] deployed has no effect.**

Explanation

Switch is already configured with these template settings.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1203G The VLAN [arg2] that the user [arg1] wanted to deployed the template does not exist.**

Explanation

VLAN does not exist on the switch.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The VLAN ID.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1204G User [arg1] got an invalid response [arg2] from switch when getting VLAN properties.**

Explanation

Invalid response from switch when getting VLAN properties.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1205G User [arg1] got response [arg2] from switch when updating VLAN [arg3] properties.**

Explanation

Response from switch when updating the VLAN properties.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

[arg3] The VLAN ID on which is intended the update.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1301I User [arg1] removed interfaces [arg2] from VLANs [arg3] with success.**

Explanation

The VLAN Remove Template was deployed successfully.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The interfaces that are removed from VLANs.

[arg3] The VLANs from which the interfaces are removed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1302F The range definition given by user [arg1] did not produce any valid interfaces/portchannels.**

Explanation

Unable to produce any valid interfaces/portchannels from the range given.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1303F The VLAN Remove Template that the user [arg1] deployed has no effect.**

Explanation

Switch is already configured with these template settings.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1304G User [arg1] was unable to get interfaces from switch when deploying VLAN Remove Template with the message [arg2].**

Explanation

Unable to get Interfaces from switch when deploying VLAN Remove Template.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1305G User [arg1] was unable to get portchannels from switch when deploying VLAN Remove Template with the message [arg2].**

Explanation

Unable to get Interfaces from switch when deploying VLAN Remove Template.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1307G User [arg1] got response [arg2] from switch when updating interface [arg3].**

Explanation

Response from switch when updating the interface.

Arguments

[arg1] User ID of the user who deployed the template.

[arg2] The response got from the switch.

[arg3] The interface on which is intended the update.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSC1400G User [arg1] failed to apply template because the switch operating system (ENoS) does not support configuration templates.**

Explanation

Response from switch when applying the configuration template.

Arguments

[arg1] User ID of the user who deployed the template.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0001I The request completed successfully.**

Explanation

The request completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0003N The request could not be completed.**

Explanation

The management server encountered an unexpected condition and cannot complete the request. Attempt the request again. If the problem persists, contact Support.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation. If the failure persists, collect service data and report the problem to customer support.

- **FQXHMSE0004G Security policy level [arg1] on [arg2] does not match security policy level [arg3] on the management server.**

Explanation

The management server enforces a chosen security policy for all managed systems. The security policy on the referenced managed system does not match the security policy that is currently set on the management server.

Arguments

[arg1] Security policy level on the managed system.

[arg2] Identifier of system.

[arg3] Security policy level of the management server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

[{ "text" : "Change the security policy setting on the referenced managed system to match the current security policy on the management server.", "format" : [] }, { "text" : [{ "text" : "To change the security policy on a chassis, open a command-line interface session on the Chassis Management Module (CMM) and run one of the following commands:", "format" : [] }, { "text" : [{ "text" : [{ "text" : "To change the security policy level to Secure:", "format" : [] }, { "text" : [], "format" : ["newLine"] }, { "text" : "security -p secure -T mm[p]", "format" : ["code", "bold"] }], "format" : ["listElement"] }, { "text" : [{ "text" : "To change the security policy level to Legacy:", "format" : [] }, { "text" : [], "format" : ["newLine"] }, { "text" : "security -p legacy -T mm[p]", "format" : ["code", "bold"] }], "format" : ["listElement"] }], "format" : ["bulletList"] }], "format" : ["paragraph"] }]

- **FQXHMSE0004J The request could not be completed.**

Explanation

The request body was not a properly formatted JSON object.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Correct the format of the request body and retry the request.

- **FQXHMSE0005G Minimum SSL/TLS protocol level [arg1] on [arg2] does not match minimum SSL/TLS protocol levels client [arg3] and server [arg4] on the management server.**

Explanation

The management server enforces a minimum SSL/TLS protocol level for all managed systems. The minimum SSL/TLS protocol level on the referenced managed system does not match the combination of minimum SSL/TLS protocols that is currently set on the management server.

Arguments

[arg1] Minimum SSL/TLS protocol level on the managed system.

[arg2] Identifier of system.

[arg3] Minimum SSL/TLS protocol level of the management server network clients

[arg4] Minimum SSL/TLS protocol level of the management server network servers

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

[{ "text" : "Change the minimum SSL/TLS protocol levels on the specified system or on the management server so that the settings match.", "format": [] }, { "text" : "In XClarity Administrator, open the Administration menu and select the Security item, then select Cryptography from the left navigation. Select the desired settings. At the bottom of the page, select whether to apply the settings to the management server only, the managed devices only, or both the management server and the managed devices, then click Apply. Alternatively, change the minimum TLS settings for a Flex System chassis through the Chassis Management Module (CMM) web interface or command line interface or for a rack, tower, or NeXtScale server through the command line interface using the `tls` command.", "format" : ["paragraph"] }]

- **FQXHMSE0006G Cryptographic mode [arg1] on [arg2] does not match cryptographic mode [arg3] on the management server.**

Explanation

The management server enforces a cryptographic mode for all managed systems. The cryptographic mode set for the referenced managed system does not match the cryptographic mode currently set for the management server.

Arguments

[arg1] Cryptographic mode on the managed system

[arg2] Identifier of system.

[arg3] Cryptographic mode of the management server

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

[{ "text" : "Change the cryptographic mode on the specified system or on the management server so that the settings match.", "format": [] }, { "text" : "In XClarity Administrator, open the Administration menu and select the Security item, then select Cryptography from the left navigation. Select the desired settings. At the bottom of the page, select whether to apply the settings to the management server only, the managed devices only, or both the management server and the managed devices, then click Apply. Alternatively, change the cryptography settings for a Flex System chassis through the Chassis Management Module (CMM) web interface or command line interface or for a rack, tower, or NeXtScale server through the web interface.", "format" : ["paragraph"] }]

- **FQXHMSE0007G Security policy state on chassis [arg1] is Pending.**

Explanation

The management server enforces a chosen security policy for all managed chassis. If the security policy level on a Chassis Management Module (CMM) is changed after the compute and storage

nodes are up and running, the security policy status will remain in the Pending status until the service processors on the nodes in the chassis have been reset.

Arguments

[arg1] Identifier of chassis.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

[{ "text" : "If the chassis security policy status is Pending, reset the service processor on the compute and storage nodes in the chassis.", "format": [] }, { "text" : [{ "text" : "To reset the service processor, open a command-line interface session on the CMM and run the following command:", "format" : [] }, { "text" : [{ "text" : [{ "text" : "reset -T blade[" , "format" : [] }, { "text" : "N", "format" : ["italic"] }], { "text" : ":sp", "format" : [] }], "format" : ["code" , "bold"] }, { "text" : "where", "format" : [] }, { "text" : "N", "format" : ["italic"] }, { "text" : ":is the bay number of the affected node.", "format" : [] }], "format" : ["listElement"] }], "format" : ["bulletList"] }], "format" : ["paragraph"] }]

- **FQXHMSE0008I Security policy level on [arg1] matches security policy level [arg2] on the management server.**

Explanation

The security policy level on the referenced managed system matches the security policy level that is currently set on the management server.

Arguments

[arg1] Identifier of system.

[arg2] Security policy level of the management server

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0009I Minimum SSL/TLS protocol level on [arg1] matches minimum SSL/TLS protocol levels client [arg2] and server [arg3] on the management server.**

Explanation

The minimum SSL/TLS protocol level on the referenced managed system matches the minimum SSL/TLS protocol level combination that is currently set on the management server.

Arguments

[arg1] Identifier of system.

[arg2] Minimum SSL/TLS protocol level of the management server network clients

[arg3] Minimum SSL/TLS protocol level of the management server network servers

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0010I Cryptographic mode on [arg1] matches cryptographic mode [arg2] on the management server.**

Explanation

The cryptographic mode set for the referenced managed system matches the cryptographic mode currently set for the management server.

Arguments

[arg1] Identifier of system.

[arg2] Cryptographic mode of the management server

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0101J The certificate signing request (CSR) does not exist or cannot be read.**

Explanation

The request to download a certificate signing request (CSR) cannot be completed because the CSR does not exist. The CSR must be generated before it can be downloaded.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the CSR was generated successfully. Then, attempt to download it again.

- **FQXHMSE0102J The value specified for the country code is not valid.**

Explanation

The country code must be a two-letter value. The value specified for country code has an incorrect length or contains a character that is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid country code.

- **FQXHMSE0103L The request to generate a certificate signing request (CSR) was not successful.**

Explanation

The operation to create a CSR could not be completed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, collect service data and contact Support.

- **FQXHMSE0104J The request to upload a new server certificate was not successful.**

Explanation

The operation to upload and install a new server certificate could not be completed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that you have downloaded the certificate that was created from the latest certificate signing request (CSR). Then, attempt to upload the certificate again. If the problem persists, collect service data and contact Support.

- **FQXHMSE0105I Server certificate replaced by user ID [arg1] at IP address [arg2].**

Explanation

The specified user has uploaded and installed a new server certificate.

Arguments

[arg1] User ID of user who generated the request

[arg2] IP address of user who generated the request

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0106I A new server certificate was generated by user ID [arg1] at IP address [arg2].**

Explanation

The specified user has generated a new server certificate.

Arguments

[arg1] User ID of user who generated the request

[arg2] IP address of user who generated the request

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0107J The request to regenerate a new server certificate was not successful.**

Explanation

The operation to regenerate and install a new server certificate could not be completed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to regenerate the certificate again. If the problem persists, collect service data and contact Support.

- **FQXHMSE0108J The request to download the server certificate was not successful.**

Explanation

The operation to download the server certificate could not be completed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to download the certificate again. If the problem persists, collect service data and contact Support.

- **FQXHMSE0109J The request to generate a new certificate was not successful.**

Explanation

The operation to generate a new server certificate could not be completed because the value specified for {0} has an incorrect length.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to generate a new certificate again, specifying a different value.

- **FQXHMSE0110J The request to generate a certificate signing request (CSR) was not successful.**

Explanation

The operation to create a CSR could not be completed because the value specified for {0} has an incorrect length.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to generate a CSR again, specifying a different value.

- **FQXHMSE0111J The request to upload a new server certificate was not successful.**

Explanation

The operation to upload and install a new server certificate could not be completed because the new certificate is the same as the currently installed certificate.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Upload a new certificate that is not a duplicate of the currently installed server certificate.

- **FQXHMSE0112I Trust certificate for chassis [arg1] installed by user ID [arg2] at IP address [arg3].**

Explanation

The specified user has installed a new trust certificate for the specified chassis.

Arguments

[arg1] Identifier of chassis.

[arg2] User ID of user who accepted the trust certificate

[arg3] IP address of user who accepted the trust certificate

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0113J The request to generate a new server certificate was not successful.**

Explanation

The operation to generate a new server certificate could not be completed because one or more chassis are managed. Generating a new server certificate disrupts communication with managed endpoints, so this operation can be performed only when no chassis are managed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Unmanage each chassis that is under management, and attempt the operation again.

- **FQXHMSE0114J The request to generate a certificate signing request (CSR) was not successful.**

Explanation

The operation to generate a CSR could not be completed because one or more chassis are managed. Uploading a new certificate created from the CSR disrupts communication with managed endpoints, so this operation can be performed only when no chassis are managed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Unmanage each chassis that is under management, and attempt the operation again.

- **FQXHMSE0115J The request to upload a new server certificate was not successful.**

Explanation

The operation to upload and install a new server certificate could not be completed because one or more chassis are managed. Uploading a new certificate disrupts communication with managed endpoints, so this operation can be performed only when no chassis are managed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Unmanage each chassis that is under management, and attempt the operation again.

- **FQXHMSE0116F The request to generate a new certificate was not successful.**

Explanation

The operation to generate a new server certificate could not be completed because a certificate created from a Certificate Signing Request is currently installed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

The operation is not allowed at this time.

- **FQXHMSE0117J The request to resolve the untrusted connection to the endpoint was not successful.**

Explanation

The operation to compare the certificate that is currently in use by the endpoint to the currently trusted certificates could not be completed due to a formatting error in the request.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, collect service data and contact Support.

- **FQXHMSE0118J The request to resolve the untrusted connection was not successful.**

Explanation

The operation to resolve the untrusted connection could not be completed because the type of endpoint selected for the action is not supported.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Select a supported endpoint, and attempt the operation again. To manually resolve untrusted connection issues for the unsupported endpoint, connect to the endpoint directly and confirm that the certificate that is in use contains the IP address of the endpoint, is not expired, and is signed by a certificate that is trusted by the management server.

- **FQXHMSE0119J The request to resolve the untrusted connection was not successful.**

Explanation

The operation to resolve the untrusted connection could not be completed because a resource associated with that endpoint was not found.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the endpoint is under management, and attempt the operation again. If the problem persists, collect service data and contact Support.

- **FQXHMSE0120I The request to resolve the untrusted connection was not successful.**

Explanation

The currently trusted certificate for the endpoint matches the certificate that is currently in use by the endpoint or chassis. The untrusted connection is due to another cause of certificate validation failure. This may be caused by importing a certificate into the endpoint that is signed by another certificate authority not trusted by XClarity Administrator. Ensure the root certificate and all intermediate certificates in the signing chain for this endpoint certificate are installed by choosing the Security option from the Administration menu, choosing the Trusted Certificates link, and adding any missing certificates.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0121J The request to generate a server certificate was not successful.**

Explanation

A new server certificate cannot be generated because the management server does not comply with the NIST SP 800-131A standard.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the cryptographic mode on the management server is set to NIST SP 800-131A, and attempt to generate a server certificate again.

- **FQXHMSE0122J The request to replace the server certificates was not successful.**

Explanation

Server certificates cannot be replaced because the management server does not comply with the NIST SP 800-131A standard.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the cryptographic mode on the management server is set to NIST SP 800-131A, and attempt to generate a server certificate again.

- **FQXHMSE0123G The trusted certificate for managed system [arg1] does not comply with the cryptographic mode of the system.**

Explanation

The certificate in the management server trust store for the referenced managed system contains key lengths or cryptographic signing algorithms that do not comply with the security standards of the referenced managed system's cryptographic mode. This may be an indication that the certificate in the management server trust store does not match the certificate on the referenced managed system.

Arguments

[arg1] Identifier of system.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

[{ "text" : "Verify that the management server trust store contains the latest certificate for the referenced managed system.", "format" : [] }, { "text" : [{ "text" : "To ensure the management server has the latest certificate from a chassis:", "format" : [] }, { "text" : [{ "text" : "Open the Chassis view in the management server to see all managed chassis", "format" : ["listElement"] }, { "text" : "Select the referenced managed chassis in the table", "format" : ["listElement"] }, { "text" : "Click the All Actions dropdown and select Resolve Untrusted Certificate", "format" : ["listElement"] }], "format" : ["orderedList"] }], "format" : ["paragraph"] }]

- **FQXHMSE0124J The request to download the certificate revocation list (CRL) was not successful.**

Explanation

The CRL could not be downloaded.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to download the CRL again. If the problem persists, collect service data and contact Support.

- **FQXHMSE0125J The request to add the certificate revocation list (CRL) was not successful.**

Explanation

The CRL could not be added because the format of the CRL is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the CRL is formatted correctly. The entire CRL file must be provided, including the BEGIN and END lines (-----BEGIN X509 CRL----- and -----END X509 CRL-----). After verifying the CRL format, attempt to upload the CRL again. If the problem persists, collect service data and contact Support.

- **FQXHMSE0126J The request to delete the certificate revocation list (CRL) was not successful.**

Explanation

The CRL could not be deleted.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to delete the CRL again. If the problem persists, collect service data and contact Support.

- **FQXHMSE0127J The request to upload a certificate was not successful.**

Explanation

The new certificate could not be uploaded and installed because the format of the certificate is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the certificate that is being uploaded is formatted correctly. The entire certificate file must be provided, including the Begin and End lines (-----BEGIN CERTIFICATE----- and -----END CERTIFICATE-----). After verifying the certificate format, attempt to upload the certificate again. If the problem persists, collect service data and contact Support.

- **FQXHMSE0128J The provided certificate does not meet the current cryptographic mode requirements.**

Explanation

NIST SP 800-131A compliance requires certificates in the trust store (such as those used for external LDAP servers) to have longer key lengths and stronger cryptographic signature algorithms.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the provided certificate contains encryption and hashing algorithms that meet the NIST SP 800-131A standards, and then attempt the operation again.

- **FQXHMSE0130I A new CA root certificate was generated by user ID [arg1] at IP address [arg2].**

Explanation

The specified user has generated a new CA root certificate.

Arguments

[arg1] User ID of user who generated the request

[arg2] IP address of user who generated the request

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0131I A new server certificate was uploaded by user ID [arg1] at IP address [arg2].**

Explanation

The specified user has uploaded a new server certificate. This replaces the existing server certificate.

Arguments

[arg1] User ID of user who uploaded the certificate

[arg2] IP address of user

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0132I The request to generate the certificate authority root certificate was successful. Server certificate regeneration is required.**

Explanation

The certificate authority (CA) root certificate was regenerated. The server certificate remains unchanged. Download the CA certificate and import it into the browser and mobile device trust stores of all users and import it as an LDAP trusted certificate for any managed endpoints. After that, regenerate the server certificate. Regenerating the server certificate before performing those imports will cause connectivity issues.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0133I The request to generate a new server certificate was successful.**

Explanation

The new server certificate was generated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0134I The request to upload a new server certificate was successful.**

Explanation

The existing server certificate has been replaced by the new certificate.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0135J The request to download the CA root certificate was not successful.**

Explanation

The CA root certificate could not be downloaded.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to download the certificate again. If the problem persists, collect service data and contact Support.

- **FQXHMSE0136J The request to download the internal CA root certificate failed.**

Explanation

The internal CA root certificate could not be downloaded because the installed server certificate was signed by an external third-party CA.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Download this certificate only when the installed server certificate has been signed by the internal CA.

- **FQXHMSE0137J The request to upload a new server certificate was not successful.**

Explanation

The operation to upload and install a new server certificate could not be completed because the provided certificate key does not match the generated certificate signing request (CSR) key.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Upload the signed CSR that was provided by the most recent certificate signing request.

- **FQXHMSE0138J The request to upload a new server certificate was not successful.**

Explanation

The operation to upload and install a new server certificate could not be completed because the base or end certificates could not be found in the provided certificate chain.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

When uploading the certificate signing chain, include the base certificate, the signed CSR end certificate, and all intermediate signing certificates in the chain.

- **FQXHMSE0139J The request to upload a new server certificate was not successful.**

Explanation

The operation to upload and install a new server certificate could not be completed because the certification path validation of the provided certificate chain did not succeed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Upload a certificate chain that signs successive certificates in the path according to the PKIX algorithms.

- **FQXHMSE0140J The request to upload a new server certificate was not successful.**

Explanation

The operation to upload and install a new server certificate could not be completed because the format of the certificate is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the provided certificates are formatted correctly. PEM-formatted certificates must include the Begin and End lines (-----BEGIN CERTIFICATE----- and -----END CERTIFICATE-----). After verifying the certificate format, attempt to upload the certificate again. If the problem persists, collect service data and contact Support.

- **FQXHMSE0141I The endpoint certificate does not match the currently trusted certificate.**

Explanation

The certificate presented by endpoint {0} is not trusted because it was not signed by a certificate authority that is trusted by XClarity Administrator. Installing the new certificates through Resolve Untrusted Certificates is likely to fix the problem. However, if the endpoint is using a manually installed certificate signed by a certificate authority from outside the chassis or server, also ensure that the root certificate and all intermediate certificates in the signing chain for this endpoint's certificate are trusted by XClarity Administrator by choosing the Security option from the Administration menu, selecting the Trusted Certificates link, and adding any certificates that are missing.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0142I The request to upload a new server certificate is processing.**

Explanation

The uploaded certificate chain passed validation checks. Jobs have been created to send the Certificate Authority certificate to managed endpoints. If all jobs succeed, then the certificate will be installed automatically.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0143I A new server certificate was uploaded to the temporary key store by user ID [arg1] at IP address [arg2].**

Explanation

The specified user has uploaded a new server certificate to the temporary key store. This certificate has not yet been installed. Jobs will be created to install it.

Arguments

[arg1] User ID of user who uploaded the certificate

[arg2] IP address of user

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0144I A new server certificate was installed from the temporary key store by user ID [arg1] at IP address [arg2].**

Explanation

The specified user installed the certificate that was previously (possibly as part of the same operation or possibly in an earlier operation) uploaded to the temporary key store.

Arguments

[arg1] User ID of user who installed the certificate

[arg2] IP address of user

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0145J The request to install the server certificate from the temporary key store was not successful.**

Explanation

The server was not able to install the certificate from the temporary key store because there was no certificate in the temporary key store or it was unable to be retrieved.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Import the certificate chain.

- **FQXHMSE0146I The request to install a new server certificate is processing.**

Explanation

The uploaded certificate chain passed validation checks. A job has been created to install the certificate.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0147I The request to retrieve SSH keys was not successful.**

Explanation

The operation to compare the keys that are currently in use by the endpoint could not be completed due to a formatting error in the request.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0148J The request to retrieve SSH keys has been processed.**

Explanation

The SSH key has changed in the endpoint.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform an update SSH key operation to restore the connection.

- **FQXHMSE0149I The request to retrieve SSH keys has been processed.**

Explanation

The SSH key has not changed in the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0150I The request to retrieve SSH keys was not successful.**

Explanation

A server error occurred while trying to compare the SSH keys.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0151J The request to generate the server certificate was not successful.**

Explanation

The date must be in the format YYYY-MM-DDTHH:MM:SSZ.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a date with valid format.

- **FQXHMSE0152J The request to generate the server certificate was not successful.**

Explanation

The date must be in the format YYYY-MM-DDTHH:MM:SSZ.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a date with valid format.

- **FQXHMSE0153J The request to generate the server certificate was not successful.**

Explanation

The specified not valid before date must be before the current date and time, and the specified not valid after date must be after the current date and time.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a not valid before date before the current date and time and a not valid after date after the current date and time.

- **FQXHMSE0154J The request to resolve the untrusted certificates was not successful.**

Explanation

The operation to resolve the untrusted certificates could not be completed because an error occurred when attempting to contact the selected endpoint and retrieve its certificates.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the network connection with the endpoint and any associated user credentials are valid and attempt the operation again. If the problem persists, connect directly to the endpoint's management interface and confirm that the certificate that is in use contains the IP address of the endpoint, is not expired, and is signed by a certificate that is trusted by the management server.

- **FQXHMSE0200I The login was successful for user ID [arg1] at IP address [arg2].**

Explanation

The specified user has logged in to the management console.

Arguments

[arg1] User ID of user who logged in

[arg2] IP address of user who logged in

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0201I The logout was successful for user ID [arg1] at IP address [arg2].**

Explanation

The specified user has logged out of the management console.

Arguments

[arg1] User ID of user who logged out

[arg2] IP address of user who logged out

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0202I The login was unsuccessful for user ID [arg1] at IP address [arg2].**

Explanation

The specified user cannot log in.

Arguments

[arg1] User ID of user who attempted to log in

[arg2] IP address of user who attempted to log in

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0203I Account [arg1] was created by user ID [arg2] at IP address [arg3].**

Explanation

The specified user has created the specified user account.

Arguments

[arg1] User ID of new account

[arg2] User ID of user who created the account

[arg3] IP address of user who created the account

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0204I Account [arg1] was changed by user ID [arg2] at IP address [arg3].**

Explanation

The specified user changed the specified user account.

Arguments

[arg1] User ID of account that was changed

[arg2] User ID of user who changed the account

[arg3] IP address of user who changed the account

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0205I The password was changed by user ID [arg1] at IP address [arg2] for user ID [arg3].**

Explanation

The specified user has changed the password for the specified user account.

Arguments

[arg1] User ID of user who changed the password

[arg2] IP address of user who changed the password

[arg3] User ID of account for which password was changed or reset

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0206I Account [arg1] was deleted by user ID [arg2] at IP address [arg3].**

Explanation

The specified user has deleted the specified account.

Arguments

[arg1] User ID of deleted account

[arg2] User ID of user who deleted account

[arg3] IP address of user who deleted account

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0207I The values of the following system properties have changed. [arg1]**

Explanation

The values of some system properties have changed. This event alerts users of those system properties to take further action if necessary.

Arguments

[arg1] A space-separated list of the names of the system properties that have changed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0208I The session [arg1] was terminated for user ID [arg2] at IP address [arg3] by [arg4] at IP address [arg5].**

Explanation

A privileged user has terminated another user's session.

Arguments

[arg1] Unique id of the session that was terminated.

[arg2] The user ID of the user whose session was terminated.

[arg3] The IP address of the user whose session was terminated.

[arg4] The user ID of the user who terminated the session.

[arg5] The IP address of the user who terminated the session.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0209I Account [arg1] is temporarily locked.**

Explanation

The account is temporarily locked due to too many failed login attempts.

Arguments

[arg1] User ID of locked account

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0210I The authentication attempt by user ID {0} failed.**

Explanation

User ID {0} could not be authenticated successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0240I The request to add the user ID {0} completed successfully.**

Explanation

The request to add the user ID {0} was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0241J The request to add the user ID {0} was not successful.**

Explanation

The request to add the user ID {0} could not be completed because of a password policy violation.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a password that satisfies all of the requirements that are defined by the current account-security settings.

- **FQXHMSE0242J The request to add the user ID {0} was not successful.**

Explanation

The request to add the user ID {0} could not be completed because the user already exists.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a unique user name.

- **FQXHMSE0243J The request to add the user ID {0} was not successful.**

Explanation

The request to add the user ID {0} could not be completed because the user name is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid user name.

- **FQXHMSE0244J The request to add the user ID {0} was not successful.**

Explanation

The request to add the user ID {0} could not be completed because the password is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid password.

- **FQXHMSE0245J The request to add the user ID {0} was not successful.**

Explanation

The request to add the user ID {0} could not be completed because the user name is reserved.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different user name.

- **FQXHMSE0246J The request to add a user was not successful.**

Explanation

The request to add a user could not be completed because a parameter was not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters on the request.

- **FQXHMSE0247J The request to add the user ID {0} was not successful.**

Explanation

The request to add the user ID {0} could not be completed for an unknown reason.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters on the request. If the problem persists, contact Support.

- **FQXHMSE0250I The request to change the password for user ID {0} completed successfully.**

Explanation

The request to change the password for user ID {0} was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0251J The request to change the password for user ID {0} was not successful.**

Explanation

The request to change the password for user ID {0} could not be completed because of an authentication issue.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying the correct password.

- **FQXHMSE0252J The request to change the password for user ID {0} was not successful.**

Explanation

The request to change the password for user ID {0} could not be completed because of a password policy violation.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a password that satisfies all of the requirements that are defined by the current account-security settings.

- **FQXHMSE0253J The request to change the password for user ID {0} was not successful.**

Explanation

The request to change the password for user ID {0} could not be completed because the new password is the same as the current password.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a new password that is not a duplicate of the current password for user ID {0}.

- **FQXHMSE0254J The request to change the password for user ID {0} was not successful.**

Explanation

The request to change the password for user ID {0} could not be completed because the new and confirm passwords do not match.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying new and confirmation passwords that match.

- **FQXHMSE0255J The request to change the password for user ID {0} was not successful.**

Explanation

The request to change the password for user ID {0} could not be completed because the new or confirm password is empty.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying new and confirmation passwords.

- **FQXHMSE0256J The request to change the password for user ID {0} was not successful.**

Explanation

The request to change the password for user ID {0} could not be completed for an unknown reason.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, contact Support.

- **FQXHMSE0257J The request to change the password for user ID {0} was not successful.**

Explanation

The request to change the password for user ID {0} could not be completed for an unknown reason.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying all required fields. If the problem persists, contact Support.

- **FQXHMSE0260I The request to modify the user ID {0} completed successfully.**

Explanation

The request to modify the user ID {0} was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0261J The request to modify the user ID {0} was not successful.**

Explanation

The request to modify the user ID {0} could not be completed because of a password policy violation.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a password that satisfies all of the requirements that are defined by the current account-security settings.

- **FQXHMSE0262J The request to rename the user ID {0} was not successful.**

Explanation

The request to rename the user ID {0} could not be completed because the user already exists.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a unique user name.

- **FQXHMSE0263J The request to modify the user ID {0} was not successful.**

Explanation

The request to modify the user ID {0} could not be completed because the user name is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid user name.

- **FQXHMSE0264J The request to modify the user ID {0} was not successful.**

Explanation

The request to modify the user ID {0} could not be completed because the password is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid password.

- **FQXHMSE0265J The request to modify the user ID {0} was not successful.**

Explanation

The request to modify the user ID {0} could not be completed because the user name is reserved.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different user name.

- **FQXHMSE0266J The request to modify a user was not successful.**

Explanation

The request to modify a user could not be completed because a parameter was not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters.

- **FQXHMSE0267J The request to modify the user ID {0} was not successful.**

Explanation

The request to modify the user ID {0} could not be completed for an unknown reason.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters. If the problem persists, contact Support.

- **FQXHMSE0268J The request to modify the user ID {0} was not successful.**

Explanation

The request to modify the user ID {0} could not be completed because an attempt was made to disable a recovery user with a LXC-RECOVERY role; recovery users cannot be disabled.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different user name or removing the user from the LXC-RECOVERY role.

- **FQXHMSE0270I The request to delete the user ID {0} completed successfully.**

Explanation

The request to delete the user ID {0} was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0271J The request to delete the user ID {0} was not successful.**

Explanation

The request to delete the user ID {0} could not be completed for an unknown reason.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying all required fields. If the problem persists, contact Support.

- **FQXHMSE0272J The request to delete a user was not successful.**

Explanation

The request to delete a user could not be completed because a parameter was not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying all required fields. If the problem persists, contact Support.

- **FQXHMSE0273J The request to delete the user ID {0} was not successful.**

Explanation

The request to delete the user ID {0} could not be completed because the user name is reserved.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different user name.

- **FQXHMSE0274J User ID {0} does not have sufficient permissions for this specific request.**

Explanation

The request from user ID {0} could not be completed because the user does not have the correct permissions to carry it out.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Modify the user's account to augment the user's role.

- **FQXHMSE0275J An error occurred because the password of the user that is currently logged in has expired.**

Explanation

An error occurred because the password of the user that is currently logged in has expired.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Change the user's password.

- **FQXHMSE0276J Session credentials for user ID {0} cannot be verified.**

Explanation

The request was aborted for security reasons, to ensure that your browser is not being hijacked by third parties.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to log in again.

- **FQXHMSE0277J The request to log in could not be completed successfully.**

Explanation

Permission information could not be retrieved because the user is not a member of a locally defined role group.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that there is a locally defined role group in the authentication server that matches the name of a role group of which user is a member. Either create a new locally defined role group to match a remote group name, or access the authentication server and add the user to a remote group that matches the name of an existing locally defined role group. Then, attempt the operation again.

- **FQXHMSE0280J The requested user does not exist.**

Explanation

The request could not be completed because the user does not exist.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different user name.

- **FQXHMSE0281J The request could not be completed successfully.**

Explanation

User management is not permitted when the user authentication method is LDAP.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Change the user authentication method to local, and attempt the operation again.

- **FQXHMSE0290J The request to log in could not be completed successfully.**

Explanation

Your password has expired or must be changed before you can log in.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Connect to the LDAP server to change your password, then attempt to log in again.

- **FQXHMSE0291J The request to log in could not be completed successfully.**

Explanation

The user name or password is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

You must log in using the correct user name and password. If you do not know the correct password, ask your system administrator to reset your password on the authentication server.

- **FQXHMSE0292J The request to log in could not be completed successfully.**

Explanation

The user account has been locked due to too many failed attempts to log in.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ask your system administrator to unlock the account from the LDAP directory server.

- **FQXHMSE0293J The request to log in could not be completed successfully.**

Explanation

The authentication server did not provide the reason for the failure.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Try to log in again or ask your system administrator for assistance.

- **FQXHMSE0294J The request to log in could not be completed successfully.**

Explanation

The user name or password is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

You must log in using the correct user name and password. If you do not know the correct password, ask your system administrator to reset your password on the authentication server.

- **FQXHMSE0295J The request to log in could not be completed successfully.**

Explanation

The account has been locked due to too many failed login attempts.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ask your system administrator to unlock the user account for you.

- **FQXHMSE0296J The request to log in could not be completed successfully.**

Explanation

The management server did not provide the reason for the failure.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to log in again, or ask your system administrator for assistance.

- **FQXHMSE0297J The request to log in could not be completed successfully.**

Explanation

The user account is disabled.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the account is enabled, or ask your system administrator for assistance.

- **FQXHMSE0298J Login failed. The maximum number of active sessions for this user account is exceeded. Log out of an existing session, and try again.**

Explanation

Maximum number of active sessions for this user account is exceeded.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Login failed. The maximum number of active sessions for this user account is exceeded. Log out of an existing session, and try again.

- **FQXHMSE0300I Security policy level was changed by user ID [arg1] at IP address [arg2] to [arg3].**

Explanation

The specified user has changed the security policy to the specified level.

Arguments

[arg1] User ID of user who changed the policy level

[arg2] IP address of user who changed the policy level

[arg3] The new security policy level

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0301J Could not change security-policy level.**

Explanation

The request to set the security-policy level was not successful because account security settings do not comply with {0} security policy level requirements. The new security-policy level requires password policies to be strong. One or more account-security settings do not comply with this requirement. The management server will remain at security-policy level {1}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Change the account-security settings to values that are allowed by security-policy level {0}, and complete the operation again.

- **FQXHMSE0302J The request to change the account-security settings was not successful.**

Explanation

The account-security settings could not be changed due to out-of-range values or conflicting settings.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Change the following account-security settings to resolve conflicts, and configure the account security again.

{0} {1} {2} {3} {4} {5} {6} {7} {8} {9} {10} {11} {12} {13} {14} {15}

- **FQXHMSE0303I Minimum password length was changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The specified user changed the minimum password length, which determines the minimum number of characters required for a password.

Arguments

[arg1] The new minimum password length

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0304I Maximum password length was changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The specified user changed the maximum password length, which determines the maximum number of characters allowed for a password.

Arguments

[arg1] The new maximum password length

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0305I The minimum password reuse cycle setting was changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The specified user changed the account security setting for minimum password reuse cycle, which determines the number of password changes before a password can be reused.

Arguments

[arg1] The number of password changes before a password can be reused

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0306I The password expiration period setting was changed to [arg1] days by user ID [arg2] at IP address [arg3].**

Explanation

The specified user changed the password expiration time interval, which determines the number of days that a password is valid before it expires.

Arguments

[arg1] The new time interval (in days)

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0307I The inactivity alert period setting was changed to [arg1] minutes by user ID [arg2] at IP address [arg3].**

Explanation

The specified user changed the account security setting for inactivity alert period, which determines the number of minutes a user account can be inactive (not used to log in) before it becomes dormant.

Arguments

[arg1] The new time period (in minutes)

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0308I The minimum password change interval setting changed to [arg1] hours by user ID [arg2] at IP address [arg3].**

Explanation

The specified user changed the minimum password change interval, which determines the number of hours that a password must be in effect before it can be changed.

Arguments

[arg1] The new time period (in hours)

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0309I The maximum number of login failures setting changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The specified user changed the account security setting for maximum number of login failures, which determines the maximum number of login failures before an account is locked out.

Arguments

[arg1] The new maximum number of login failures

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0310I The lockout period after maximum login failures setting changed to [arg1] minutes by user ID [arg2] at IP address [arg3].**

Explanation

The specified user changed the account security setting for lockout period after maximum login failures, which determines the number of minutes that a user account is locked out after the maximum number of login failures is exceeded.

Arguments

[arg1] The new time period (in minutes)

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0311I The simple password rules setting was changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The specified user changed the account security setting for simple password rules, which determines the type of password that is acceptable.

Arguments

[arg1] The new setting

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0312I The minimum different characters in passwords setting changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The specified user changed the account security setting for minimum different characters in passwords, which determines how many unique characters must be used when a password is created or changed.

Arguments

[arg1] The number of different characters

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0313I The force user to change password on first login setting changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The specified user changed the account security setting to force users to change password on first access. The user must change the password the next time the user logs in to the management server.

Arguments

[arg1] The new setting

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0314I The password expiration warning period setting changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The specified user changed the account security setting to warn users when their passwords are close to expiring. Warnings will be displayed [arg1] days before a user's password will expire.

Arguments

[arg1] The new setting

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0315J The request to change the minimum password length was not successful.**

Explanation

The minimum password length must be a value in the range {0} to {1}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different value.

- **FQXHMSE0316J The request to change the maximum password length was not successful.**

Explanation

The maximum password length must be a value in the range {0} to {1}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different value.

- **FQXHMSE0317J The request to change the minimum password reuse cycle was not successful.**

Explanation

The minimum password reuse cycle must be a value in the range {0} to {1}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different value.

- **FQXHMSE0318J The request to change the password expiration period was not successful.**

Explanation

The password expiration period must be a value in the range {0} to {1}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different value.

- **FQXHMSE0319J The request to change the web inactivity session timeout was not successful.**

Explanation

The web inactivity session timeout must be a value in the range {0} to {1}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different value.

- **FQXHMSE0320J The request to change the minimum password change interval was not successful.**

Explanation

The minimum password change interval must be a value in the range {0} to {1}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different value.

- **FQXHMSE0321J The request to change the maximum number of login failures was not successful.**

Explanation

The maximum number of login failures must be a value in the range {0} to {1}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different value.

- **FQXHMSE0322J The request to change the lockout period after the maximum login failures was not successful.**

Explanation

The lockout period after the maximum login failures must be a value in the range {0} to {1}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different value.

- **FQXHMSE0323J The request to change the simple password rules was not successful.**

Explanation

The simple password rules must be set to {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different value.

- **FQXHMSE0324J The request to change the minimum different characters in a password was not successful.**

Explanation

The minimum number of different characters in a password must be a value in the range {0} to {1}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different value.

- **FQXHMSE0325J The request to change the password expiration warning period was not successful.**

Explanation

The password expiration warning period must be greater than or equal to {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different value.

- **FQXHMSE0326J The request to change the requirement to force a user to change password on first access was not successful.**

Explanation

The value for forcing a user to change the password on first access must be {0} or {1}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different value.

- **FQXHMSE0327J The request to change the minimum different characters allowed in a password was not successful.**

Explanation

The minimum different characters allowed in a password must be less than or equal to {0}, which is the value for the maximum password length that is allowed by the system.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different value.

- **FQXHMSE0328J The request to change the minimum password length was not successful.**

Explanation

The value for the minimum password length must be less than or equal to {0}, which is the value for the maximum password length that is allowed by the system.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different value.

- **FQXHMSE0329J The request to change the minimum password change interval was not successful.**

Explanation

The value for the minimum password change interval must be less than or equal to the password expiration period.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different value.

- **FQXHMSE0330J The request to change the password-expiration warning period was not successful.**

Explanation

The password-expiration warning period must be less than or equal to the password expiration period.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different value.

- **FQXHMSE0331I The request to change security-policy level to {0} completed successfully.**

Explanation

The request to change security-policy level to {0} completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0332I The maximum concurrent sessions setting changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The specified user changed the account security setting for maximum concurrent sessions, which determines the maximum number of concurrent sessions the specified user can have open.

Arguments

[arg1] The new setting

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0333J The request to change the maximum concurrent sessions value was not successful.**

Explanation

The maximum concurrent sessions must be a value in the range {0} to {1}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different value.

- **FQXHMSE0334J There are {0} active license keys that entitle licenses for {1} devices; however, {2} managed devices require licenses. You have {3} days remaining to install the appropriate number of licenses to be in compliance.**

Explanation

You need to have less managed devices than the license permit.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

To purchase additional licenses, contact your Lenovo representative or authorized business partner.
[Learn more](#)

- **FQXHMSE0335K It has been over 90 days since non-compliance has been detected on {0} . Management functions have been disabled until this issue has been corrected.**

Explanation

You need to have less managed devices than the license permit.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

To purchase additional licenses, contact your Lenovo representative or authorized business partner.
[Learn more](#)

- **FQXHMSE0336J Please import the first license via the web interface in order to accept the License Agreement.**

Explanation

You need to accept EULA in order to import licenses.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSE0337I The minimum password complexity rules setting changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The specified user changed the minimum password complexity rules setting for password validation, which determines the rules on how a password is validated.

Arguments

[arg1] The new setting

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0400I A node account created for user ID [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The specified user created a node account for the specified user account.

Arguments

[arg1] User ID of node account

[arg2] User ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0401I A node account for user ID [arg1] changed by user ID [arg2] at IP address [arg3].**

Explanation

The specified user changed the node account for the specified user account.

Arguments

[arg1] User ID of changed account

[arg2] User ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0402I A node account for user ID [arg1] deleted by user ID [arg2] at IP address [arg3].**

Explanation

The specified user deleted the node account for the specified user account.

Arguments

[arg1] User ID of deleted account

[arg2] User ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0403I Centralized node account management was enabled for chassis [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The specified user enabled management of node account on the specified chassis.

Arguments

[arg1] Identifier of chassis

[arg2] User ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0404I Node account management responsibility was transferred to chassis [arg1].**

Explanation

The specified chassis is no longer managed and responsibility for managing node accounts has transferred to the chassis.

Arguments

[arg1] Identifier of chassis

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0405I A node account for user ID [arg1] was activated on chassis [arg2] by user ID [arg3] at IP address [arg4].**

Explanation

The specified user activated the specified node account on the specified chassis.

Arguments

[arg1] User ID of node account

[arg2] Identifier of chassis

[arg3] User ID of user who changed the setting

[arg4] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0406I A node account for user ID [arg1] was deactivated on chassis [arg2] by user ID [arg3] at IP address [arg4].**

Explanation

The specified user deactivated the specified node account on the specified chassis.

Arguments

[arg1] User ID of node account

[arg2] Identifier of chassis

[arg3] User ID of user who changed the setting

[arg4] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0500J The provided cryptographic mode value is not valid.**

Explanation

The provided cryptographic mode value does not match one of the expected string values. The requested operation was not performed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid value.

- **FQXHMSE0501J The provided minimum SSL/TLS protocol level is not valid.**

Explanation

The provided minimum SSL/TLS protocol level does not match one of the expected string values. The requested operation was not performed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid value.

- **FQXHMSE0502J The cryptographic mode is not compatible with the minimum SSL/TLS protocol level.**

Explanation

NIST SP 800-131A compliance requires a minimum SSL/TLS protocol of TLS 1.2. Any SSL/TLS protocol level that is lower than TLS 1.2 is not allowed when the cryptographic mode is set to NIST SP 800-131A. The requested operation was not performed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Choose a minimum cipher suite level that is compatible with cryptography mode NIST SP 800-131A, or change the cryptography mode, and then attempt the operation again.

- **FQXHMSE0503I The minimum TLS protocol level settings for [arg1] were changed to client=[arg2], server=[arg3], OS deploy=[arg4] by user ID [arg5] at IP address [arg6].**

Explanation

The specified user changed the minimum SSL/TLS protocol level to the specified value.

Arguments

[arg1] Target or targets of settings change

[arg2] Value of new client minimum TLS level setting

[arg3] Value of new server minimum TLS level setting

[arg4] Value of new OS deploy server minimum TLS level setting

[arg5] User ID of user who changed the setting

[arg6] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0504I The cryptographic mode for [arg1] was changed to [arg2] by user ID [arg3] at IP address [arg4].**

Explanation

The specified user changed the cryptographic mode setting to the specified value.

Arguments

[arg1] Target or targets of settings change

[arg2] Value of new setting

[arg3] User ID of user who changed the setting

[arg4] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0505J The provided cryptographic mode value cannot be enforced with the current server certificate.**

Explanation

NIST SP 800-131A compliance requires a server certificate with a longer key length or signed with stronger cryptographic algorithms.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Regenerate the server certificate or sign the certificate signing request (CSR) with encryption and hashing algorithms that meet the NIST SP 800-131A standards.

- **FQXHMSE0506J The provided cryptographic mode value cannot be enforced with the currently configured endpoint user accounts.**

Explanation

NIST SP 800-131A compliance prohibits the use of MD5 authentication and DES encryption for SNMPv3 user accounts.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Reconfigure endpoint user accounts to use SHA authentication and AES encryption for SNMPv3 management.

- **FQXHMSE0507J The provided cryptographic mode value cannot be enforced with the current trusted certificates.**

Explanation

NIST SP 800-131A compliance requires certificates in the trust store (such as those that are used for external authentication servers) to have longer key lengths and stronger cryptographic signature algorithms.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that any externally-signed trusted certificates contain encryption and hashing algorithms that meet the NIST SP 800-131A standards, and then attempt the operation again.

- **FQXHMSE0508J An internal connection failure occurred while attempting to change cryptographic settings on the endpoint.**

Explanation

An internal communication problem with the management server interrupted the request to change the cryptographic settings on the endpoint.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Open the endpoint's management web interface, navigate to the Cryptographic settings tab in the Security section, and manually change the NIST SP 800-131A cryptographic mode and SSL/TLS protocol level to match the settings in this management server. If the failure persists, collect service data and contact Support.

- **FQXHMSE0509J The command to change the cryptographic settings on the endpoint failed.**

Explanation

An error status code was returned while running the command to change cryptographic settings on the endpoint.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to address any hardware or firmware compatibility issues on the endpoint. Then, open the endpoint's management web interface, navigate to the Cryptographic settings tab in the Security section, and manually change the NIST SP 800-131A cryptographic mode and SSL/TLS protocol level to match the settings in this management server. If the failure persists, collect service data and contact Support.

- **FQXHMSE0510I The minimum TLS protocol level settings were changed to client={arg1}, server={arg2} on {arg3} devices of which {arg4} are successfully, see the full devices list in the log of job {arg5}**

Explanation

The minimum TLS protocol level settings were changed to to the specified value on selected devices.

Arguments

[arg1] value of client TLS version

[arg2] Value of server TLS version

[arg3] Total count of devices which set TLS

[arg4] Successfully count of devices which set TLS

[arg5] Job ID

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0510J The command to change the cryptographic settings failed.**

Explanation

The input values for whether to apply the settings to the management server or managed devices were both false.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Set one or both of "applyToMgmtServer" or "applyToManagedDevices" to "true" and attempt the request again.

- **FQXHMSE0511I Security mode is upgraded to {arg1} Mode on {arg2} devices of which {arg3} are successfully, see the full devices list in the log of job {arg4}**

Explanation

The security mode settings were changed to the specified value on selected devices.

Arguments

[arg1] Value of security mode

[arg2] Total count of devices which set security mode

[arg3] Successfully count of devices which set security mode

[arg4] Job ID

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0512I Ipmioverkcs for {arg1} was {arg2} by user ID {arg3} at IP address {arg4}.**

Explanation

Ipmioverkcs was enabled/disabled on selected devices.

Arguments

{arg1} Identifier of server

{arg2} Value of new setting

{arg3} User ID of user who changed the setting

{arg4} IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0600I An unsecure connection to the server at address {0}, port {1} completed successfully.**

Explanation

No transport layer security handshake or server certificate verification was required.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0601I A secure connection to the server at address {0}, port {1} was successful.**

Explanation

The transport layer security handshake and server certificate verification completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0602J An unsecure connection to the server at address {0}, port {1} could not be completed successfully.**

Explanation

The server could not be reached because the address and port number are incorrect.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying the correct address and port number.

- **FQXHMSE0603J A secure connection to the server at address {0}, port {1} could not be completed successfully.**

Explanation

Potential reasons for this issue include: The server could not be reached because the address and port number are not correct. The transport layer security handshake could not be completed because the server is not configured to use transport layer security on port {1}. The server certificate could not be verified because the correct trusted certificates have not been imported. The server certificate appears on a certificate revocation list.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the correct trusted certificates have been imported and that the certificates have not been revoked. Then, attempt the operation again, specifying the correct address and port number.

- **FQXHMSE0604I Binding to the server using the distinguished name {0} completed successfully.**

Explanation

The client distinguished name and password were recognized by the server.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0605F Binding to the server using the distinguished name {0} could not be completed successfully.**

Explanation

The server responded with the following message: {1}

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying the correct distinguished name and password.

- **FQXHMSE0606I A search for user entries on the server completed successfully.**

Explanation

The server returned {0} user entries. More entries might be available on the server; however, this test search requested at most {1} entries.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0607J A search for user entries on the server could not be completed successfully.**

Explanation

The server returned the following response: {1}

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a distinguished name and password that has permission to access user entries on the server.

- **FQXHMSE0608I A search for role group entries on the server completed successfully.**

Explanation

The server returned {0} role group entries. More entries might be available on the server; however, this test search requested at most {1} entries.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0609J A search for role group entries on the server could not be completed successfully.**

Explanation

The server returned the following response: {1}

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a distinguished name and password that has permission to access role group entries on the server.

- **FQXHMSE0610J The request to change the LDAP configuration could not be completed successfully.**

Explanation

A parameter was not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters on the request.

- **FQXHMSE0611J The request to change the LDAP configuration could not be completed successfully.**

Explanation

The request to change the LDAP configuration could not complete for an unknown reason.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters. If the problem persists, contact Support.

- **FQXHMSE0612J The LDAP trusted certificate was not found.**

Explanation

No LDAP trusted certificate could be found at the specified path.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid path.

- **FQXHMSE0613J The LDAP trusted certificate could not be added.**

Explanation

A parameter is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters.

- **FQXHMSE0614J The changes to the LDAP configuration could not be completed successfully.**

Explanation

These changes might cause a loss of connectivity to managed systems.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Changes to the LDAP configuration must be made before managing any systems.

- **FQXHMSE0615J The LDAP trusted certificate could not be added.**

Explanation

The certificate could not be decoded.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a certificate in PEM format.

- **FQXHMSE0616I The LDAP server returned the following response to a test search for user entries.**

Explanation

{0}

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0617I The LDAP server returned the following response to a test search for role group entries.**

Explanation

{0}

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0618J Unsecure communication to the server at address {0}, port {1} could not be completed successfully.**

Explanation

The server could be reached, but a communication protocol error occurred. The server might require transport layer security, or it might not be a supported LDAP server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Ensure the server does not require transport layer security.
2. Ensure the server is a supported LDAP server.
3. Attempt the operation again, specifying the address and port number of an LDAP server that does not require transport layer security.

- **FQXHMSE0619J Secure communication to the server at address {0}, port {1} could not be completed successfully.**

Explanation

A secure connection to the server was established, but a communication protocol error occurred. The server might not be a supported LDAP server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying the address and port number of a supported LDAP server.

- **FQXHMSE0620I The LDAP server selection method setting changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The LDAP server selection method determines whether LDAP server addresses are preconfigured, or resolved through a DNS service record.

Arguments

[arg1] The new setting

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0621I A preconfigured LDAP server, [arg1], was added by user ID [arg2] at IP address [arg3].**

Explanation

Preconfigured server addresses are IP addresses or DNS host names that point to specific LDAP servers.

Arguments

[arg1] The preconfigured server and port number in [address]:[port] format

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0622I The LDAP root distinguished name setting was changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The root distinguished name setting determines the location where LDAP user and group searches begin. A broader root distinguished name, such as dc=example,dc=com, is likely to return more search results than a narrower root distinguished name, such as ou=operations,dc=example,dc=com.

Arguments

[arg1] the new setting

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0623I The Active Directory forest name setting was changed to "[arg1]" by user ID [arg2] at IP address [arg3].**

Explanation

The Active Directory forest name is used to locate Active Directory global catalog servers. Global catalog servers contain information about groups that have members in multiple Active Directory domains.

Arguments

[arg1] the new setting (blank is a valid value)

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0624I The LDAP domain name setting was changed to "[arg1]" by user ID [arg2] at IP address [arg3].**

Explanation

The domain name is used to locate LDAP servers using a DNS service record. In an Active Directory environment, domain controllers are often located using a DNS service record.

Arguments

[arg1] the new setting (blank is a valid value)

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0625I The LDAP client distinguished name setting was changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The client distinguished name and password are used to authenticate to LDAP servers to search them for user and group information.

Arguments

[arg1] the new setting

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0626I The LDAP client password setting was changed by user ID [arg1] at IP address [arg2].**

Explanation

The client distinguished name and password are used to authenticate to LDAP servers to search them for user and group information.

Arguments

[arg1] The ID of user who changed the setting

[arg2] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0627I The LDAP SSL setting was changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The SSL setting specifies whether connections to LDAP servers should be secured using the SSL or TLS protocols.

Arguments

[arg1] the new setting

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0628I The LDAP trusted certificate [arg1] was replaced by user ID [arg2] at IP address [arg3].**

Explanation

Trusted certificates are used to verify the authenticity of the LDAP server before using it for user authentication.

Arguments

[arg1] the numeric certificate id

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0629I The LDAP trusted certificate [arg1] was deleted by user ID [arg2] at IP address [arg3].**

Explanation

Trusted certificates are used to verify the authenticity of the LDAP server before using it for user authentication.

Arguments

[arg1] the numeric certificate id

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0630I The LDAP user authentication method setting changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The LDAP user authentication method determines whether users are authenticated locally or through an external LDAP server.

Arguments

[arg1] The new setting

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0631I The LDAP user authentication method was set to [arg1] after a change attempted by user ID [arg2] at IP address [arg3] failed.**

Explanation

Communication with all of the configured LDAP servers was not successful. The LDAP user authentication method was changed to the "Allow logons from local user's" setting.

Arguments

[arg1] The LDAP user authentication method

[arg2] The ID of the user who attempted to change the settings

[arg3] IP address of the user who attempted to change the settings

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

[{ "text" : [{ "text" : [{ "text" : "Make sure that at least one LDAP server is running", "format" : ["listElement"] }, { "text" : "Make sure that there is network connectivity from the management server to at least one LDAP server.", "format" : ["listElement"] }, { "text" : "If the management server is configured to use Transport Layer Security, make sure that at least one LDAP server is providing a certificate signed by a certificate on the LXCA "Trusted Certificates" page.", "format" : ["listElement"] }, { "text" : "Make sure an entry with the client distinguished name and password configured on the management server exists in the LDAP directory.", "format" : ["listElement"] }, { "text" : "After taking the required corrective actions, attempt the change again.", "format" : ["listElement"] }], "format" : ["orderedList"] }], "format" : ["cdata"] }]

- **FQXHMSE0632I The LDAP binding method setting changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The LDAP binding method determines which user credentials are used to perform the initial bind to the external LDAP server.

Arguments

[arg1] The new setting

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0633I The LDAP User Search Attribute setting was changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The User Search Attribute setting identifies the LDAP attribute that is used on the LDAP server to look up users.

Arguments

[arg1] the new setting

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0634I The LDAP Group Search Attribute setting was changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The Group Search Attribute setting identifies the LDAP attribute that is used on the LDAP server to look up groups to which users belong.

Arguments

[arg1] the new setting

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0635I The LDAP setting to use servers as Global Catalogs was changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

This setting specifies whether configured LDAP servers should be used as Global Catalogs.

Arguments

[arg1] the new setting

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0636I The LDAP Group Name Attribute setting was changed to [arg1] by user ID [arg2] at IP address [arg3].**

Explanation

The Group Name Attribute setting identifies the LDAP attribute that is used on the LDAP server to look up all groups that are configured by the LDAP server.

Arguments

[arg1] the new setting

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0640J DNS resolution of LDAP server addresses could not be completed successfully.**

Explanation

A search of {0} returned no records.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a domain name that contains one or more LDAP service records.

- **FQXHMSE0641J The requested user authentication method could not be set successfully.**

Explanation

A test search returned {0} user and {1} role group entries. Setting the user authentication method to LDAP might render your management server inaccessible.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Create missing user or role group entries, and attempt the operation again.

- **FQXHMSE0642I The requested user authentication method was set successfully.**

Explanation

A test for connectivity and usability of the specified LDAP configuration indicates that LDAP authentication is likely to be successful.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXHMSE0643J The root distinguished name could not be determined.**

Explanation
No root distinguished name was specified, and the server did not return enough information to accurately determine the correct root distinguished name.

Severity
Warning

Serviceable with log
No

Automatically Notify Support
No

User Action
Attempt the operation again, specifying a valid root distinguished name.

- **FQXHMSE0650J The request to change LDAP client settings could not be completed successfully.**

Explanation
A change might disrupt communication with managed systems.

Severity
Warning

Serviceable with log
No

Automatically Notify Support
No

User Action
Unmanage all managed systems, and attempt the operation again.

- **FQXHMSE0651I The domain name service returned the following response to a {0} service request.**

Explanation
{1}:{2}

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXHMSE0652G The requested user authentication method was set successfully, but some warnings were noted.**

Explanation

A test for connectivity and usability of the specified LDAP configuration indicates that LDAP authentication is likely to be successful, but some warnings were noted. A complete list of messages has been provided.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Examine the complete list of messages, and correct the warnings as needed.

- **FQXHMSE0653J The root distinguished name is not valid.**

Explanation

The root distinguished name is not formatted correctly.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid distinguished name according to RFC4514.

- **FQXHMSE0654G A search for user entries on the server could not be completed successfully.**

Explanation

The server returned {0} user entries. More entries might be available on the server; however, they could not be located using the specified root distinguished name.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- Specify a blank root distinguished name to allow the management server to discover the correct value. This might not be supported by all LDAP servers.
- Specify a different root distinguished name to allow the management server to discover more users.

- **FQXHMSE0655G A search for role group entries on the server could not be completed successfully.**

Explanation

The server returned {0} role group entries. More entries might be available on the server; however, they could not be located using the specified root distinguished name.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- If the required role groups exist on another server, such as a global catalog, no action is required.
- Specify a blank root distinguished name to allow the management server to discover the correct value. This might not be supported by all LDAP servers.
- Specify a different root distinguished name to allow the management server to discover more role groups.

- **FQXHMSE0656J No recovery user was found**

Explanation

When authentication is configured for external LDAP servers, one or more local users on the management server must be members of a group with the LXC-RECOVERY role so that the management server can be recovered if the LDAP servers become unavailable.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Add a user with login privileges on the management server to a role group that has the LXC-RECOVERY role.

- **FQXHMSE0698K One or more external LDAP servers are now reachable.**

Explanation

Communication with one or more of the configured LDAP servers is successful.

Arguments**Severity**

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0699K All external LDAP servers are unreachable.**

Explanation

Communication with all of the configured LDAP servers was not successful. This may interrupt communication between the management server and all managed servers. This problem may be due to a temporary server or network outage.

Arguments**Severity**

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

[{ "text" : [{ "text" : [{ "text" : "Make sure that at least one LDAP server is running", "format" : ["listElement"] }], { "text" : "Make sure that there is network connectivity from the management server to at least one LDAP server.", "format" : ["listElement"] }], { "text" : "If the management server is configured to use transport layer security, make sure that at least one LDAP server is providing the correct trusted certificate.", "format" : ["listElement"] }], { "text" : "Make sure an entry with the client distinguished name and password configured on the management server exists in the LDAP directory.", "format" : ["listElement"] }], { "text" : [{ "text" : "If the problem persists:", "format" : [] }, { "text" : [{ "text" : "Unmanage all managed servers.", "format" : ["listElement"] }], { "text" : "Connect to each previously managed server and perform the documented recovery operation to return it to local user authentication.", "format" : ["listElement"] }], { "text" : "Reconfigure the management server with the correct LDAP client settings, or Restore the LDAP client settings to their default values.", "format" : ["listElement"] }], { "text" : "Remanage all previously managed servers.", "format" : ["listElement"] }], "format" : ["bulletList"] }], "format" : ["listElement"] }], "format" : ["orderedList"] }], "format" : ["cdata"] }] }

- **FQXHMSE0700I Authorization group [arg1] was created by user ID [arg2] at IP address [arg3].**

Explanation

The specified user has created the specified authorization group.

Arguments

[arg1] Name of new group

[arg2] User ID of user who created the group

[arg3] IP address of user who created the group

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0701I Authorization group [arg1] was changed by user ID [arg2] at IP address [arg3].**

Explanation

The specified user changed the specified authorization group.

Arguments

[arg1] Name of group that was changed

[arg2] User ID of user who changed the group

[arg3] IP address of user who changed the group

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0702I Authorization group [arg1] was deleted by user ID [arg2] at IP address [arg3].**

Explanation

The specified user has deleted the specified authorization group.

Arguments

[arg1] Name of deleted group

[arg2] User ID of user who deleted group

[arg3] IP address of user who deleted group

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0710J The requested role group does not exist.**

Explanation

The request could not complete because the role group does not exist.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different group name.

- **FQXHMSE0711J The request to add a role group was not successful.**

Explanation

The request to add a role group could not complete because a parameter was not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters.

- **FQXHMSE0712J The request to add the role group {0} was not successful.**

Explanation

The request to add the role group {0} could not be completed because the role group name is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid role group name.

- **FQXHMSE0713J The request to add the role group {0} was not successful.**

Explanation

The request to add the role group {0} could not be completed because the role group name is reserved.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different role group name.

- **FQXHMSE0714J The request to add the role group {0} was not successful.**

Explanation

The request to add the role group {0} could not be completed because the role group already exists.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a unique role group name.

- **FQXHMSE0715J The request to add the role group {0} was not successful.**

Explanation

The request to add the role group {0} could not be completed for an unknown reason.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters on the request. If the problem persists, contact Support.

- **FQXHMSE0716J The request to modify a role group was not successful.**

Explanation

The request to modify a role group could not be completed because a parameter was not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters.

- **FQXHMSE0717J The request to modify the role group {0} was not successful.**

Explanation

The request to modify the role group {0} could not be completed because the group name is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid role group name.

- **FQXHMSE0718J The request to modify the role group {0} was not successful.**

Explanation

The request to modify the role group {0} could not be completed because the group name is reserved.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different role group name.

- **FQXHMSE0719J The request to rename the role group {0} was not successful.**

Explanation

The request to rename the role group {0} could not be completed because the role group already exists.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a unique role group name.

- **FQXHMSE0720J The request to modify the role group {0} was not successful.**

Explanation

The request to modify the role group {0} could not be completed for an unknown reason.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters. If the problem persists, contact Support.

- **FQXHMSE0721J The request to delete the role group {0} was not successful.**

Explanation

The request to delete the role group {0} could not be completed because the role group name is reserved.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different role group name.

- **FQXHMSE0722J The request to delete the role group {0} was not successful.**

Explanation

The request to delete the role group {0} could not be completed for an unknown reason.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying all required fields. If the problem persists, contact Support.

- **FQXHMSE0723I The request to modify the role group {0} completed successfully.**

Explanation

Role group {0} was modified.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0724I The request to delete the role group {0} completed successfully.**

Explanation

Role group {0} was deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0725J The role group deletion request was not successful.**

Explanation

The request to delete a role group could not be completed because a parameter was not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying all required fields. If the problem persists, contact Support.

- **FQXHMSE0726J The role group retrieval request was not successful.**

Explanation

The request to retrieve role group data could not be completed because it is not formatted correctly.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid format.

- **FQXHMSE0727J The role retrieval request was not successful.**

Explanation

The request to retrieve role information could not be completed because it is not formatted correctly.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid format.

- **FQXHMSE0728J The role retrieval request was not successful.**

Explanation

The request to retrieve role information could not be completed because the specified role does not exist.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying an existing role.

- **FQXHMSE0729J The role creation request was not successful.**

Explanation

The request to create a role could not be completed because the request is not formatted correctly.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid format.

- **FQXHMSE0730J The role creation request was not successful.**

Explanation

The request to create a role could not be completed because a parameter was not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters.

- **FQXHMSE0731J The request to add a role was not successful.**

Explanation

The request to add a role could not be completed because the role name is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid role name.

- **FQXHMSE0732J The request to add a role was not successful.**

Explanation

The request to add a role could not be completed because the specified role name is reserved.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different role name.

- **FQXHMSE0733J The request to add a role was not successful.**

Explanation

The request to add a role could not be completed because the specified role already exists.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different role name.

- **FQXHMSE0734J The request to add a role was not successful.**

Explanation

The request to add a role could not be completed for an unknown reason.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters. If the problem persists, contact Support.

- **FQXHMSE0735J The role deletion request was not successful.**

Explanation

The request to delete a role could not be completed because the request is not formatted correctly.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid format.

- **FQXHMSE0736J The role deletion request was not successful.**

Explanation

The request to delete a role could not be completed because the specified role does not exist.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the role exists before deleting it.

- **FQXHMSE0737J The request to add a role was not successful.**

Explanation

The request to add a role could not be completed for an unknown reason.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters. If the problem persists, contact Support.

- **FQXHMSE0738J The request to modify the role was not successful.**

Explanation

The request to modify the role could not be completed because the role is pre-defined.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation on a role that is not predefined.

- **FQXHMSE0740J The role group deletion request was not successful.**

Explanation

The request to delete a role group could not be completed because it has at least one user member.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Remove all users that are members of the specified role group. Then, attempt to delete the group again.

- **FQXHMSE0741J The role deletion request was not successful.**

Explanation

The request to delete a role could not be completed because the specified role name is reserved.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Do not attempt to delete a role that is reserved.

- **FQXHMSE0742J The request to modify a role group was not successful.**

Explanation

The request to modify a role group could not be completed because a specified user name is not valid or unknown.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the specified users to associate with the role group are valid, known, and not reserved, and attempt the operation again.

- **FQXHMSE0743J The requested privilege does not exist.**

Explanation

The request could not complete because the privilege does not exist.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different privilege identifier.

- **FQXHMSE0744J The privileges retrieval request was not successful.**

Explanation

The request to retrieve privileges data could not be completed because it is not formatted correctly.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid format.

- **FQXHMSE0745J The privileges have not been defined.**

Explanation

The request could not complete because there is no defined privilege.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again.

- **FQXHMSE0746J The requested privilege category does not exist.**

Explanation

The request could not complete because the privilege category does not exist.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different privilege category identifier.

- **FQXHMSE0750I The resource access control has been [arg1] by user ID [arg2] at the following IP address [arg3].**

Explanation

The specified user has changed the resource access control setting.

Arguments

[arg1] The state of the new resource access control setting.

[arg2] User ID of user who changed the resource access control.

[arg3] IP address of user who changed the resource access control.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0751I Access to resource [arg1] was granted by user ID [arg2] at IP address [arg3] for the following role groups: [arg4].**

Explanation

The specified user has granted access to the specified resource for the specified role groups.

Arguments

[arg1] ID or Name of the resource

[arg2] User ID of user who granted the access

[arg3] IP address of user who granted the access

[arg4] Role groups who were granted the access to the resource

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0751J The request to {0} the resource access control was not successful.**

Explanation

The operation to change the resource access control could not be completed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, collect service data and contact Support.

- **FQXHMSE0752I Access to resource [arg1] was modified by user ID [arg2] at IP address [arg3].**

Explanation

The specified user has modified access to the specified resource.

Arguments

[arg1] ID or Name of the resource

[arg2] User ID of user who modified the access details

[arg3] IP address of user who modified the access details

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0752J The request could not be completed successfully.**

Explanation

Resource management is not permitted when the user authentication method is LDAP.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Change the user authentication method to local, and attempt the operation again.

- **FQXHMSE0753I Access to resource *[arg1]* was removed by user ID *[arg2]* at IP address *[arg3]*.**

Explanation

The specified user has removed access to the specified resource.

Arguments

[arg1] ID or Name of the resource

[arg2] User ID of user who removed the access

[arg3] IP address of user who removed the access

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0753J The request to set up a new resource access was not successful.**

Explanation

The request to set up a new resource access could not be completed because a parameter was not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters.

- **FQXHMSE0754J The request to setup a new resource access was not successful.**

Explanation

The request to to setup a new resource access could not be completed due to invalid settings.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters .

- **FQXHMSE0755J The request to setup a new resource access was not successful.**

Explanation

The request to setup a new resource access could not be completed because the resource is not currently managed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure the resource is managed, and attempt the operation again.

- **FQXHMSE0756J The request to setup a new resource access was not successful.**

Explanation

The request to setup a new resource access could not be completed because the access for this resource already exists.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying another resource.

- **FQXHMSE0757J The request to setup a new resource access was not successful.**

Explanation

The request to setup a new resource access could not be completed for an unknown reason.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters. If the problem persists, contact Support.

- **FQXHMSE0758J The request to modify the resource access was not successful.**

Explanation

The request to modify the resource access could not be completed because a parameter was not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters.

- **FQXHMSE0759J The request to modify the resource access was was not successful.**

Explanation

The request to modify the resource access could not be completed because the resource is not currently managed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the resource is managed, and attempt the operation again.

- **FQXHMSE0760J The request to modify the resource access was not successful.**

Explanation

The request to modify the resource access could not be completed because the access for this resource does not exist.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying another resource.

- **FQXHMSE0761J The request to modify the resource access was not successful.**

Explanation

The request to modify the resource access could not be completed because a parameter was not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters on the request.

- **FQXHMSE0762J The requested resource access does not exist.**

Explanation

The request could not be completed because the resource access does not exist.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different resource.

- **FQXHMSE0763J The request to modify the resource access was not successful.**

Explanation

The request to modify the resource access could not be completed for an unknown reason.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters on the request. If the problem persists, contact Support.

- **FQXHMSE0764J The request to delete the resource access was not successful.**

Explanation

The request to delete the resource access could not be completed because a parameter was not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying valid parameters on the request.

- **FQXHMSE0765J The requested resource access does not exist.**

Explanation

The request could not be completed because the requested resource access does not exist.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different resource access.

- **FQXHMSE0766J The request to delete the resource access was was not successful.**

Explanation

The request to delete the resource access could not be completed because the resource is not currently managed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the resource is managed, and attempt the operation again.

- **FQXHMSE0767J The request to delete the resource access was not successful.**

Explanation

The request to delete the resource access could not be completed for an unknown reason.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying all required fields. If the problem persists, contact Support.

- **FQXHMSE0768J The request to delete resource access {0} was not successful.**

Explanation

The request to delete resource access {0} could not be completed because the resource identifier is reserved.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different resource identifier.

- **FQXHMSE0769J The request to add resource access {0} was not successful.**

Explanation

The request to add resource access {0} could not be completed because the resource identifier is reserved.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different resource identifier.

- **FQXHMSE0770J The authorization request could not be created due to invalid request data.**

Explanation

A resource ID in the request is not a valid UUID string.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the UUID portion of any resource ID strings in the request are 32 hexadecimal digits in length, and attempt the operation again.

- **FQXHMSE0771J The authorization request could not be created due to missing request data.**

Explanation

Either the authorization URI or the method type was not specified in the request. When checking the authorization of a particular action on the server, both the URI and the method type of the REST function must be specified.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying both the authorization URI and method type.

- **FQXHMSE0772J The authorization request could not be created due to conflicting resources in the request data.**

Explanation

If a resource is specified in the request URI path, then resources may not be specified in the request body; likewise, if resources are specified in the request body, then a resource may not be specified in the request URI path.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying only a single resource in the request URI path or a list of resources.

- **FQXHMSE0773J The authorization request could not be created due to missing request data.**

Explanation

Either an authorization action or one or more resource IDs must be specified in the request in order to determine authorization status.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying either an authorization action consisting of a URI and a method type or at least one resource ID.

- **FQXHMSE0774J The authorization request could not be created because group membership could not be determined for the user.**

Explanation

The role group membership for the user associated with this request could not be determined due to an internal error.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the user is authenticated for this request, and attempt the operation again. If the problem persists, contact Support.

- **FQXHMSE0775J The request to create the resource access was not successful.**

Explanation

The request to create the resource access could not be completed because some required fields were invalid or missing from the request.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying all required request parameters.

- **FQXHMSE0776J The request to modify the resource access was not successful.**

Explanation

The request to modify the resource access could not be completed because the resource identifier in the path did not match the resource identifier in the request body; this field may not be modified.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, making sure all specified resource identifiers are identical.

- **FQXHMSE0777J The request to modify resource access {0} was not successful.**

Explanation

The request to modify resource access {0} could not be completed because the resource identifier is reserved; neither the name nor the type may be modified for this resource access.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different resource identifier.

- **FQXHMSE0778J The requested resource access control operation was not successful.**

Explanation

The request could not be completed because a parameter was not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying all required fields and path parameters. If the problem persists, contact Support.

- **FQXHMSE0779J The resource access control settings could not be retrieved.**

Explanation

A required artifact may be missing in the repository or an error may have occurred while attempting to retrieve the data.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management server and attempt the operation again. If the problem persists, contact Support.

- **FQXHMSE0780J The request to update the resource access control settings could not be completed.**

Explanation

An internal error occurred while updating the repository.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, contact Support.

- **FQXHMSE0781J The request to update the resource access control settings could not be completed.**

Explanation

One or more of the specified role groups or a required artifact could not be found in the repository.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that all specified role groups exist on the system and attempt the operation again. If the problem persists, contact Support.

- **FQXHMSE0796I Resource Access Control was disabled by user [arg1] at IP address [arg2].**

Explanation

The Resource Access Control function was disabled. User authorization for managed systems will no longer be enforced based on configured Resource Access Control settings.

Arguments

[arg1] The ID of the user who changed the setting

[arg2] The IP address of the user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0797I Resource Access Control was enabled by user [arg1] at IP address [arg2].**

Explanation

The Resource Access Control function was enabled. User authorization for managed systems will be enforced based on configured Resource Access Control settings.

Arguments

[arg1] The ID of the user who changed the setting

[arg2] The IP address of the user who changed the setting

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0798I The following role groups were added to the list of default Resource Access Control role groups by user [arg1] at IP address [arg2]: [arg3].**

Explanation

One or more role groups were added to the list of default Resource Access Control role groups. Default Resource Access Control role groups are automatically associated with new managed systems.

Arguments

[arg1] The ID of the user who added the default role groups

[arg2] The IP address of the user who added the default role groups

[arg3] A list containing the names of the role groups that were added to the list of default Resource Access Control role groups

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0799I The following role groups were removed from the list of default Resource Access Control role groups by user [arg1] at IP address [arg2]: [arg3].**

Explanation

One or more role groups were removed from the list of default Resource Access Control role groups. Default Resource Access Control role groups are automatically associated with new managed systems.

Arguments

[arg1] The ID of the user who removed the default role groups

[arg2] The IP address of the user who removed the default role groups

[arg3] A list containing the names of the role groups that were removed from the list of default Resource Access Control role groups

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0800I Service provider metadata has been regenerated by [arg1].**

Explanation

The specified user has regenerated the service provider metadata

Arguments

[arg1] The user who regenerated the metadata

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0801I Identity provider metadata has been regenerated by [arg1].**

Explanation

The specified user has regenerated the identity provider metadata

Arguments

[arg1] The user who regenerated the metadata

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0802I SAML single sign on has been disabled by [arg1].**

Explanation

The specified user has disabled SAML single sign on

Arguments

[arg1] The user who disabled SAML single sign on

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0803I SAML single sign on has been enabled by [arg1].**

Explanation

The specified user has enabled SAML single sign on

Arguments

[arg1] The user who enabled SAML single sign on

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0810J The external login request was not successful.**

Explanation

The management server encountered an unexpected error.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Refer to identity provider logs to determine the error. If the problem persists, contact Support.

- **FQXHMSE0811J The external login request was not successful.**

Explanation

The identity provider could not provide a list of role group memberships.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Configure the identity provider to provide a list of role group memberships, and attempt the operation again.

- **FQXHMSE0812J The external logon request was not successful.**

Explanation

The specified user is not a member of any locally configured role groups.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Add the specified user to at least one locally configured role group, and attempt the operation again.

- **FQXHMSE0813J The external login request was not successful because the identity provider is not configured.**

Explanation

The identity provider is not configured. Import valid identity provider metadata.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- Refer to identity provider manual to obtain the metadata and import into server. Use recovery URL to log in and import metadata.
- If the metadata is signed, import the identity provider's signing certificate into the management server, and attempt the operation again.
- If the metadata is not signed, import the identity provider's metadata in the correct XML format, and attempt the operation again.

- **FQXHMSE0814J The external login request was not successful because the response issue time is not valid.**

Explanation

The response issue time was either too old or too new. The management server and identity provider clocks must be synchronized.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the identity provider and management server are both synchronized by a common NTP server

- **FQXHMSE0815J Regeneration of the service provider metadata was not successful.**

Explanation

If the management server was restarted, or its IP address has changed, the server certificate might need to be regenerated. This might happen automatically, if the server certificate has not been replaced.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Regenerate the server certificate, and attempt the operation again.

- **FQXHMSE0816J The identity provider metadata could not be validated.**

Explanation

Either the identity provider's signature could not be validated or the metadata was not formatted correctly.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

=

- If the metadata is signed, import the identity provider's signing certificate into the management server, and attempt the operation again.
- If the metadata is not signed, import the identity provider's metadata in the correct XML format, and attempt the operation again.

- **FQXHMSE0817J The request completed successfully.**

Explanation

The request completed successfully.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

The settings have been saved. Log out and log back in to the management server to begin using the new configuration.

- **FQXHMSE0818J The core service could not be restarted.**

Explanation

The command to restart the core service failed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management server from the "Shut Down Management Server" function in the Administration menu.

- **FQXHMSE0819J Retrieving certificate from endpoint {0} has failed**

Explanation

Retrieving certificate from endpoint {0} has failed: {1}

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again. If the problem persists, collect service data and contact Support.

- **FQXHMSE0900J The requested stored credentials operation was not successful.**

Explanation

The request could not be completed because a parameter was not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying all required fields and path parameters. If the problem persists, contact Support.

- **FQXHMSE0901J The requested stored credentials do not exist.**

Explanation

The request could not be completed because the stored credentials for the specified ID does not exist.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different stored credentials ID.

- **FQXHMSE0902J The stored credentials user name is not valid.**

Explanation

The requested stored credentials operation could not be completed because the user name was empty or it was not specified in the request.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid user name.

- **FQXHMSE0903J The stored credentials password is not valid.**

Explanation

The requested stored credentials operation could not be completed because the password was empty or it was not specified in the request.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid password.

- **FQXHMSE0904J The credentials could not be created and stored.**

Explanation

An internal server error occurred when attempting to save the specified credentials in the LXCA data store.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation. If the failure persists, collect service data and report the problem to customer support.

- **FQXHMSE0905J The credentials could not be updated.**

Explanation

An internal server error occurred when attempting to save the modified credentials in the LXCA data store.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation. If the failure persists, collect service data and report the problem to customer support.

- **FQXHMSE0906J The credentials were not removed because they are currently in use.**

Explanation

One or more managed endpoints are currently associated with these stored credentials. The credentials cannot be removed from the LXCA data store until all managed endpoint associations are removed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Choose different stored credentials for each of the managed endpoints that are currently using these credentials.

- **FQXHMSE0907J The credentials could not be removed.**

Explanation

An internal server error occurred when attempting to remove the credentials from the LXCA data store.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation. If the failure persists, collect service data and report the problem to customer support.

- **FQXHMSE0908J The stored credentials user name is not valid.**

Explanation

The requested stored credentials operation could not be completed because the specified user name does not meet maximum length requirements. The user name must be no longer than {0} characters.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid user name.

- **FQXHMSE0909J The stored credentials description is not valid.**

Explanation

The requested stored credentials operation could not be completed because the specified description does not meet maximum length requirements. The description must be no longer than {0} characters.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a valid description.

- **FQXHMSE0910I Stored credentials with ID [arg1] and the following user name and description were added by user [arg2] at IP address [arg3]: [arg4] - [arg5].**

Explanation

A new set of stored credentials were added to the system. Stored credentials consist of a user name and password. They can be used to perform operations on managed systems.

Arguments

[arg1] The unique ID of the new stored credentials

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

[arg4] The user name of the new stored credentials

[arg5] The description of the new stored credentials

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0910J Cannot update the username of these stored credentials because they are currently in use.**

Explanation

One or more managed endpoints are currently associated with these stored credentials. The credentials will not be updated in the LXCA data store until all the associations with the managed endpoints are removed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Choose different stored credentials for each of the managed endpoints that are currently using these credentials or do not attempt to modify the username.

- **FQXHMSE0911I Stored credentials with ID [arg1] and the following user name and description were removed by user [arg2] at IP address [arg3]: [arg4] - [arg5].**

Explanation

A set of stored credentials were removed from the system. Stored credentials consist of a user name and password. They can be used to perform operations on managed systems.

Arguments

[arg1] The unique ID of the stored credentials that were removed

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

[arg4] The user name of the stored credentials that were removed

[arg5] The description of the stored credentials that were removed

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0912I The user name of the stored credentials with ID [arg1] was changed to the following by user [arg2] at IP address [arg3]: [arg4] - [arg5].**

Explanation

The user name of an existing set of stored credentials was changed on the system. Stored credentials consist of a user name and password. They can be used to perform operations on managed systems.

Arguments

[arg1] The unique ID of the stored credentials that changed

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

[arg4] The new user name of the stored credentials that was set by the user

[arg5] The current description of the stored credentials

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0913I The description of the stored credentials with ID [arg1] was changed to the following by user [arg2] at IP address [arg3]: [arg4] - [arg5].**

Explanation

The description of an existing set of stored credentials was changed on the system. Stored credentials consist of a user name and password. They can be used to perform operations on managed systems.

Arguments

[arg1] The unique ID of the stored credentials that changed

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

[arg4] The current user name of the stored credentials

[arg5] The description of the stored credentials that was set by the user

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0914I The password of the stored credentials with ID [arg1] and the following user name and description was changed by user [arg2] at IP address [arg3]: [arg4] - [arg5].**

Explanation

The password of an existing set of stored credentials was changed on the system. Stored credentials consist of a user name and password. They can be used to perform operations on managed systems.

Arguments

[arg1] The unique ID of the stored credentials that changed

[arg2] The ID of user who changed the setting

[arg3] IP address of user who changed the setting

[arg4] The user name of the stored credentials

[arg5] The description of the stored credentials

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0915I Head of Stack feature not supported for firmware [arg1].**

Explanation

Head of Stack feature is not supported in this firmware.

Arguments

[arg1] firmware of chassis

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0915J The specified user name and password combination already exists.**

Explanation

The stored credentials could not be created or updated because the specified user name and password combination already exists in a separate set of stored credentials. User name and password combinations must be unique in the LXCA data store.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, specifying a different user name or password.

- **FQXHMSE0916I Head of Stack feature supported for firmware [arg1].**

Explanation

Head of Stack feature supported for this firmware.

Arguments

[arg1] firmware of chassis

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0917I [arg1] enabled encapsulation for all future managed devices.**

Explanation

The user has enabled encapsulation for all future managed devices via the Manage and Discover New Devices page.

Arguments

[arg1] userid

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0918I [arg1] disabled encapsulation for all future managed devices.**

Explanation

The user has disabled encapsulation state for all future managed devices via the Manage and Discover New Devices page.

Arguments

[arg1] userid

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0918J The specified SAN name({0}) is not valid for the specified type({1}).**

Explanation

The specified SAN name({0}) is not valid for the specified type({1}).

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Navigate to the help documentation for assistance in specifying a valid SAN name.

- **FQXHMSE0919I Custom role [arg1] was created by user [arg2] at IP address [arg3].**

Explanation

The custom role was created successfully.

Arguments

[arg1] Name of the custom role that was created

[arg2] User ID of the user who created the account

[arg3] IP address of the user who created the account

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0919J The specified SAN type {{0}} or name {{1}} is not valid.**

Explanation

The specified SAN type {{0}} or name {{1}} is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Navigate to the help documentation for assistance in specifying a valid SAN type and name.

- **FQXHMSE0920I Custom role [arg1] was modified by user [arg2] at IP address [arg3].**

Explanation

The custom role was modified successfully.

Arguments

[arg1] Name of the custom role that was modified

[arg2] User ID of the user who modified the account

[arg3] IP address of the user who modified the account

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0920J The Subject Alternative Names has duplicate fields.**

Explanation

There are duplicate entries of the same type in the Subject Alternative Names grid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the operation again, after removing the duplicate entries.

- **FQXHMSE0921I Custom role [arg1] was deleted by user [arg2] at IP address [arg3].**

Explanation

The custom role was deleted successfully.

Arguments

[arg1] Name of the custom role that was deleted

[arg2] User ID of the user who deleted account

[arg3] IP address of the user who deleted account

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0922F Old licensing system is obsolete. Please use new licensing system.**

Explanation

From version 2.7.0 xClarity Administrator uses new licensing system. The old system is obsolete.

Arguments

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

[{ "text" : [{ "text" : "Please contact your sales representative to acquire new license. If you think that the non-compliance assessment is incorrect, you may contact licensing support at ", "format" : [] }, { "text" : "Licensing support", "format" : ["link"], "link" : "https://fod.lenovo.com/lkms/angular/app/pages/index.htm" }] }

- **FQXHMSE0923F You are in TRIAL mode of the obsolete licensing system. Please use new licensing system.**

Explanation

From version 2.7.0 xClarity Administrator uses new licensing system. The old system is obsolete. You are in Trial mode of the obsolete licensing system.

Arguments**Severity**

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

[{ "text" : [{ "text" : "Please contact your sales representative to acquire new license. If you think that the non-compliance assessment is incorrect, you may contact licensing support at ", "format" : [] }, { "text" : "Licensing support", "format" : ["link"], "link" : "https://fod.lenovo.com/lkms/angular/app/pages/index.htm" }] }

- **FQXHMSE0924K The system is not compliant due to number of managed devices is higher than license permit.**

Explanation

The number of devices managed is higher than the number of devices that license permit.

Arguments**Severity**

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

[{ "text" : [{ "text" : "Please contact your sales representative to acquire new license. If you think that the non-compliance assessment is incorrect, you may contact licensing support at ", "format" : [] }, { "text" : "Licensing support", "format" : ["link"], "link" : "https://fod.lenovo.com/lkms/angular/app/pages/index.htm" }] }

- **FQXHMSE0925F The number of devices managed is over the limit of number of devices that license permit.**

Explanation

The number of devices managed is over the limit of number of devices that license permit.

Arguments**Severity**

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

[{ "text" : [{ "text" : "Please contact your sales representative to acquire new license. If you think that the non-compliance assessment is incorrect, you may contact licensing support at ", "format" : [] }, { "text" : "Licensing support", "format" : ["link"], "link" : "https://fod.lenovo.com/lkms/angular/app/pages/index.htm" }] }

- **FQXHMSE0926K Functions disabled due to license not compliant and 90 days of non-compliance expired.**

Explanation

The system is non-compliance for over 90 days. Please install new valid license.

Arguments

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

[{ "text" : [{ "text" : "Please contact your sales representative to acquire new license. If you think that the non-compliance assessment is incorrect, you may contact licensing support at ", "format" : [] }, { "text" : "Licensing support", "format" : ["link"], "link" : "https://fod.lenovo.com/lkms/angular/app/pages/index.htm" }] }

- **FQXHMSE0927F You have [arg1] days remaining to make your system compliant.**

Explanation

There are couple of days remaining to make the system complaint. Otherwise functions will be disabled.

Arguments

[arg1] Number of days remained to make system compliant.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

[{ "text" : [{ "text" : "Please contact your sales representative to acquire new license. If you think that the non-compliance assessment is incorrect, you may contact licensing support at ", "format" : [] }, { "text" : "Licensing support", "format" : ["link"], "link" : "https://fod.lenovo.com/lkms/angular/app/pages/index.htm" }] }

- **FQXHMSE0928F License will expire soon. Check licenses.**

Explanation

You have at least one license which will expires in less days that warning limit was reached. Check licenses.

Arguments

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

[{ "text" : [{ "text" : "Please contact your sales representative to acquire new license. If you think that the non-compliance assessment is incorrect, you may contact licensing support at ", "format" : [] }, { "text" : "Licensing support", "format" : ["link"], "link" : "https://fod.lenovo.com/lkms/angular/app/pages/index.htm" }] }

- **FQXHMSE0929I The SSO login was successful for server [arg1].**

Explanation

The specified server was logged in thru SSO.

Arguments

[arg1] IP address of server

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0930I The SSO login failed for server [arg1].**

Explanation

The specified server was not able to log in thru SSO.

Arguments

[arg1] IP address of server

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0931I Functions enabled after system became compliant.**

Explanation

Functions were enabled after system became license compliant.

Arguments**Severity**

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0932I New license was added to the system by [arg1]**

Explanation

New license was added to the system.

Arguments

[arg1] User

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0933I License was removed from system by [arg1]**

Explanation

License was removed from system.

Arguments**Severity**

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0934I Single Sign On for servers was enabled by [arg1]**

Explanation

Single Sign On for servers was enabled.

Arguments

[arg1] User

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0935I Single Sign On for servers was disabled by [arg1]**

Explanation

Single Sign On for servers was disabled.

Arguments

[arg1] User

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0936I A new CyberArk certificate was generated by user ID [arg1] at IP address [arg2].**

Explanation

The specified user has generated a new CyberArk certificate.

Arguments

[arg1] User ID of user who generated the request

[arg2] IP address of user who generated the request

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSE0937I A new Single Sign On certificate was generated by user ID [arg1] at IP address [arg2].**

Explanation

The specified user has generated a new Single Sign On certificate.

Arguments

[arg1] User ID of user who generated the request

[arg2] IP address of user who generated the request

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSPO0001I The job [arg1] that was requested by user [arg2] to retrieve the chassis switch ports on device [arg3] was successful.[arg4]**

Explanation

The chassis switch ports request operation was successful.

Arguments

[arg1] jobUID

[arg2] user

[arg3] UUID of Target

[arg4] JSON Data

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

None

- **FQXHMSPO0002J The job [arg1] requested by user [arg2] to retrieve the chassis switch ports on device [arg3] failed .**

Explanation

The chassis switch ports request operation could not be completed.

Arguments

[arg1] jobUID

[arg2] user

[arg3] UUID of Target

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Resolve the connectivity issue from the server dashboard.

- **FQXHMSS0001I All Service Data files have been downloaded by user [arg1] at IP address [arg2].**

Explanation

A file containing all Service Data files has been transferred to the user's workstation.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS0002J The download of Service Data files was not successful by user [arg1] at IP address [arg2].**

Explanation

A file containing all Service Data files has not been transferred to the user's workstation.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check your connectivity to the management server, and then retry the task.

- **FQXHMSS0003I Service Data file [arg1] was downloaded by user [arg2] at IP address [arg3].**

Explanation

The referenced Service Data file has been transferred to the user's workstation.

Arguments

[arg1] Name of Service Data file that was downloaded.

[arg2] The user that made the request.

[arg3] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS0004J The download of Service Data file [arg1] was not successful by user [arg2] at IP address [arg3].**

Explanation

The referenced Service Data file was not transferred to the user's workstation.

Arguments

[arg1] Name of Service Data file that was desired.

[arg2] The user that made the request.

[arg3] IP address of the user.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check your connectivity to the management server, and then retry the task.

- **FQXHMSS1001I The log level of logger [arg1] has been changed from [arg2] to [arg3] by user [arg4] at IP address [arg5].**

Explanation

The referenced logger will now be running at the new log level.

Arguments

[arg1] Name of logger.

[arg2] Old log level.

[arg3] New log level.

[arg4] The user that made the request.

[arg5] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1002J** The request from user [arg1], at IP address [arg2], to change the log level of logger [arg3] from [arg4] to [arg5] was not successful.

Explanation

The request to change the log level was not successful. Therefore, the previously set log level will continue to be active.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] Name of logger.

[arg4] Old log level.

[arg5] Desired new log level.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check your connectivity to the management server, and then retry the operation.

- **FQXHMSS1003I** The log size of logger [arg1] has been changed from [arg2] to [arg3] by user [arg4] at IP address [arg5].

Explanation

The referenced logger will now be running at the new log size.

Arguments

[arg1] Name of logger.

[arg2] Old log size.

[arg3] New log size.

[arg4] The user that made the request.

[arg5] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1004J** The request from user [arg1], at IP address [arg2], to change the log size of logger [arg3] from [arg4] to [arg5] was not successful.

Explanation

The request to change the log size was not successful. Therefore, the previously set log size will continue to be active.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] Name of logger.

[arg4] Old log size.

[arg5] Desired new log size.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check your connectivity to the management server, and then retry the operation

- **FQXHMSS1005I** The number of Service Data files to keep has been changed by user [arg1], at IP address [arg2], from [arg3] to [arg4].

Explanation

The new number of Service Data files to keep is now active.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] Old number of Service Data files to keep.

[arg4] New number of Service Data files to keep.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1006J** The request from user [arg1], at IP address [arg2], to change the number of Service Data files to keep from [arg3] to [arg4] was not successful.

Explanation

The request to change the number of Service Data files to keep was not successful. Therefore, the previously set value will continue to be active.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] Old number of Service Data files to keep.

[arg4] New number of Service Data files to keep.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check your connectivity to the management server, and then retry the operation

- **FQXHMS1007I The request from user [arg1], at IP address [arg2], to change the suppression time from [arg3] to [arg4] was successful.**

Explanation

The new suppression time is now set.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] Old suppression time.

[arg4] New suppression time.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMS1008J The request from user [arg1], at IP address [arg2], to change the suppression time from [arg3] to [arg4] was not successful.**

Explanation

The request to change the suppression time was not successful. Therefore, the previously set value will continue to be active.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] Old suppression time.

[arg4] Desired suppression time.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check your connectivity to the management server, and then retry the operation

- **FQXHMSS1009I The number of informational Service Data files to keep has been changed by user *[arg1]*, at IP address *[arg2]*, from *[arg3]* to *[arg4]*.**

Explanation

The new number of Service Data files to keep is now active.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] Old number of informational Service Data files to keep.

[arg4] New number of informational Service Data files to keep.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1010J The request from user *[arg1]*, at IP address *[arg2]*, to change the number of informational Service Data files to keep from *[arg3]* to *[arg4]* was not successful.**

Explanation

The request to change the number of informational Service Data files to keep was not successful. Therefore, the previously set value will continue to be active.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] Old number of informational Service Data files to keep.

[arg4] New number of informational Service Data files to keep.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check your connectivity to the management server, and then retry the operation

- **FQXHMSS1011I A Service Data file with the type [arg1] and dump configuration ID [arg2] was collected on the server.**

Explanation

A new Service Data file is now available to be sent to Support.

Arguments

[arg1] The type of the dumped archive.

[arg2] The configuration ID.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1012I A Service Data file with the type [arg1] and a custom configuration was collected on the server.**

Explanation

A new Service Data file is now available to be sent to Support.

Arguments

[arg1] The type of the dumped archive.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1013J A request to collect a Service Data file on the server was not successful.**

Explanation

The Service Data file could not be collected on the server.

Arguments**Severity**

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Try the request again. If the problem persists, contact Support.

- **FQXHMSS1014I The dumped archives have been cleared from the server by user [arg1] at IP address [arg2].**

Explanation

The dumped service and support archives on the server have been cleared.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1015J An internal server error occurred during the deletion of the dumped service and support archives on the server, which was requested by user [arg1] at IP address [arg2].**

Explanation

The dumped service and support archives on the server have been cleared.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Try the request again. If the problem persists, contact Support.

- **FQXHMSS1016I The request from user [arg1] at IP address [arg2] to change the number of logs archives for appender [arg3] to [arg4] was successful.**

Explanation

The new number of archives to save was set.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] The appender.

[arg4] New archive number.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1017J The request from user [arg1] at IP address [arg2] to change the number of logs archives for appender [arg3] to [arg4] has failed.**

Explanation

The new number of archives to save wasn't set.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] The appender.

[arg4] New archive number.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Check that the number inserted is positive and non zero.

- **FQXHMSS1018I The request from user [arg1] at IP address [arg2] to restore the log settings to the default values was successful.**

Explanation

The log settings have been successfully restored to the default values.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1019J The request from user [arg1] at IP address [arg2] to restore the log settings to the default values was not successful.**

Explanation

The default logging settings were not set.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Try this request again. If the problem persists, contact Support.

- **FQXHMSS1020I The generation of Service Data archive for user [arg1] at IP address [arg2] finished successfully.**

Explanation

A file containing Service Data files finished generating successfully.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1021J The generation of Service Data archive for user [arg1] at IP address [arg2] finished unsuccessfully.**

Explanation

A file containing Service Data files finished generating unsuccessfully.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Try again, and in case of multiple failures, contact System and Support.

- **FQXHMSS1022I User *[arg1]* at IP address *[arg2]* initiated the generation of a Service Data file.**

Explanation

A file containing Service Data files is being generated.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1023J The request by user *[arg1]* at IP address *[arg2]* to generate a Service Data file was not successful, due to a previous request still in process**

Explanation

A previous request to generate a Service Data file was still in process. Therefore a new request could not be started.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait for the previous request to complete, then retry the operation.

- **FQXHMSS1024J The request by user [arg1] at IP address [arg2] to upload a file was not successful, because the file name was not valid.**

Explanation

There are only specific file names that are valid to upload. This function should only be performed at the direction of the Service team, using files provided by them.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check to make sure the file name matches what was provided by the Service team, then try again.

- **FQXHMSS1025J The request by user [arg1] at IP address [arg2] to upload a file was not successful, because the file could not be written to disk.**

Explanation

The file could not be written to disk due to a permissions, connectivity or file system issue.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check to make sure the user was running as a supervisor level, and that there are no connectivity issues. Then retry the operation.

- **FQXHMSS1026J The request by user [arg1] at IP address [arg2] to upload a file was not successful, because a temp file could not be deleted.**

Explanation

A new file cannot be uploaded if the temp version of it cannot be deleted.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check to make sure the user was running as a supervisor level, and that there are no connectivity issues. Then retry the operation.

- **FQXHMS1027J The request by user [arg1] at IP address [arg2] to upload a file was not successful, because the file format was not valid.**

Explanation

Only specific file types and formats can be uploaded. The specified file did not match a supported format.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the file that was received from the Service team has not been modified. Retry the upload of the file received from the Service team.

- **FQXHMS1028I The request by user [arg1] at IP address [arg2] to upload a file was successful.**

Explanation

The configuration of the management server has been modified due to the new configuration file that was uploaded.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1029I The request by user [arg1] at IP address [arg2] to change the Call Home configuration was successful.**

Explanation

The user changed the current Call Home configuration.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1030I The configuration for Call Home was successfully saved. Forwarder {0} was created and forwarder {1} was updated with this configuration.**

Explanation

The configuration for Call Home was successfully saved. Forwarder {0} was created and forwarder {1} was updated with this configuration.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1030J The request by user [arg1] at IP address [arg2] to change the Call Home configuration was unsuccessful.**

Explanation

The user tried to change the current Call Home configuration.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify the required fields and try again.

- **FQXHMSS1031I User [arg1] at IP address [arg2] enabled Call Home.**

Explanation

The user enabled Call Home.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1032I The configuration for Call Home was successfully saved. Forwarder {0} was created but forwarder {1} failed to be created with this configuration.**

Explanation

The configuration for Call Home was successfully saved. Forwarder {0} was created but forwarder {1} failed to be created with this configuration.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1032J User [arg1] at IP address [arg2] tried to enable Call Home but the operation was unsuccessful.**

Explanation

The user tried to enable Call Home.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the configuration is valid.

- **FQXHMSS1033I User [arg1] at IP address [arg2] disabled Call Home.**

Explanation

The user disabled Call Home.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1034I The configuration for Call Home was successfully saved. Forwarders {0} and {1} were created with this configuration.**

Explanation

The configuration for Call Home was successfully saved. Forwarders {0} and {1} were created with this configuration.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1034J User [arg1] at IP address [arg2] tried to disable Call Home but the operation was unsuccessful.**

Explanation

The user tried to disable Call Home.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the configuration is valid.

- **FQXHMSS1035I User [arg1] at IP address [arg2] reset the Call Home configuration.**

Explanation

The user reset the Call Home configuration.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1036J User [arg1] at IP address [arg2] tried to reset the Call Home configuration, but the operation was unsuccessful.**

Explanation

The user tried to reset Call Home.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please retry and if the failure persists, please contact Service.

- **FQXHMSS1043J An internal server error occurred while saving the Call Home configuration.**

Explanation

An error occurred in the server while saving the configuration.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please retry or contact support.

- **FQXHMSS1044J Another test is ongoing.**

Explanation

Another user is running a Call Home test.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please retry later.

- **FQXHMSS1045J The request to upload the configuration file was not successful because the file contains an attempt to change the level for a restricted logger.**

Explanation

The log level could not be changed because that logger is restricted.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the file that was received from the Service team has been correctly modified. Make sure that the levels of the loggers that were specified to be changed were not previously set to OFF or ERROR.

- **FQXHMSS1046J The request to change the log level from {0} to {1} for the restricted logger {2} is not allowed.**

Explanation

The log level could not be changed because that logger is restricted.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

The logger that you selected is restricted. Please select another logger and try again.

- **FQXHMSS1048I The request by user [arg1] at IP address [arg2] to save the contact information for Call Home on endpoint with UUID [arg3] was successful.**

Explanation

The user saved the contact information for Call Home on a specific chassis.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] The chassis UUID.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1048J The contact information for Call Home of chassis with UUID {0} was not saved.**

Explanation

One or more fields did not include valid data.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the required fields have valid data entered, and then retry.

- **FQXHMSS1049I The request by user *[arg1]* at IP address *[arg2]* to update the contact information for Call Home on endpoint with UUID *[arg3]* was successful.**

Explanation

The user updated the contact information for Call Home on a specific chassis.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] The chassis UUID.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1049J The contact information for Call Home of chassis with UUID {0} cannot be changed or retrieved.**

Explanation

The device hardware does not support setting or retrieving call home contact information.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that you only try to change or retrieve contact information on supported hardware.

- **FQXHMSS1050I The request by user [arg1] at IP address [arg2] to clear the contact information for Call Home on endpoint with UUID [arg3] was successful.**

Explanation

The user cleared the contact information for Call Home on a specific chassis.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] The chassis UUID.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1051I User [arg1] at IP address [arg2] enabled the tracing mechanism.**

Explanation

The user enabled the tracing mechanism on the server.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1051J The operation to reset the contact information on chassis with UUID {0} for Call Home was unsuccessful.**

Explanation

The contact information was not found for the specified chassis.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please refresh your page information.

- **FQXHMSS1052I User [arg1] at IP address [arg2] disabled the tracing mechanism.**

Explanation

The user disabled the tracing mechanism on the server.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1053I User [arg1] at IP address [arg2] enabled the auto dumping mechanism.**

Explanation

The user enabled the auto dumping mechanism on the server.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1054I User [arg1] at IP address [arg2] disabled the auto dumping mechanism.**

Explanation

The user disabled the auto dumping mechanism on the server.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1055I The Call Home test finished successfully.**

Explanation

The Call Home test finished successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1055J The request from user *[arg1]*, at IP address *[arg2]*, to change the log level for the restricted logger *[arg3]* from *[arg4]* to *[arg5]* was not successful.**

Explanation

The request to change the log level was not successful. Therefore, the previously set log level will continue to be active.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] Name of logger.

[arg4] Old log level.

[arg5] Desired new log level.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

The logger you have selected previously is restricted. Please select another logger and try again.

- **FQXHMSS1056J The Call Home test finished unsuccessfully. There is no managed endpoint available for doing the test.**

Explanation

The Call Home test finished with errors. Please manage a endpoint before doing the test.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS1057I The Call Home test is pending.**

Explanation

The Call Home test is pending.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1058J The Call Home test finished unsuccessfully. There was an error.**

Explanation

The Call Home failed to submit the test report.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please confirm that the information is correct and that there is a live connection to the internet.

- **FQXHMSS1059J The Call Home test finished unsuccessfully. There was a problem on submitting the test report.**

Explanation

The Call Home test finished with errors. Please manage a endpoint before doing the test.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please confirm that the information is correct and that there is a live connection to the internet.

- **FQXHMSS1060I The Service Data archive has been successfully collected from endpoint {0}.**

Explanation

The Service Data archive has been successfully collected from endpoint {0}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1060J The Call Home test was unsuccessful.**

Explanation

The Call Home test was unsuccessful.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify the information and try again.

- **FQXHMSS1061I Call Home can be enabled. The configuration is correct.**

Explanation

Call Home can be enabled. The configuration is correct.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1061J Collecting the Service Data archive from endpoint {0} has failed.**

Explanation

There was a problem while downloading the Service Data archive.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please be sure that the specified endpoint is still managed.

- **FQXHMSS1062I User {0} from IP Address {1} has requested to download Service Data from endpoint {2}.**

Explanation

User {0} from IP Address {1} has requested to download Service Data from endpoint {2}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1062J There is a Call Home test in progress.**

Explanation

Call Home cannot be enabled while a test is in progress.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please retry later when there is no test in progress.

- **FQXHMSS1063J Call Home cannot be enabled due to configuration values that are not valid.**

Explanation

The current configuration is not correct.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please insert a valid configuration.

- **FQXHMSS1064I The specified tickets have successfully been deleted.**

Explanation

The specified tickets have successfully been deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1064J The required archive is not available.**

Explanation

The required archive might have been erased.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please retry to download the archive.

- **FQXHMSS1065J Some of the specified tickets could not be deleted.**

Explanation

Some of the specified tickets do not exist any more.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please reload the page.

- **FQXHMSS1066I The list of tickets have been deleted successfully.**

Explanation

The list of tickets have been deleted successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1066J The specified Problem Number is no longer available.**

Explanation

The problem number is not in the server database.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please refresh your information.

- **FQXHMSS1067J The list of tickets could not be deleted because of a server error.**

Explanation

An error occurred on the server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please retry again.

- **FQXHMSS1068J Some of the tickets could not be deleted because of a server error.**

Explanation

An error occurred on the server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please retry again.

- **FQXHMSS1069J Changing the state of the auto dump mechanism was unsuccessful.**

Explanation

An error occurred on the server while doing the change.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please retry again.

- **FQXHMSS1070J Changing the state of the file tracing mechanism was unsuccessful.**

Explanation

An error occurred on the server while doing the change.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please retry again.

- **FQXHMSS1071J The inserted status {{0}} is not valid. It must be between {1} and {2}.**

Explanation

The status is outside the limits.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please insert a valid status.

- **FQXHMSS1072J A server error occurred while saving the values.**

Explanation

A server error occurred while saving the values on the server persistently.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please retry.

- **FQXHMSS1073I The server is updating ticket {0} state. Remaining updates {1} out of {2}.**

Explanation

The server is updating ticket {0} state. Remaining updates {1} out of {2}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1074I The server has successfully updated all the problem tickets.**

Explanation

The server has successfully updated all the problem tickets.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1075J An error occurred while updating the tickets states.**

Explanation

A server error occurred while retrieving the latest states of the requested tickets.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that you have a live connection to the internet and retry.

- **FQXHMSS1076J Another update task is ongoing.**

Explanation

Another user is running a Call Home Problem Number update task.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please retry later.

- **FQXHMSS1077I Initializing Problem Number Update task.**

Explanation

Initializing Problem Number Update task.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1078I The changes were made successfully.**

Explanation

The changes were made successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1079I The collection of the Service Data archive from endpoint {0} is ongoing.**

Explanation

The collection of the Service Data archive from endpoint {0} is ongoing.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1079J Unable to replace endpoint callhome contact info with default server callhome configuration.**

Explanation

The endpoint callhome configuration can only be deleted by replacing with default server callhome configuration.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS1080J An server error occurred while attaching the specified file to the problem number.**

Explanation

The server suffered some errors while attaching the file.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please retry the operation.

- **FQXHMSS1081I The file has been successfully added to the problem number attachment queue.**

Explanation

The file has been successfully added to the problem number attachment queue.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1082J Unsupported file format.**

Explanation

The accepted archive types are: tar.gz, tar.bz2, tgz, gz.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please attach a valid file.

- **FQXHMSS1083J Changing the state of the output aspect mechanism was unsuccessful.**

Explanation

An error occurred on the server while doing the change.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please try again.

- **FQXHMSS1084J Another task that is changing the endpoints Call Home state is ongoing.**

Explanation

Another user is running a this action.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please retry later.

- **FQXHMSS1085I The disable all managed endpoints Call Home state task is in pending.**

Explanation

The disable all managed endpoints Call Home state task is in pending.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1086I The enable all managed endpoints Call Home state task is in pending.**

Explanation

The enable all managed endpoints Call Home state task is in pending.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1087I The server has successfully disabled all Call Home states on all managed endpoints.**

Explanation

The server has successfully disabled all Call Home states on all managed endpoints.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1088I The server has successfully enabled all Call Home states on all managed endpoints.**

Explanation

The server has successfully enabled all Call Home states on all managed endpoints.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1089J The server has disabled the Call Home state on some of the managed endpoints. There are {0} endpoints on which the command failed.**

Explanation

Some of the managed endpoints failed to execute the command.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the endpoints Call Home details are set and that the images versions are compatible with the the management server server.

- **FQXHMSS1090J The server has enabled the Call Home state on some of the managed endpoints. There are {0} endpoints on which the command failed.**

Explanation

Some of the managed endpoints failed to execute the command.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the endpoints Call Home details are set and that the images versions are compatible with the the management server server.

- **FQXHMSS1091J The server failed to change the Call Home state on all the managed endpoints.**

Explanation

There were issues while changing the Call Home state on all the managed endpoints

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the endpoints Call Home details are set and that the images versions are compatible with the the management server server.

- **FQXHMSS1092I Enabling Call Home state on the managed endpoints. Successfully changed state on {0} endpoints and failed on {1}.**

Explanation

Enabling Call Home state on the managed endpoints. Successfully changed state on {0} endpoints and failed on {1}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1093I Disabling Call Home state on the managed endpoints. Successfully changed state on {0} endpoints and failed on {1}.**

Explanation

Disabling Call Home state on the managed endpoints. Successfully changed state on {0} endpoints and failed on {1}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1094I There are no tickets that can be refreshed.**

Explanation

The tickets are in one of the following states and cannot be refreshed: Canceled, Resolved, Closed, Cancelled or Rejected.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1095J The management server failed to parse the uploaded file.**

Explanation

The management server failed to parse the uploaded file.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS1110J A server error occurred.**

Explanation

An internal server error occurred.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please retry.

- **FQXHMSS1111J The Call Home endpoint call switched in error state.**

Explanation

The Call Home call is in error state. Unknown reason.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the action or contact service support.

- **FQXHMSS1112J Creating a Problem number failed.**

Explanation

The Call Home endpoint call failed to create a problem number ticket.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the Call Home contact data is correct.

- **FQXHMSS1113J Collecting the Service Data archive from component {0} failed.**

Explanation

The Call Home endpoint call failed to collect the Service Data archive.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the component is still managed and that the connection is live.

- **FQXHMSS1114J Uploading the collected Service Data from component {0} to the opened PMR ({1}) failed.**

Explanation

The Call Home endpoint call failed upload the collected Service Data archive to the opened PMR.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the Call Home contact data is correct and contact service support if the problem persists.

- **FQXHMSS1115I The Call Home is enabled by the primary CMM. The Call Home is done via the primary CMM.**

Explanation

This is the status of the endpoint's Call Home function. It does not affect whether the management server will do Call Home for the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1116I The Call Home is disabled by the primary CMM.**

Explanation

This is the status of the endpoint's Call Home function. It does not affect whether the management server will do Call Home for the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1117I The Call Home State is unknown for this component.**

Explanation

There is a protocol problem between the server and the primary CMM. This is the status of the endpoint's Call Home function. It does not affect whether the management server will do Call Home for the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1118I The Call Home State is unavailable for this component.**

Explanation

There is a communication problem between the server and the primary CMM. This is the status of the endpoint's Call Home function. It does not affect whether the management server will do Call Home for the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1119I The Call Home is enabled on this server.**

Explanation

This is the status of the endpoint's Call Home function. It does not affect whether the management server will do Call Home for the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1120I The Call Home is disabled on this server.**

Explanation

This is the status of the endpoint's Call Home function. It does not affect whether the management server will do Call Home for the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1121I The Call Home State is unknown for this server.**

Explanation

There is a protocol problem between the server and the component. This is the status of the endpoint's Call Home function. It does not affect whether the management server will do Call Home for the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1123I The Call Home endpoint test call is in pending.**

Explanation

Other Call Home calls are in progress.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1124I The Call Home endpoint call is in pending.**

Explanation

Other Call Home calls are in progress.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1125I The Call Home endpoint test call is running.**

Explanation

The Call Home endpoint test call is running.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1126I The Call Home endpoint call is running.**

Explanation

The Call Home endpoint call is running.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1127I Generate Problem Number.**

Explanation

Generate Problem Number.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1128I Collect Endpoint Service Data Archive.**

Explanation

Collect Endpoint Service Data Archive.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1129I Upload Service Data Archive to Generated Problem Number.**

Explanation

Upload Service Data Archive to Generated Problem Number.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1130J Call Home is not enabled.**

Explanation

Can not do this action unless Call Home is enabled.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please configure and enable Call Home.

- **FQXHMSS1131I The Call Home test call for endpoint {0} ended successfully. The associated problem ticked number is {1}.**

Explanation

The Call Home test call for endpoint {0} ended successfully. The associated problem ticked number is {1}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1132I The Call Home call for endpoint {0} ended successfully. The associated problem ticked number is {1}.**

Explanation

The Call Home call for endpoint {0} ended successfully. The associated problem ticked number is {1}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1214I Generated test event for {0} successfully.**

Explanation

Generated test event for {0} successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1215J Cannot generate test event for {0} because the forwarder is disabled.**

Explanation

Cannot generate test event for {0} because the forwarder is disabled.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMS1216J Cannot generate test event for {0} because this type of forwarder requires a managed endpoint.**

Explanation

Cannot generate test event for {0} because this type of forwarder requires a managed endpoint.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMS1219I The configuration for Call Home was successfully saved. Forwarder {0} was updated with this configuration successfully.**

Explanation

Call Home configuration updated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMS1220I Not Set**

Explanation

The Default IBM Call Home Forwarder is not set. To create it please apply a valid Call Home Configuration and the forwarder will be created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMS1221I Disabled**

Explanation

The Default IBM Call Home Forwarder is set, but not enabled.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXHMSS1222I Enabled**

Explanation
The Default IBM Call Home Forwarder is set and enabled.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXHMSS1223J The selected Problem Record is no longer available.**

Explanation
The Problem Record is no longer in the server. Somebody must have deleted it.

Severity
Warning

Serviceable with log
No

Automatically Notify Support
No

User Action
Please refresh the user interface.

- **FQXHMSS1226I The Call Home State is loading for this component.**

Explanation
The Call Home Status is loading for this component. It does not affect whether the management server will do Call Home for the endpoint.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXHMSS1227I The Call Home State is loading for this server.**

Explanation

The Call Home Status is loading for this server. It does not affect whether the management server will do Call Home for the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1229I Not Set**

Explanation

The Default Lenovo Call Home Forwarder is not set. To create it please apply a valid Call Home Configuration and the forwarder will be created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1229J There is another Call Home state change task on going.**

Explanation

Another user is running a Call Home state change task.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please retry later.

- **FQXHMSS123J There are no managed endpoints that support the Call Home function. They do not have the function implemented.**

Explanation

This does not affect the Call Home function of the management server. The server will continue to do Call Home for the managed endpoints if configured to do so.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS1243J Problem record {0} has not been deleted because the state is {1}.**

Explanation

The problem record state must be 'Closed', 'Cancelled' or 'Error' to be deleted.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS1244I Disabled**

Explanation

The Default Lenovo Call Home Forwarder is set, but not enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1244J Ticket {0} has not been deleted because it is no longer available.**

Explanation

The ticket was deleted by another user.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS1245I Enabled**

Explanation

The Default Lenovo Call Home Forwarder is set and enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1245J None of the tickets were deleted.**

Explanation

The tickets were not deleted because their states are not valid to be removed or they do not exist any longer on the server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS1246H Some of the tickets were not deleted.**

Explanation

Some of the tickets were not deleted because their states are not valid to be removed or they do not exist any longer on the server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS1246I The configuration for Call Home was successfully saved. Forwarders {0} and {1} were updated with this configuration successfully.**

Explanation

The configuration for Call Home was successfully saved. Forwarders {0} and {1} were updated with this configuration successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1246J Request to create forwarder has failed.**

Explanation

The maximum number of forwarders that can be created is 50.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS1247I The Call Home is enabled on this switch.**

Explanation

This is the status of the endpoint's Call Home function. It does not affect whether the management server will do Call Home for the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1248I The Call Home is disabled on this switch.**

Explanation

This is the status of the endpoint's Call Home function. It does not affect whether the management server will do Call Home for the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1249I The Call Home State is unknown for this switch.**

Explanation

There is a protocol problem between the server and the component. This is the status of the endpoint's Call Home function. It does not affect whether the management server will do Call Home for the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1250I The Call Home State is unavailable for this switch.**

Explanation

There is a communication problem between the server and the component. This is the status of the endpoint's Call Home function. It does not affect whether the management server will do Call Home for the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1251I The Call Home State is loading for this switch.**

Explanation

The Call Home Status is loading for this switch. It does not affect whether the management server will do Call Home for the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1252I The Call Home is enabled on this storage.**

Explanation

This is the status of the endpoint's Call Home function. It does not affect whether the management server will do Call Home for the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1253I The Call Home is disabled on this storage.**

Explanation

This is the status of the endpoint's Call Home function. It does not affect whether the management server will do Call Home for the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1254I The Call Home State is unknown for this storage.**

Explanation

There is a protocol problem between the server and the component. This is the status of the endpoint's Call Home function. It does not affect whether the management server will do Call Home for the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMS1255I The Call Home State is unavailable for this storage.**

Explanation

There is a communication problem between the server and the component. This is the status of the endpoint's Call Home function. It does not affect whether the management server will do Call Home for the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMS1256I The Call Home State is loading for this storage.**

Explanation

The Call Home Status is loading for this storage. It does not affect whether the management server will do Call Home for the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMS1260I Not Set**

Explanation

The Lenovo Upload Facility is not set. To create it please apply a valid Lenovo Upload Facility Configuration and the forwarder will be created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1261I Disabled**

Explanation

The Lenovo Upload Facility Forwarder is set, but not enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1262I Enabled**

Explanation

The Lenovo Upload Facility Forwarder is set and enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1263I Lenovo Upload Facility cannot be enabled due to configuration values that are not valid.**

Explanation

The current configuration is not correct.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1264I The configuration for Lenovo Upload Facility was successfully saved. Forwarder {0} was created with this configuration.**

Explanation

The configuration for Lenovo Upload Facility was successfully saved. Forwarder {0} was created with this configuration.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMS1265I The configuration for Lenovo Upload Facility was successfully updated and saved.**

Explanation

The configuration for Lenovo Upload Facility was successfully updated and saved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMS1266I The configuration for Lenovo Upload Facility was not saved.**

Explanation

One or more fields did not include valid data.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMS1267I The Lenovo Upload Facility function was not reset.**

Explanation

The management server encountered an issue while removing all Lenovo Upload Facility configuration information.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMS1268I The Lenovo Upload Facility function has been reset.**

Explanation

All Lenovo Upload Facility configuration information, including contact and location information has been cleared.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1269J The Lenovo Upload Facility is not set.**

Explanation

To create it please apply a valid Lenovo Upload Facility Configuration and then trr again.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS1270J Creating an archive with the selected archives and uploading it to Lenovo Upload Facility server failed.**

Explanation

There was an error while creating the upload job.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the Lenovo Upload Facility configuration is set and tha the data is valid. Please assure that there is a connection to the destination server.

- **FQXHMSS1274I Lenovo Warranty Database (World Wide)**

Explanation

This connection is used to retrieve warranty status from ibase.lenovo.com.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1275I Lenovo Warranty Web Service**

Explanation

This connection is used to retrieve warranty status from supportapi.lenovo.com.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMS1276I Lenovo Warranty Database (China only)**

Explanation

This connection is used to retrieve warranty status from service.lenovo.com.cn.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMS1277J The Lenovo Upload Facility configuration is not valid.**

Explanation

Some fields that are required by the Lenovo Upload Facility are not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Set a correct configuration for the Lenovo Upload Facility, and retry the test.

- **FQXHMS1278J The test was not successful.**

Explanation

The Lenovo Upload Facility test was not successful.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the required ports are not blocked by a firewall and that the DNS is set correctly.

- **FQXHMS1279I The test was successful.**

Explanation

The Lenovo Upload Facility test was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1282I Not Supported**

Explanation

Call Home and download service data are currently not supported for this device.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS1283I Ticket was opened by a user.**

Explanation

Ticket was opened by a user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2001I Event [arg1] generated on [arg2] has been added to the Service Data collecting process.**

Explanation

The Serviceable event was added to the processing queue in the server.

Arguments

[arg1] The Serviceable event code.

[arg2] The system on which the event was generated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2002M The management server was not able to find the appropriate system to collect the Service Data archive for event [arg1] generated on [arg2].**

Explanation

There was a problem in the management server while trying to find the appropriate system to collect the Service Data from.

Arguments

[arg1] The Serviceable event code.

[arg2] The system on which the event was generated.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please ensure there is still connectivity between the managed endpoint and the management server. Also please verify that the endpoint is still managed.

- **FQXHMSS2003M The management server encountered an error while trying to collect the Service Data archive for event [arg1] generated on [arg2].**

Explanation

There was a problem in the management server while trying to collect the Service Data.

Arguments

[arg1] The Serviceable event code.

[arg2] The system on which the event was generated.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please ensure there is still connectivity between the managed endpoint and the management server. Also please verify that the endpoint is still managed. If this issue persists, please contact the Service and Support centre.

- **FQXHMSS2004J The management server was not able to collect the Service Data archive for event [arg1] generated on [arg2].**

Explanation

The management server encountered a problem while trying to collect the Service Data.

Arguments

[arg1] The Serviceable event code.

[arg2] The system on which the event was generated.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please ensure there is still connectivity between the managed endpoint and the management server. If this issue persists, please contact the Service and Support.

- **FQXHMSS2005I The Service Data archive for event [arg1] from [arg2] has been collected successfully.**

Explanation

The Service Data for the event was collected successfully.

Arguments

[arg1] The Serviceable event code.

[arg2] The system on which the event was generated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2006I Call Home Service Forwarder [arg1] started creating the Ticket for event [arg2] generated on [arg3].**

Explanation

The Service Forwarder has started generating the Ticket for the Serviceable event.

Arguments

[arg1] The Service Forwarder name.

[arg2] The Serviceable event code.

[arg3] The system on which the event was generated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2007I Call Home Service Forwarder [arg1] created Ticket [arg2] for event [arg3] generated on [arg4].**

Explanation

The Service Forwarder has generated the Ticket for the Serviceable event.

Arguments

[arg1] The Service Forwarder name.

[arg2] The Problem Record.

[arg3] The Serviceable event code.

[arg4] The system on which the event was generated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2008J Call Home Service Forwarder [arg1] was not able to create Ticket for event [arg2] generated on [arg3]. The forwarder has no more retries left. The process for this event will be dropped.**

Explanation

The Service Forwarder was unable to generate the Ticket for the Serviceable event.

Arguments

[arg1] The Service Forwarder name.

[arg2] The Serviceable event code.

[arg3] The system on which the event was generated.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please confirm that you have an internet connection and that the contact data is valid. Also verify that your firewall isn't blocking the communication.

- **FQXHMSS2009I Call Home Service Forwarder [arg1] started uploading the collected Service Data to Ticket [arg2].**

Explanation

The Service Forwarder started uploading the Service Data to the generated Ticket for the Serviceable event.

Arguments

[arg1] The Service Forwarder name.

[arg2] The Problem Record.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2010I Call Home Service Forwarder [arg1] uploaded the Service Data to Ticket [arg2] successfully.**

Explanation

The Service Forwarder uploaded the Service Data to the generated Ticket for the Serviceable event.

Arguments

[arg1] The Service Forwarder name.

[arg2] The Problem Record.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2011J Call Home Service Forwarder [arg1] was not able to upload the Service Data to Ticket [arg2]. The entry has no more retries left. The process for this event will be dropped.**

Explanation

The Service Forwarder was unable to upload the Service Data to the generated Ticket for the Serviceable event.

Arguments

[arg1] The Service Forwarder name.

[arg2] The Problem Record.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please confirm that you have an internet connection and that the contact data is valid. Also verify that your firewall isn't blocking the communication.

- **FQXHMSS2012I SFTP Service Forwarder [arg1] started uploading the collected Service Data to [arg2]:[arg3].**

Explanation

The Service Forwarder started uploading the Service Data to the destination server.

Arguments

[arg1] The Service Forwarder name.

[arg2] The destination IP Address.

[arg3] The destination port number.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2013I SFTP Service Forwarder [arg1] uploaded the collected Service Data to [arg2]:[arg3] successfully.**

Explanation

The Service Forwarder uploaded the Service Data to the destination server.

Arguments

[arg1] The Service Forwarder name.

[arg2] The destination IP Address.

[arg3] The destination port number.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2014J SFTP Service Forwarder [arg1] was not able to upload the Service Data to Ticket to [arg2]:[arg3]. The number of retries left is [arg4].**

Explanation

The Service Forwarder was unable to upload the Service Data to the destination server.

Arguments

[arg1] The Service Forwarder name.

[arg2] The destination IP Address.

[arg3] The destination port number.

[arg4] The number of retries left for this Service Data.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication.

- **FQXHMSS2015M SFTP Service Forwarder [arg1] encountered an error while trying to upload the collected Service Data to [arg2]:[arg3].**

Explanation

The Service Forwarder encountered a problem while trying to upload the Service Data to the destination server.

Arguments

[arg1] The Service Forwarder name.

[arg2] The destination IP Address.

[arg3] The destination port number.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. If this problem persists please contact the Service and Support centre.

- **FQXHMSS2016I Service Forwarder [arg1] has been created by user [arg2] at IP address [arg3].**

Explanation

The Service Forwarder has been created.

Arguments

[arg1] The Service Forwarder name.

[arg2] The user that made the request.

[arg3] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2017I Service Forwarder [arg1] has been modified by user [arg2] at IP address [arg3].**

Explanation

The Service Forwarder has been edited.

Arguments

[arg1] The Service Forwarder name.

[arg2] The user that made the request.

[arg3] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2018I Service Forwarder [arg1] has been deleted by user [arg2] at IP address [arg3].**

Explanation

The Service Forwarder has been deleted.

Arguments

[arg1] The Service Forwarder name.

[arg2] The user that made the request.

[arg3] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2019I The management server started collecting the Service Data archive for event [arg1] generated on [arg2].**

Explanation

The management server started collecting the Service Data.

Arguments

[arg1] The Serviceable event code.

[arg2] The system on which the event was generated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2020I Service Forwarder [arg1] has added the collected Service Data archive for event [arg2] generated on [arg3] in the pending queue.**

Explanation

The Service Forwarder has added the collected Service Data archive in the pending queue of the forwarder, because the forwarder was set to postpone archives from being processed until a user accepts them.

Arguments

[arg1] The Service Forwarder name.

[arg2] The Serviceable event code.

[arg3] The system on which the event was generated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

The user is required to inspect the collected Service Data and accept it for being processed by the service forwarder.

- **FQXHMSS2021I User [arg1] at IP address [arg2] has accepted the Service Data archive for event [arg3] generated on [arg4] for being processed by the active service forwarders.**

Explanation

The user has accepted the collected Service Data to be processed by the active service forwarders.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] The Serviceable event code.

[arg4] The system on which the event was generated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2022I User *[arg1]* at IP address *[arg2]* has declined the Service Data archive for event *[arg3]* generated on *[arg4]* from being processed by the active service forwarders.**

Explanation

The user has declined the collected Service Data to be processed by the active service forwarders.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] The Serviceable event code.

[arg4] The system on which the event was generated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2023J Call Home Service Forwarder *[arg1]* was not able to upload the Service Data to Ticket *[arg2]*. The number of retries left is *[arg3]*.**

Explanation

The management server has failed to transfer the Service Data archive to the destination.

Arguments

[arg1] The Service Forwarder name.

[arg2] The Problem Record.

[arg3] The number of retries left for this Service Data.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please ensure that the management server has a connectivity to the destination. Please verify that the SFTP protocol is not blocked by your firewall.

- **FQXHMSS2024J Call Home Service Forwarder [arg1] was not able to create Ticket for event [arg2] generated on [arg3]. The number of retries left is [arg4].**

Explanation

The Service Forwarder was unable to generate the Problem Record for the Serviceable event.

Arguments

[arg1] The Service Forwarder name.

[arg2] The Serviceable event code.

[arg3] The system on which the event was generated.

[arg4] The number of retries left for this Service Data.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please ensure that the management server has a connectivity to the destination. Please verify that the SFTP protocol is not blocked by your firewall.

- **FQXHMSS2025J SFTP Service Forwarder [arg1] was not able to upload the Service Data to Ticket to [arg2]:[arg3]. The entry has no more retries left. The process for this event will be dropped.**

Explanation

The Service Forwarder was unable to upload the Service Data to the destination server.

Arguments

[arg1] The Service Forwarder name.

[arg2] The destination IP Address.

[arg3] The destination port number.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication.

- **FQXHMSS2026I User [arg1] at IP address [arg2] has successfully uploaded file [arg3] to Service Ticket [arg4].**

Explanation

The user has uploaded a file to a Service Ticket.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] The File name.

[arg4] The Service Problem Record's UID.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2027G User [arg1] at IP address [arg2] has tried to upload file '[arg3]' to Service Ticker [arg4] but the request failed.**

Explanation

The user has tried to upload a file to a Service Ticket, but the server was unable to upload it.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] The File name.

[arg4] The Service Problem Record's UID.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the Default Call Home Settings are set. Check if there is a connection to the outside and verify that the firewall is not blocking the communication.

- **FQXHMSS2028I The management server will skip creating a Ticket for event [arg1] generated on [arg2].**

Explanation

The management server already contains an active Ticket for the specified service event.

Arguments

[arg1] The Serviceable event code.

[arg2] The system on which the event was generated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2029J SFTP Service Forwarder [arg1] was not able to upload the Service Data to Ticket to [arg2]:[arg3] due to connectivity issues. The number of retries left is [arg4].**

Explanation

The Service Forwarder was unable to upload the Service Data to the destination server because it couldn't connect to it.

Arguments

[arg1] The Service Forwarder name.

[arg2] The destination IP Address.

[arg3] The destination port number.

[arg4] The number of retries left for this Service Data.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. Please verify that the hostname can be resolved by the DNS.

- **FQXHMSS2030J SFTP Service Forwarder [arg1] was not able to upload the Service Data to Ticket to [arg2]:[arg3] due to invalid credentials. The number of retries left is [arg4].**

Explanation

The Service Forwarder was unable to upload the Service Data to the destination server because it couldn't authenticate to it.

Arguments

[arg1] The Service Forwarder name.

[arg2] The destination IP Address.

[arg3] The destination port number.

[arg4] The number of retries left for this Service Data.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. Please verify that the credentials are valid.

- **FQXHMSS2031J SFTP Service Forwarder [arg1] was not able to upload the Service Data to Ticket to [arg2]:[arg3] due to some transfer errors. The number of retries left is [arg4].**

Explanation

The Service Forwarder was unable to upload the Service Data to the destination server because it couldn't transfer the file to it.

Arguments

[arg1] The Service Forwarder name.

[arg2] The destination IP Address.

[arg3] The destination port number.

[arg4] The number of retries left for this Service Data.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. Please verify that the destination folder rights permit the transfer and that the destination has sufficient disk space for the new file.

- **FQXHMSS2032J SFTP Service Forwarder [arg1] was not able to upload the Service Data to Ticket to [arg2]:[arg3] due to connectivity issues. The entry has no more retries left. The process for this event will be dropped.**

Explanation

The Service Forwarder was unable to upload the Service Data to the destination server because it couldn't connect to it.

Arguments

[arg1] The Service Forwarder name.

[arg2] The destination IP Address.

[arg3] The destination port number.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. Please verify that the hostname can be resolved by the DNS.

- **FQXHMSS2033J SFTP Service Forwarder [arg1] was not able to upload the Service Data to Ticket to [arg2]:[arg3] due to invalid credentials. The entry has no more retries left. The process for this event will be dropped.**

Explanation

The Service Forwarder was unable to upload the Service Data to the destination server because it couldn't authenticate to it.

Arguments

[arg1] The Service Forwarder name.

[arg2] The destination IP Address.

[arg3] The destination port number.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. Please verify that the credentials are valid.

- **FQXHMSS2034J SFTP Service Forwarder [arg1] was not able to upload the Service Data to Ticket to [arg2]:[arg3] due to some transfer errors. The entry has no more retries left. The process for this event will be dropped.**

Explanation

The Service Forwarder was unable to upload the Service Data to the destination server because it could not transfer the file to it.

Arguments

[arg1] The Service Forwarder name.

[arg2] The destination IP Address.

[arg3] The destination port number.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. Please verify that the destination folder rights permit the transfer and that the destination has sufficient disk space for the new file.

- **FQXHMSS2035I User [arg1] at IP Address [arg2] started the Call Home connectivity test.**

Explanation

The user started the Call Home connectivity test.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2036I The Call Home connectivity test started by user [arg1] at IP Address [arg2] ended successfully.**

Explanation

The Call Home connectivity test ended successfully.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2037J The Call Home connectivity test started by user [arg1] at IP Address [arg2] failed.**

Explanation

The Call Home connectivity test ended unsuccessfully.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the Call Home contact information is set correctly. Please verify that the management server has connectivity to the Internet. Be sure that the management server has a valid DNS server set that is reachable.

- **FQXHMSS2038I Lenovo Upload Facility Service Forwarder [arg1] started uploading the collected Service Data to [arg2]**

Explanation

The Service Forwarder started uploading the Service Data to the destination server.

Arguments

[arg1] The Service Forwarder name.

[arg2] The destination upload URL.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2039I Lenovo Upload Facility Service Forwarder [arg1] uploaded the collected Service Data to [arg2]**

Explanation

The Service Forwarder uploaded the Service Data to the destination server.

Arguments

[arg1] The Service Forwarder name.

[arg2] The destination upload URL.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2040J Lenovo Upload Facility Service Forwarder [arg1] was not able to upload the Service Data to ticket to [arg2] due to connectivity issues. The entry has no more retries left. The process for this event will be dropped.**

Explanation

The Service Forwarder was unable to upload the Service Data to the destination server because it couldn't connect to it.

Arguments

[arg1] The Service Forwarder name.

[arg2] The destination upload URL.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. Please verify that the hostname can be resolved by the DNS.

- **FQXHMSS2041J Lenovo Upload Facility Service Forwarder [arg1] was not able to upload the Service Data to ticket to [arg2] due to connectivity issues. The number of retries left is [arg3]**

Explanation

The Service Forwarder was unable to upload the Service Data to the destination server because it couldn't connect to it.

Arguments

[arg1] The Service Forwarder name.

[arg2] The destination upload URL.

[arg3] The number of retries left for this Service Data.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. Please verify that the hostname can be resolved by the DNS.

- **FQXHMSS2042M Lenovo Upload Facility Service Forwarder [arg1] encountered an error while trying to upload the collected Service Data to [arg2]:[arg3].**

Explanation

The Service Forwarder encountered a problem while trying to upload the Service Data to the destination server.

Arguments

[arg1] The Service Forwarder name.

[arg2] The destination upload URL.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. If this problem persists please contact the Service and Support centre.

- **FQXHMSS2043I The request by user [arg1] at IP address [arg2] to save the Lenovo Upload Facility configuration was successful.**

Explanation

The user set a new Lenovo Upload Facility configuration.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2044I The request by user [arg1] at IP address [arg2] to change the Lenovo Upload Facility configuration was successful.**

Explanation

The user changed the current Lenovo Upload Facility configuration.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2045J The request by user *[arg1]* at IP address *[arg2]* to change the Lenovo Upload Facility configuration was unsuccessful.**

Explanation

The user tried to changed the current Lenovo Upload Facility configuration, but the request failed.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the information set in the configuration is valid.

- **FQXHMSS2046I User *[arg1]* at IP address *[arg2]* reset the Lenovo Upload Facility configuration.**

Explanation

The user reset the Lenovo Upload Facility configuration.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2047J User *[arg1]* at IP address *[arg2]* tried to reset the Lenovo Upload Facility configuration, but the operation was unsuccessful.**

Explanation

The user tried to reset Lenovo Upload Facility.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please retry and if the failure persists, please contact Service.

- **FQXHMSS2048J An upload of the file [arg1] to the Lenovo Upload Facility was initiated by user [arg2].**

Explanation

This service file will be transferred to Lenovo support.

Arguments

[arg1] The file name

[arg2] The user that made the request.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2049J An upload of usage data to the Lenovo Upload Facility was initiated.**

Explanation

This service file will be transferred to Lenovo.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2063J Lenovo Call Home Test Connection could not be executed.**

Explanation

The Call Home Test Connection job could not be created.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please contact service team.

- **FQXHMSS2064J The information provided to do a Manual Software Lenovo Call Home is not valid.**

Explanation

Manual Software Call Home could not be created because information provided is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify information used for Manual Software Call Home.

- **FQXHMSS2065J Could not generate a Manual Software Lenovo Call Home.**

Explanation

An error occurred while trying to generate Manual Software Call Home.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please contact service team.

- **FQXHMSS2066J Could not save customer number for future Call Home.**

Explanation

An error occurred while trying to save customer number for future Manual Software Call Home calls.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please check that provided information is valid.

- **FQXHMSS2067I Lenovo Call Home Forwarder and Lenovo Upload Facility Forwarder are disabled.**

Explanation

In order to use Manual Software Call Home, Lenovo Call Home Forwarder and Lenovo Upload Facility Forwarder must be enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2068I Lenovo Call Home Forwarder is disabled.**

Explanation

To report a software problem, the Lenovo Call Home Forwarder must be enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2069I Lenovo Upload Facility Forwarder is disabled.**

Explanation

In order to use Manual Software Call Home, Lenovo Upload Facility Forwarder must be enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2070I Customer {0} has generated a Manual Software Call Home.**

Explanation

Customer {0} has generated a Manual Software Call Home.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2072I Lenovo Call Home Forwarder and Lenovo Upload Facility Forwarder are disabled.**

Explanation

In order to use Manual Call Home, Lenovo Call Home Forwarder and Lenovo Upload Facility Forwarder must be enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2073I Lenovo Upload Facility Forwarder is disabled.**

Explanation

In order to use Manual Call Home, Lenovo Upload Facility Forwarder must be enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2075I Forwarders {0} and {1} were created with this configuration.**

Explanation

The configuration for Call Home was successfully saved. To upload service data to tickets using a 'Lenovo Call Home Forwarder', the 'Default Lenovo Upload Facility Forwarder' must also be enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2076I Forwarder {0} was created and forwarder {1} was updated with this configuration.**

Explanation

The configuration for Call Home was successfully saved. To upload service data to tickets using a 'Lenovo Call Home Forwarder', the 'Default Lenovo Upload Facility Forwarder' must also be enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2077I Forwarder {0} was created but forwarder {1} failed to be created with this configuration.**

Explanation

The configuration for Call Home was successfully saved. To upload service data to tickets using a 'Lenovo Call Home Forwarder', the 'Default Lenovo Upload Facility Forwarder' must also be enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2078I Forwarders {0} and {1} were updated with this configuration successfully.**

Explanation

The configuration for Call Home was successfully saved. To upload service data to tickets using a 'Lenovo Call Home Forwarder', the 'Default Lenovo Upload Facility Forwarder' must also be enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2079I By enabling this forwarder, you are agreeing to send service data to Lenovo. If you do not agree, then please disable this forwarder.**

Explanation

By enabling this forwarder, you are agreeing to send service data to Lenovo. If you do not agree, then please disable this forwarder.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2079J The request to update maintenance information has encountered various issues.**

Explanation

{0} information were maintained, {1} maintenances were invalid, {2} maintenances couldn't be maintained because maintenance already exists, and {3} information failed to be maintained.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check information provided.

- **FQXHMSS2080I The Alert Period for warnings was updated successfully.**

Explanation

The Alert Period for warnings was updated successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2080J The Customer Number provided to do a Manual Software Lenovo Call Home is not valid.**

Explanation

Manual Software Call Home could not be created because customer number provided is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify customer number used for Manual Software Call Home.

- **FQXHMSS2081I Lenovo Call Home Forwarder does not exist.**

Explanation

To report software problems, a Lenovo Call Home forwarder must be configured and enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2081J The Warranty Settings could not be set.**

Explanation

The Warranty Settings could not be set.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS2082J The Warranty Settings could not be retrieved.**

Explanation

The Warranty Settings could not be retrieved.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS2083I The file previously uploaded has been discarded.**

Explanation

The file previously uploaded has been discarded.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2083J The file could not be uploaded to Ticket.**

Explanation

There was a problem while trying to upload the file to the Ticket.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please contact Service and Support Team.

- **FQXHMSS2084J xClarity Administrator could not update the file previously uploaded.**

Explanation

xClarity Administrator could not update the file previously uploaded.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS2085J The maintenance information received is not valid.**

Explanation

The maintenance information received is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS2086J The maintenance information could not be created.**

Explanation

The maintenance information could not be created.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS2087J The request to update maintenance information is not valid.**

Explanation

The request to update maintenance information is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS2088J The request to remove device from maintenance is not valid.**

Explanation

The request to remove device from maintenance is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS2089J The request to remove device from maintenance failed.**

Explanation

The request to remove device from maintenance failed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS2090J The request to update maintenance information failed.**

Explanation

The request to update maintenance information failed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS2091J The request to retrieve maintenance information is not valid.**

Explanation

The request to retrieve maintenance information is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS2092J The customer number provided is not valid.**

Explanation

Customer number is invalid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS2093I The customer number has been left blank.**

Explanation

Customer number is blank.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2093J Could not verify customer number.**

Explanation

Failed to verify customer number.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS2094I The customer number was verified.**

Explanation

Verified customer number.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2098J The case number provided is invalid.**

Explanation

The case number for adding a note is invalid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify case number for the note to add.

- **FQXHMSS2099J The case number provided doesn't exist.**

Explanation

The case number for adding a note doesn't exist.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify case number exists.

- **FQXHMSS2100J The case number provided is not a Lenovo ticket number.**

Explanation

The case number for adding a note is not a Lenovo ticket number.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify case number corresponds to a Lenovo ticket.

- **FQXHMSS2101J The case note could not be added.**

Explanation

The case note could not be added to the ticket because there is no connection to the Lenovo Call Home.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify the connection to Lenovo Call Home.

- **FQXHMSS2102J The case note could not be added.**

Explanation

There was a problem when adding a case note to the ticket.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Contact Service and Support team for further investigations.

- **FQXHMSS2103I Case note successfully added to ticket.**

Explanation

The case note was successfully added to the ticket.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2104J The Case note provided is invalid.**

Explanation

The case note provided to be added to the ticket is invalid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the information provided is valid.

- **FQXHMSS2105J Lenovo Call Home Forwarder is disabled.**

Explanation

In order to use Call Home Pass Through, Lenovo Call Home Forwarder must be enabled.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please go to Service and Support page and enable the this forwarders.

- **FQXHMSS2106J Could not generate a Lenovo Call Home Passh Through.**

Explanation

An error occurred while trying to generate Call Home Pass Through.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please contact service team.

- **FQXHMSS2107J The information provided to do a Lenovo Call Home Pass Through is not valid.**

Explanation

Call Home Pass Through could not be created because information provided is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify information used for Call Home Pass Through.

- **FQXHMSS2108J Could not generate a Lenovo Call Home Pass Through.**

Explanation

An error occurred while trying to generate Call Home Pass Through.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please contact service team.

- **FQXHMSS2109I Attention: Call Home for this country requires a Lenovo Premier Support contract. For more information, contact your Lenovo representative or authorized business partner.**

Explanation

Call Home for this country requires a Lenovo Premier Support contract.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2110J Information provided to accept the new Lenovo Privacy Statement is invalid**

Explanation

Lenovo Privacy Statement agreement is invalid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS2111J Lenovo Privacy Statement has already been accepted and cannot be modified.**

Explanation

Lenovo Privacy Statement has already been agreed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS2112J An error occurred while trying to accept the Lenovo Privacy Statement.**

Explanation

Could not accept the Lenovo Privacy Statement.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS2113J Action is not permitted because user has not accepted the new Lenovo Privacy Statement.**

Explanation

Any Call Home and Lenovo Upload facility features are disabled because the user has not accepted the new Lenovo Privacy Statement.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

In order to enable the these features, accept the new Lenovo Privacy Statement.

- **FQXHMSS2114J This function cannot be performed because there is not sufficient licensing deployed.**

Explanation

The software call home feature requires enough licenses to be deployed on the management server to cover the managed devices.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS2115J The configuration for Call Home was not saved.**

Explanation

The configuration for Call Home was not saved.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the required fields have valid data entered, and then retry.

- **FQXHMSS2116J The operation to change Call Home server was unsuccessful.**

Explanation

An error occurred while changing Call Home server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS2236I Error State**

Explanation

Error State

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS2243J Lenovo Case {0} has not been deleted because the state is {1}.**

Explanation

The Lenovo Case state must be 'Resolved' or 'Canceled' to be deleted.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMSS3035I User [arg1] at IP Address [arg2] started the Lenovo Call Home connectivity test.**

Explanation

The user started the Lenovo Call Home connectivity test.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS3036I The Lenovo Call Home connectivity test started by user [arg1] at IP Address [arg2] ended successfully.**

Explanation

The Lenovo Call Home connectivity test ended successfully.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS3037J The Lenovo Call Home connectivity test started by user [arg1] at IP Address [arg2] failed.**

Explanation

The Lenovo Call Home connectivity test ended unsuccessfully.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify that the management server has connectivity to the Internet. Be sure that the management server has a valid DNS server set that is reachable.

- **FQXHMSS3038J A Lenovo Call Home connection test has failed. Access token could not be retrieved.**

Explanation

The management server could not complete a Lenovo Call Home connection test.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS3039I User [arg1] at IP Address [arg2] started a Manual Software Lenovo Call Home.**

Explanation

User has started a Manual Software Call Home.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS3040J A Lenovo Software Call Home Test has failed. The case could not be created.**

Explanation

The management server could not complete a Lenovo Software Call Home Test.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS3041J A Lenovo Software Call Home has failed. The case could not be created.**

Explanation

The management server could not complete a Lenovo Software Call Home.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS3042J A Lenovo Call Home Test has failed. The case could not be created.**

Explanation

The management server could not complete a Lenovo Call Home Test.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS3043J A Lenovo Manual Call Home has failed. The case could not be created.**

Explanation

The management server could not complete a Lenovo Manual Call Home.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS3044J A Lenovo Call Home has failed. The case could not be created.**

Explanation

The management server could not complete a Lenovo Call Home.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS3045I A Lenovo Software Call Home Test has successfully completed. The case number is [arg1].**

Explanation

The management server has successfully completed a Lenovo Software Call Home Test.

Arguments

[arg1] The problem record id

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS3046I A Lenovo Software Call Home has successfully completed. The case number is [arg1].**

Explanation

The management server has successfully completed a Lenovo Software Call Home.

Arguments

[arg1] The problem record id

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS3047I A Lenovo Manual Call Home has successfully completed. The case number is [arg1].**

Explanation

The management server has successfully completed a Lenovo Manual Call Home.

Arguments

[arg1] The problem record id

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS3048I A Lenovo Call Home Test has successfully completed. The case number is [arg1].**

Explanation

The management server has successfully completed a Lenovo Call Home Test.

Arguments

[arg1] The problem record id

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS3049I A Lenovo Call Home has successfully completed. The case number is [arg1]. The event that generates it, has the message: [arg2] and event id: [arg3]**

Explanation

The management server has successfully completed a Lenovo Call Home.

Arguments

[arg1] The problem record id

[arg2] Event message

[arg3] Event id

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS3050I User [arg1] at IP Address [arg2] started a Manual Lenovo Call Home.**

Explanation

User has started a Manual Lenovo Call Home.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS3051I User [arg1] at IP Address [arg2] started a Lenovo Call Home Test.**

Explanation

User has started a Test Lenovo Call Home.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS3052I User [arg1] at IP Address [arg2] started a Manual Software Lenovo Call Home Test.**

Explanation

User has started a Manual Software Lenovo Call Home Test.

Severity

Informational

Serviceable with log

No

Automatically Notify Support**User Action**

Information only; no action is required.

- **FQXHMSS3053I User [arg1] at IP address [arg2] has successfully uploaded file [arg3] to Lenovo Case [arg4].**

Explanation

The user has uploaded a file to a Lenovo Case.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] The File name.

[arg4] The Lenovo Case UID.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS3054I The Lenovo Software Call Home Test has started uploading Service Data to case [arg1].**

Explanation

The Lenovo Software Call Home Test started to upload collected Service Data to the Lenovo Case.

Arguments

[arg1] The case id

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS3055I The Lenovo Software Call Home Test has successfully uploaded Service Data to case [arg1].**

Explanation

The Lenovo Software Call Home Test has uploaded collected Service Data to the Lenovo Case.

Arguments

[arg1] The case id

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS3056J The Lenovo Software Call Home Test has failed to upload Service Data to case [arg1].**

Explanation

The Lenovo Software Call Home Test failed to upload collected Service Data to the Lenovo Case.

Arguments

[arg1] The case id

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS3057J The Lenovo Software Call Home Test has failed to upload Service Data because Lenovo case could not be created.**

Explanation

The Lenovo Software Call Home Test failed to upload collected Service Data because the Lenovo Case has not been created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS3058I The Lenovo Software Call Home has started uploading Service Data to case [arg1].**

Explanation

The Lenovo Software Call Home started to upload collected Service Data to the Lenovo Case.

Arguments

[arg1] The case id

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS3059I The Lenovo Software Call Home has successfully uploaded Service Data to case [arg1].**

Explanation

The Lenovo Software Call Home has uploaded collected Service Data to the Lenovo Case.

Arguments

[arg1] The case id

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS3060J The Lenovo Software Call Home has failed to upload Service Data to case [arg1].**

Explanation

The Lenovo Software Call Home failed to upload collected Service Data to the Lenovo Case.

Arguments

[arg1] The case id

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS3061J The Lenovo Software Call Home has failed to upload Service Data because Lenovo case could not be created.**

Explanation

The Lenovo Software Call Home failed to upload collected Service Data because the Lenovo Case has not been created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS3062I The Lenovo Call Home Test has started uploading Service Data to case [arg1].**

Explanation

The Lenovo Call Home Test started to upload collected Service Data to the Lenovo Case.

Arguments

[arg1] The case id

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS3063I The Lenovo Call Home Test has successfully uploaded Service Data to case [arg1].**

Explanation

The Lenovo Call Home Test has uploaded collected Service Data to the Lenovo Case.

Arguments

[arg1] The case id

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS3064J The Lenovo Call Home Test has failed to upload Service Data to case [arg1].**

Explanation

The Lenovo Call Home Test failed to upload collected Service Data to the Lenovo Case.

Arguments

[arg1] The case id

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS3065J The Lenovo Call Home Test has failed to upload Service Data because Lenovo case could not be created.**

Explanation

The Lenovo Call Home Test failed to upload collected Service Data because the Lenovo Case has not been created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS3066I The Lenovo Call Home has started uploading Service Data to case [arg1].**

Explanation

The Lenovo Call Home started to upload collected Service Data to the Lenovo Case.

Arguments

[arg1] The case id

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS3067I The Lenovo Call Home has successfully uploaded Service Data to case [arg1].**

Explanation

The Lenovo Call Home has uploaded collected Service Data to the Lenovo Case.

Arguments

[arg1] The case id

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS3068J The Lenovo Call Home has failed to upload Service Data to case [arg1].**

Explanation

The Lenovo Call Home failed to upload collected Service Data to the Lenovo Case.

Arguments

[arg1] The case id

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS3069J The Lenovo Call Home has failed to upload Service Data because Lenovo case could not be created.**

Explanation

The Lenovo Call Home failed to upload collected Service Data because the Lenovo Case has not been created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS3070I User [arg1] at IP Address [arg2] started a Lenovo Call Home Pass Through.**

Explanation

User has started a Lenovo Call Home Pass Through.

Severity

Informational

Serviceable with log

No

Automatically Notify Support**User Action**

Information only; no action is required.

- **FQXHMSS3071I User [arg1] at IP Address [arg2] started a Lenovo Call Home Pass Through Test.**

Explanation

User has started a Lenovo Call Home Pass Through Test.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS3072J A Lenovo Call Home Pass Through Test has failed. The case could not be created.**

Explanation

The management server could not complete a Lenovo Call Home Pass Through Test.

Severity

Informational

Serviceable with log

No

Automatically Notify Support**User Action**

Information only; no action is required.

- **FQXHMSS3073J A Lenovo Call Home Pass Through has failed. The case could not be created.**

Explanation

The management server could not complete a Lenovo Call Home Pass Through .

Severity

Informational

Serviceable with log

No

Automatically Notify Support**User Action**

Information only; no action is required.

- **FQXHMSS3074I A Lenovo Call Home Pass Through Test has successfully completed. The case number is [arg1].**

Explanation

The management server has successfully completed a Lenovo Call Home Pass Through Test.

Arguments

[arg1] The problem record id

Severity

Informational

Serviceable with log

No

Automatically Notify Support**User Action**

Information only; no action is required.

- **FQXHMSS3075I A Lenovo Call Home Pass Through has successfully completed. The case number is [arg1].**

Explanation

The management server has successfully completed a Lenovo Call Home Pass Through.

Arguments

[arg1] The problem record id

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS3076I Management Server will execute Call Home for the serviceable event [arg1] for device [arg2].**

Explanation

Management Server will start execution of Call Home for the received serviceable event.

Arguments

[arg1] The Event ID for which Call Home will be executed.

[arg2] The Device Name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS3077I Management Server will not execute Call Home for the serviceable event [arg1] for device [arg2] because there is no forwarder to match device.**

Explanation

Management Server will not attempt to execute Call Home for the received serviceable event.

Arguments

[arg1] The Event ID for which Call Home will not be executed.

[arg2] The Device Name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS3078I Management Server will not execute Call Home for the serviceable event [arg1] for device [arg2] because there is already a ticket opened for this event and device.**

Explanation

Management Server will not attempt to execute Call Home for the received serviceable event.

Arguments

[arg1] The Event ID for which Call Home will not be executed.

[arg2] The Device Name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS4001I Internal service [arg1] terminated unexpectedly, and it has been restarted. Debug data on the termination has been collected and stored at [arg2]**

Explanation

The specified service has been restarted.

Arguments

[arg1] Service Name

[arg2] Location of debug data

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMSS4002F Internal service [arg1] terminated unexpectedly, and the VM will be restarted. Debug data on the termination has been collected and stored at [arg2]**

Explanation

The specified service will be restarted when the system restart completes.

Arguments

[arg1] Service Name

[arg2] Location of debug data

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMSS4003F Internal service [arg1] terminated unexpectedly, and it could not be restarted. Debug data on the termination has been collected and stored at [arg2]**

Explanation

The specified service could not be restarted.

Arguments

[arg1] Service Name

[arg2] Location of debug data

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMSS4004F Internal service [arg1] terminated unexpectedly, and it will not be recovered. Debug data on the termination has been collected and stored at [arg2]**

Explanation

The specified service could not be recovered.

Arguments

[arg1] Service Name

[arg2] Location of debug data

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMSS4005F Internal service [arg1] terminated unexpectedly, and it could not to be restarted. As a result, the VM will be rebooted. Debug data on the termination has been collected and stored at [arg2]**

Explanation

The specified service could not be restarted.

Arguments

[arg1] Service Name

[arg2] Location of debug data

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMSS4011I Internal service [arg1] terminated unexpectedly, and it has now been restarted. No debug data was collected.**

Explanation

The specified service has been restarted.

Arguments

[arg1] Service Name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMSS4012F Internal service [arg1] terminated unexpectedly, and the VM will be restarted. No debug data was collected.**

Explanation

The specified service will be restarted when the system restart completes.

Arguments

[arg1] Service Name

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMSS4013F Internal service [arg1] terminated unexpectedly, and it could not be restarted. No debug data was collected.**

Explanation

The specified service could not be restarted.

Arguments

[arg1] Service Name

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMSS4014F Internal service [arg1] terminated unexpectedly, and will not be recovered. No debug data was collected.**

Explanation

The specified service could not be recovered.

Arguments

[arg1] Service Name

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMSS4015F Internal service [arg1] terminated unexpectedly, and it could not be restarted. As a result, the VM will be rebooted. No debug data was collected.**

Explanation

The specified service could not be restarted.

Arguments

[arg1] Service Name

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMSS4016I An IBM Manual Call Home has successfully completed. The problem record number is [arg1].**

Explanation

The management server has successfully completed an IBM Manual Call Home.

Arguments

[arg1] The problem record id

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS4017I An IBM Call Home Test has successfully completed. The problem record number is [arg1].**

Explanation

The management server has successfully completed an IBM Call Home Test.

Arguments

[arg1] The problem record id

Severity

Informational

Serviceable with log

No

Automatically Notify Support**User Action**

Information only; no action is required.

- **FQXHMSS4018I A Call Home has successfully completed. The ticket number is [arg1].**

Explanation

The management server has successfully completed a Call Home.

Arguments

[arg1] The problem record id

Severity

Informational

Serviceable with log

No

Automatically Notify Support**User Action**

Information only; no action is required.

- **FQXHMSS4019I An IBM Call Home Connection Test has successfully completed. The problem record number is [arg1].**

Explanation

The management server has successfully completed an IBM Call Home Connection Test.

Arguments

[arg1] The problem record id

Severity

Informational

Serviceable with log

No

Automatically Notify Support**User Action**

Information only; no action is required.

- **FQXHMSS4020J A Manual Call Home has failed. The ticket could not be created.**

Explanation

The management server could not complete a Manual Call Home.

Severity

Informational

Serviceable with log

No

Automatically Notify Support**User Action**

Information only; no action is required.

- **FQXHMSS4021J A Call Home Test has failed. The ticket could not be created.**

Explanation

The management server could not complete a Call Home Test.

Severity

Informational

Serviceable with log

No

Automatically Notify Support**User Action**

Information only; no action is required.

- **FQXHMSS4022J A Call Home has failed. The ticket could not be created.**

Explanation

The management server could not complete a Call Home.

Severity

Informational

Serviceable with log

No

Automatically Notify Support**User Action**

Information only; no action is required.

- **FQXHMSS4023J A Call Home Connection Test has failed. The ticket could not be created.**

Explanation

The management server could not complete a Call Home Connection Test.

Severity

Informational

Serviceable with log

No

Automatically Notify Support**User Action**

Information only; no action is required.

- **FQXHMSS4024J The country has been successfully changed.**

Explanation

The country has been successfully changed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS4025J The country could not be changed.**

Explanation

An error occurred while changing the country.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMSS5048I User [arg1] at IP address [arg2] tried to enable Call Home, but a test must be done before. The test was launched.**

Explanation

In order to enable Call Home, the server must do a Call Home test.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5049I The Call Home test ended successfully.**

Explanation

The Call Home test ended successfully.

Arguments

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5050J The Call Home test ended unsuccessfully.**

Explanation

The Call Home test ended unsuccessfully.

Arguments

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please confirm that you have an internet connection and that the contact data is valid.

- **FQXHMSS5051I Call Home test was launched successfully.**

Explanation

The Call Home test was launched successfully.

Arguments

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5052I Call Home test generated by user [arg1] at IP address [arg2] ended successfully.**

Explanation

The Call Home test generated by the user ended successfully.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5053J Call Home test generated by user [arg1] at IP address [arg2] ended unsuccessfully.**

Explanation

The Call Home test generated by the user ended unsuccessfully.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please confirm that you have an internet connection and that the contact data is valid.

- **FQXHMSS5054I User [arg1] at IP address [arg2] has successfully deleted problem record [arg3].**

Explanation

User has deleted a problem record.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] The problem record number.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5055I User [arg1] at IP address [arg2] has successfully deleted all the problem records.**

Explanation

User has deleted all problem records.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5056I** User [arg1] at IP address [arg2] has successfully changed the state of the auto dumping mechanism from [arg3] to [arg4].

Explanation

The state of the auto dumping mechanism changed.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] The old dumping state.

[arg4] The new dumping state.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5057I** User [arg1] at IP address [arg2] has successfully changed the state of the file tracing mechanism from [arg3] to [arg4].

Explanation

The state of the file tracing mechanism changed.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] The old file tracing state.

[arg4] The new file tracing state.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5058I** User [arg1] at IP address [arg2] has successfully changed the Call Home number of retries from [arg3] to [arg4].

Explanation

The number of retries of the Call Home changed.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] The old number of retries.

[arg4] The new number of retries.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMS5059I User *[arg1]* at IP address *[arg2]* has successfully changed the Call Home timeout between retries from *[arg3]* to *[arg4]*.**

Explanation

The timeout between the retries of the Call Home changed.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] The old number of timeout between retries.

[arg4] The new number of timeout between retries.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMS5060I User *[arg1]* at IP address *[arg2]* has successfully changed the Call Home file verification mode from *[arg3]* to *[arg4]*.**

Explanation

The file verification mode has been changed.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

[arg3] The old file verification mode.

[arg4] The new file verification mode.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5061I Call Home event with ID [arg1] from component [arg2] has been added to the Call Home Processing queue.**

Explanation

Call Home processing (ticket creation and Service Data collection) has been initiated for this event.

Arguments

[arg1] The event ID.

[arg2] The source of the event.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5063I Call Home event with ID [arg1] from component [arg2] is being processed by the server Call Home task.**

Explanation

Call Home processing (ticket creation and Service Data collection) has been initiated for this event.

Arguments

[arg1] Event ID.

[arg2] Source of the event.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5065I Call Home event with ID [arg1] from component [arg2] was suppressed. Call Home aborted.**

Explanation

No Call Home is necessary in this situation.

Arguments

[arg1] Event ID.

[arg2] Source of event.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5067J Call Home event with ID [arg1] from component [arg2] failed to be called home. Remaining retries [arg3].**

Explanation

The Service Center has not been notified of this event.

Arguments

[arg1] Event ID.

[arg2] Source of the event.

[arg3] Remaining number of retries.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please check your connectivity. The request will be automatically retried.

- **FQXHMSS5069I Call Home event with ID [arg1] from component [arg2] has successfully been called home. The associated ticket number is [arg3].**

Explanation

A problem report has been opened for the Service Center.

Arguments

[arg1] Event ID.

[arg2] Source of the event.

[arg3] Problem record number.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5071I Call Home event with ID [arg1] from component [arg2] will not be called home because the server Call Home function is disabled.**

Explanation

The Call Home function must be configured and enabled in order for Call Home to function.

Arguments

[arg1] Event ID.

[arg2] Source of the event.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5073I Call Home event with ID [arg1] from component [arg2] will be removed from the Call Home queue because the Call Home function is disabled now.**

Explanation

The Call Home function must be configured and enabled in order for Call Home to function.

Arguments

[arg1] Event ID.

[arg2] Source of the event.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5075J Call Home event with ID [arg1] from component [arg2] failed to call home. There are no more remaining retries, so this function is aborting.**

Explanation

The Service Center has not been notified of this event.

Arguments

[arg1] Event ID.

[arg2] Source of the event.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Since the Call Home function did not automatically open a ticket, it is recommended that you call the Service Center to open the ticket.

- **FQXHMSS5077J For Call Home event with ID [arg1] from component [arg2], there was a failure when attaching service data to ticket number [arg3]. The number of remaining retries left is [arg4].**

Explanation

Although the ticket was open, Service Data data could not be uploaded to the Support Center.

Arguments

[arg1] Event ID.

[arg2] Source of the event.

[arg3] Problem record number.

[arg4] Number of remaining retries.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check your connectivity to the IBM Support Center. Retries will be done automatically.

- **FQXHMSS5079J For Call Home event with ID [arg1] from component [arg2], there was a failure when attaching additional service data files to ticket number [arg3]. The number of remaining retries left is [arg4].**

Explanation

For a previously opened ticket, additional Service Data could not be submitted.

Arguments

[arg1] Event ID.

[arg2] Source of the event.

[arg3] Problem record number.

[arg4] Number of remaining retries.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check your connectivity to the IBM Support Center. Retries will be done automatically.

- **FQXHMSS5081I Call Home event with ID [arg1] from component [arg2] is being processed by the server Call Home task. The process is attaching the collected endpoint service data to ticket number [arg3].**

Explanation

Call Home processing (ticket creation and Service Data collection) has been initiated for this event.

Arguments

[arg1] Event ID.

[arg2] Source of the event.

[arg3] The Problem Number.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5083I Call Home event with ID [arg1] from component [arg2] is being processed by the server Call Home task. The process is attaching additional files to problem number [arg3].**

Explanation

Call Home processing (ticket creation and Service Data collection) has been initiated for this event.

Arguments

[arg1] Event ID.

[arg2] Source of the event.

[arg3] Problem record number.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5085I The collected endpoint service data has been successfully attached to ticket number [arg1].**

Explanation

The ticket now has the associated Service Data.

Arguments

[arg1] Problem record number.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5086I The additional file(s) have been successfully attached to ticket number [arg1].**

Explanation

The ticket now has the associated Service Data.

Arguments

[arg1] ticket number.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5089I Call Home test generated by user [arg1] at IP address [arg2] was launched successfully.**

Explanation

The Call Home test was launched successfully.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5090I User [arg1] at IP address [arg2] enabled Call Home.**

Explanation

The Call Home was enabled.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5091I User [arg1] at IP address [arg2] disabled Call Home.**

Explanation

The Call Home was disabled.

Arguments

[arg1] The user that made the request.

[arg2] IP address of the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5092I The server suppressed Call Home call for event [arg1] generated on system [arg2].**

Explanation

Server suppressed Call Home call for the specified event because the system already generated the same call with the same id and the opened Problem Number is still active.

Arguments

[arg1] The event id.

[arg2] The system name.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5093I Collecting the Service Data archive generated by event with ID [arg1] from endpoint [arg2] finished successfully.**

Explanation

The Service Data archive was collected successfully.

Arguments

[arg1] The event ID that generated the collecting job.

[arg2] The name of the endpoint.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5094J Collecting the Service Data archive generated by event with ID [arg1] from endpoint [arg2] failed.**

Explanation

Collecting the Service Data archive from endpoint failed.

Arguments

[arg1] The event ID that generated the collecting job.

[arg2] The name of the endpoint.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please verify the server connection to the endpoint.

- **FQXHMSS5095J Saving the collected Service Data archive generated by event with ID [arg1] from endpoint [arg2] inside the server failed.**

Explanation

Saving the collected Service Data archive inside the server failed.

Arguments

[arg1] The event ID that generated the collecting job.

[arg2] The name of the endpoint.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please make sure there is enough space in the server's hard drive and retry.

- **FQXHMSS5096J Uploading the collected endpoint Service Data archive to Problem Number with ID [arg1] failed.**

Explanation

Uploading the collected Service Data archive to the opened Problem Number has failed.

Arguments

[arg1] The Problem Number UID.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Contact the support center to determine how to transfer the Service Data archive to them.

- **FQXHMSS5097J Uploading additional Service Data archive(s) to Problem Number with ID [arg1] failed.**

Explanation

Uploading additional Service Data archive to the opened Problem Number has failed.

Arguments

[arg1] The Problem Number UID.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Contact the support center to determine how to transfer the Service Data archive to them.

- **FQXHMSS5100I Events with event code [arg1] generated from system [arg2] will be suppressed from Service Data data auto-collect and Service Forwarding processing for [arg3] hours.**

Explanation

The management server detected that the same event is frequently being surfaced for the same endpoint. The suppression is being done to prevent unnecessary processing to collect Service Data.

Arguments

[arg1] The event code.

[arg2] The system name.

[arg3] The time period.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Follow the recovery actions for the specified event.

- **FQXHMSS5101I Event [arg1] received from system [arg2] was not called home.**

Explanation

This event was not called home because the required identification data could not be retrieved from the component.

Arguments

[arg1] The event code.

[arg2] The system name.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Since this event was not called home to the support team, it is recommended that you call the support team directly to open a problem ticket, or use the function in Service and Support to manually open a problem ticket.

- **FQXHMSS5103I Test Event for Service Fowarder [arg1] generated by user [arg2] at ip address [arg3].**

Explanation

The event represents a test to validate the configuration of the service fowarder.

Arguments

[arg1] The service forwarder name.

[arg2] The user that generated the test request.

[arg3] IP address of the user.

Severity

Informational

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Information only; no action is required.

- **FQXHMSS5104I The warranty for [arg1] with the UUID [arg2] will expire in less than [arg3] days.**

Explanation

This is a warranty related notification.

Arguments

[arg1] The device name.

[arg2] The device UUID.

[arg3] The number of days when warranty alert is generated.

Severity

Informational

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5105I The warranty for [arg1] with the UUID [arg2] is expired.**

Explanation

This is a warranty related notification.

Arguments

[arg1] The device name.

[arg2] The device UUID.

Severity

Informational

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5106I An event was received from an endpoint that is not currently managed, at IP address [arg1]. This event has been ignored.**

Explanation

This event will only be logged once per 24-hour period for a specific IP address.

Arguments

[arg1] The device UUID.

Severity

Informational

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Check to see if a previously managed endpoint may not have been cleanly unmanaged. If this is the case, then configuration of the endpoint may need to be changed to prevent additional events from being sent to the management server.

- **FQXHMSS5107I The management server detected duplicate files.**

Explanation

During a management server update, duplicate files were installed, which may cause issues.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Contact the support team for assistance in removing the duplicate files.

- **FQXHMSS5108I Call Home and all other active serviceability functions for event *[arg1]* from system *[arg2]* were suppressed because the event matches one of the excluded events.**

Explanation

The Call Home service and all other active serviceability functions were suppressed due to the event being included in the excluded events and the option to abort the serviceability functions for excluded events is activated.

Arguments

[arg1] Excluded Event Code

[arg2] System Name

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Reactivate the serviceability functions for the excluded event do one of the following actions: by removing the event from the excluded event list or disabling the option to suppress excluded events from the serviceability functions.

- **FQXHMSS5109I** The user [arg1] from IP address [arg2] has successfully enabled the option to suppress service forwarders for excluded events.

Explanation

The user modified the excluded events option for the serviceability functions.

Arguments

[arg1] The user who modified the the option

[arg2] The IP address

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5110I** The user [arg1] from IP address [arg2] has successfully disabled the option to suppress service forwarders for excluded events.

Explanation

The user modified the excluded events option for the serviceability functions.

Arguments

[arg1] The user who modified the the option

[arg2] The IP address

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5111I** The request from user [arg1] from IP address [arg2] to enable the option to suppress service forwarders for excluded events was not successful.

Explanation

The user modified the excluded events option for the serviceability functions.

Arguments

[arg1] The user who modified the the option

[arg2] The IP address

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5112I The request from user [arg1] from IP address [arg2] to disable the option to suppress service forwarders for excluded events was not successful.**

Explanation

The user modified the excluded events option for the serviceability functions.

Arguments

[arg1] The user who modified the the option

[arg2] The IP address

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5113I User [arg1] from IP address [arg2] has enabled the IP Duplication check service.**

Explanation

The user enabled the IP Duplication check service.

Arguments

[arg1] The user who modified the the option

[arg2] The IP address

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5114I User [arg1] from IP address [arg2] has disabled the IP Duplication check service.**

Explanation

The user disabled the IP Duplication check service.

Arguments

[arg1] The user who modified the the option

[arg2] The IP address

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5115I User [arg1] from IP address [arg2] enabled the SSD Life Check Service.**

Explanation

The SSD Life Check Service is enabled.

Arguments

[arg1] The user who modified the the option

[arg2] The IP address

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5116I User [arg1] from IP address [arg2] disabled the SSD Life Check Service.**

Explanation

The SSD Life Check Service is disabled.

Arguments

[arg1] The user who modified the the option

[arg2] The IP address

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5117I User [arg1] from IP address [arg2] changed the warning threshold level for checking the remaining life of SDDs from [arg3] to [arg4].**

Explanation

The warning threshold level for checking the remaining life of SDDs was changed.

Arguments

[arg1] The user who modified the the option

[arg2] The IP address

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5118I User *[arg1]* from IP address *[arg2]* changed the error threshold level for checking the remaining life of SDDs from *[arg3]* to *[arg4]*.**

Explanation

The error threshold level for checking the remaining life of SDDs was changed.

Arguments

[arg1] The user who modified the the option

[arg2] The IP address

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5119I The warranty period was set successfully to : *[arg1]* days.**

Explanation

This is a warranty related notification.

Arguments

[arg1] The number of days before warranty expires.

Severity

Informational

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS5120I A new bulletin event was raised.**

Explanation

This is a bulletin related Event.

Arguments

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMS9005J The request to change the log size was not successful.**

Explanation

The status entered in the log size field was not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please enter a valid status for the log size.

- **FQXHMS9006J The request to change the log size was not successful.**

Explanation

Only loggers with buffer appenders shown can have their log set modified.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

The log size for this logger cannot be changed. Please change the log size for a different logger if appropriate.

- **FQXHMS9007J The maximum archive number should be positive, non zero, and no more than {0}.**

Explanation

The maximum archive number that was inserted is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please insert a number that is positive and greater than zero.

- **FQXHMS9008J A logger was not selected.**

Explanation

A logger must be selected before setting logger properties.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please select one of the loggers.

- **FQXHMSS9010I There is approximately {0} Kilobytes that will be compressed and downloaded.**

Explanation

There is approximately {0} Kilobytes that will be compressed and downloaded.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS9011I There is approximately {0} Megabytes that will be compressed and downloaded.**

Explanation

There is approximately {0} Megabytes that will be compressed and downloaded.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS9012I There is approximately {0} Gigabytes that will be compressed and downloaded.**

Explanation

There is approximately {0} Gigabytes that will be compressed and downloaded.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS9013I The granularity level has successfully been set to {0}.**

Explanation

Note: there are some base loggers that can't be changed. If one of those was chosen, it will revert back to its default status.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS9014I The Number of Logs to Archive has been set to status {0}.**

Explanation

The Number of Logs to Archive has been set to status {0}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS9015J The request to generate a Service Data file was not successful, due to a previous request still in process.**

Explanation

The request to generate a Service Data file was not successful, due to a previous request still in process.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please wait for the previous request to complete.

- **FQXHMSS9016I There is approximately {0} Kilobytes that will be compressed and downloaded. The user already downloaded an archive generated {2} second(s) ago.**

Explanation

There is approximately {0} Kilobytes that will be compressed and downloaded. The user already downloaded an archive generated {2} second(s) ago.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS9017I There is approximately {0} Megabytes that will be compressed and downloaded. The user already downloaded an archive generated {2} second(s) ago.**

Explanation

There is approximately {0} Megabytes that will be compressed and downloaded. The user already downloaded an archive generated {2} second(s) ago.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS9018I There is approximately {0} Gigabytes that will be compressed and downloaded. The user already downloaded an archive generated {2} second(s) ago.**

Explanation

There is approximately {0} Gigabytes that will be compressed and downloaded. The user already downloaded an archive generated {2} second(s) ago.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS9019I There is approximately {0} Kilobytes that will be compressed and downloaded. The user already downloaded an archive generated {2} minute(s) ago.**

Explanation

There is approximately {0} Kilobytes that will be compressed and downloaded. The user already downloaded an archive generated {2} minute(s) ago.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS9020I There is approximately {0} Megabytes that will be compressed and downloaded. The user already downloaded an archive generated {2} minute(s) ago.**

Explanation

There is approximately {0} Megabytes that will be compressed and downloaded. The user already downloaded an archive generated {2} minute(s) ago.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS9021I There is approximately {0} Gigabytes that will be compressed and downloaded. The user already downloaded an archive generated {2} minute(s) ago.**

Explanation

There is approximately {0} Gigabytes that will be compressed and downloaded. The user already downloaded an archive generated {2} minute(s) ago.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMSS9023J Updating the contact information on chassis with UUID {0} for Call Home was unsuccessful.**

Explanation

The contact information for the specified chassis was not found.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Please refresh your page.

- **FQXHMST0001G A trap alert destination subscription failure occurred when user {0} managed server {1}**

Explanation

This will cause the management server to not receive events from managed server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Log into the managed storage's user interface for this storage, and add the management server IP address into the Set Up Notification to receive notifications.

- **FQXHMST0001I User {0} started management of storage {1}.**

Explanation

The management of the storage has been requested by user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMST0002G A trap alert destination unsubscription failure occurred when user {0} unmanaged server {1}**

Explanation

This will cause the management server to continue to receive events on this server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Log into the managed storage's user interface for this storage, and remove the management server IP.

- **FQXHMST0003G Inventory data could not be retrieved from the endpoint {0}**

Explanation

The attempt to retrieve the most updated inventory data has failed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check to ensure there are no connectivity issues to the endpoint.

- **FQXHMST0004G Credentials could not be updated from endpoint {0}**

Explanation

Security policies could not be updated when accessing the endpoint.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check to ensure there are no connectivity issues to the endpoint and retry the operation. If the problem persists, contact Support.

- **FQXHMST0005G User {0} cannot removed the credentials from endpoint {1}**

Explanation

Security policies could not be removed from the endpoint.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check to ensure there are no connectivity issues to the endpoint and retry the operation. If the problem persists, contact Support.

- **FQXHMST0006G User {0} cannot remove endpoint {1}.**

Explanation

An error occurred when attempting to remove the endpoint.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check to ensure there are no connectivity issues to the endpoint and retry the operation. If the problem persists, contact Support.

- **FQXHMST0007G Endpoint {0} could not be accessed because credentials were refused.**

Explanation

The operation cannot be performed because of a problem with the credentials.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to manage the endpoint again. Then attempt to perform the operation again.

- **FQXHMST0008G Endpoint {0} could not be accessed.**

Explanation

The operation cannot be performed because of a problem with the endpoint connectivity.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check to ensure there are no connectivity issues to the endpoint and retry the operation. If the problem persists, contact Support.

- **FQXHMST0009G User {0} cannot access the endpoint {1}.**

Explanation

The operation performed to the server failed due to an internal communication infrastructure failure.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management server and retry the operation. If the problem persists, contact Support.

- **FQXHMST0010G The SSL/TLS certificate provided by the {0} endpoint is not valid.**

Explanation

The operation performed to the server failed due to an SSL certificate error.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

The SSL/TLS certificate provided by the endpoint is not valid.

- Restarting the system's Management on Storage Controllers the certificate is regenerated.

- **FQXHMST0015G The controller {0} is not operational.**

Explanation

The operation cannot be performed because of a problem with the endpoint operability.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the Storage Controller in this controller module, unless it is performing an operation where it is normal for it to be shut down, such as firmware update.

- **FQXHMTS0001G A trap alert destination subscription failure occurred when user {0} managed server {1}**

Explanation

This will cause the management server to not receive events from managed server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Log into the managed server's user interface for this server, and add the management server IP address into the Alert Policy to receive notifications.

- **FQXHMTS0002G A trap alert destination unsubscription failure occurred when user {0} unmanaged server {1}**

Explanation

This will cause the management server to continue to receive events on this server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Log into the managed server's user interface for this server, and remove the Alert Policy created.

- **FQXHMTS0003G Inventory data could not be retrieved from the endpoint {0}. BIOS: {1}, BMC: {2}**

Explanation

The attempt to retrieve the most updated inventory data has failed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check to ensure there are no connectivity issues to the endpoint.

- **FQXHMTS0004G Credentials could not be updated from endpoint {0}**

Explanation

Security policies could not be updated when accessing the endpoint.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check to ensure there are no connectivity issues to the endpoint and retry the operation. If the problem persists, contact Support.

- **FQXHMTS0005G User {0} cannot removed the credentials from endpoint {1}**

Explanation

Security policies could not be removed from the endpoint.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check to ensure there are no connectivity issues to the endpoint and retry the operation. If the problem persists, contact Support.

- **FQXHMTS0006G User {0} cannot remove endpoint {1}.**

Explanation

An error occurred when attempting to remove the endpoint.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check to ensure there are no connectivity issues to the endpoint and retry the operation. If the problem persists, contact Support.

- **FQXHMTS0007G There is no IPMI user slot available in the endpoint when user {0} was managing the server {1}**

Explanation

There is no user slot available to create a user in the end point.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Log into the managed server and remove any users that are no longer used.

- **FQXHMTS0008G The NTP server could not be set on the endpoint when user {0} was managing the server {1}.**

Explanation

This will likely render the endpoint time unsynchronized to the management server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Log into the managed server and set the NTP server in the Date/Time options.

- **FQXHMTS0009G Endpoint {0} could not be accessed because credentials were refused.**

Explanation

The operation cannot be performed because of a problem with the credentials.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to manage the endpoint again. Then attempt to perform the operation again.

- **FQXHMTS0010G Endpoint {0} could not be accessed.**

Explanation

The operation cannot be performed because of a problem with the endpoint connectivity.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check to ensure there are no connectivity issues to the endpoint and retry the operation. If the problem persists, contact Support.

- **FQXHMTS0011G User {0} cannot access the endpoint {1}.**

Explanation

The operation performed to the server failed due to an internal communication infrastructure failure.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management server and retry the operation. If the problem persists, contact Support.

- **FQXHMUP1000I The command completed successfully.**

Explanation

The command completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP1103L The inventory update request was not successful.**

Explanation

The inventory request requires a valid target for updates. The request could not be completed because the target was missing.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the request and provide a valid target for updates *{chassis, cmms, nodes, switches}*.

- **FQXHMUP1104I Update setting {0} updated from {1} to {2}.**

Explanation

Update setting {0} updated from {1} to {2}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP1105I Update setting [arg1] was updated from [arg2] to [arg3] by user [arg4].**

Explanation

Update settings by user

Arguments

[arg1] The configuration name

[arg2] The previous value of the configuration

[arg3] The new value of the configuration

[arg4] The user that performed the update.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP2000I The command completed successfully.**

Explanation

The command completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP2001G No managed data was found.**

Explanation

A chassis or rack server must be managed before firmware updates can be applied to devices.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Use the Hardware page to manage at least one chassis or rack server. Then, attempt to update firmware again.

- **FQXHMUP2002L Could not retrieve inventory.**

Explanation

Inventory could not be retrieved because the required option is missing.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the request, specifying a valid option *{full, chassis, nodes, switches}*.

- **FQXHMUP2003M The inventory retrieval request could not complete.**

Explanation

The inventory retrieval could not complete because the provided option {0} is not valid.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the request, specifying a valid option *{full, chassis, cmms, nodes, switches, racks, all}*.

- **FQXHMUP2004J The managed chassis list does not contain any {0}.**

Explanation

The management server did not find any managed {0}. Updates can only be performed on managed devices.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Use the Chassis page to manage at least one chassis. Then, attempt to update firmware again.

- **FQXHMUP2005J Inventory collection did not find any {0} with an UUID of {1}.**

Explanation

No managed {0} were found with an UUID of {1}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Use the Chassis page to manage the chassis that contains the device with the UUID of {0}.

- **FQXHMUP2006N The inventory retrieval request could not complete.**

Explanation

The inventory retrieval could not complete because the provided device type {0} was not valid.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the request, specifying a valid device type *{full, chassis, cmms, nodes, switches}*.

- **FQXHMUP2007F Inventory retrieval was not complete.**

Explanation

The inventory retrieval could not complete because inventory collection is in progress.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the request.

- **FQXHMUP2099N An unexpected error occurred.**

Explanation

An internal error has occurred. It cannot continue to run normally.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Relaunch the management server. If the error persists, restart your system and try again.

- **FQXHMUP2101L Could not retrieve the token for the provided device.**

Explanation

The specified UUID of the device was null or blank.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the request, specifying the valid UUID of the target device.

- **FQXHMUP2102J Could not retrieve the token for the provided device {0}.**

Explanation

The request for the remote token failed with return code {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the node with the specified UUID has remote capability.

- **FQXHMUP2103L The inventory update request could not complete.**

Explanation

The inventory request could not complete because a required option was missing.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the request, providing a valid target for updates *{chassis, cmms, nodes, switches}*.

- **FQXHMUP2104L Could not update the profile.**

Explanation

The request could not complete.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the request.

- **FQXHMUP2200I This is a supported device.**

Explanation

This is a supported device.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP2201G Ethernet over USB is not enabled for device {0}.**

Explanation

Firmware updates are not supported on a device when Ethernet over USB is not enabled on that device.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Access the management controller interface for the device, and verify that the option is enabled. See your management controller documentation for instructions.

- **FQXHMUP2202G Firmware updates to the standby CMM are not supported on device {0}.**

Explanation

Firmware updates cannot be applied directly to the standby CMM because it is automatically updated by the primary CMM.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

When applying firmware updates to a CMM, make sure that the primary CMM is selected.

- **FQXHMUP2203G Stacked mode is enabled on Flex System switch {0}.**

Explanation

Firmware updates are not supported on a Flex System switch when stacking mode is enabled.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Disable the stacking mode on the Flex System switch.

- **FQXHMUP2204G Protected mode is enabled on Flex System switch {0}.**

Explanation

Firmware updates are not supported on a Flex System switch when protected mode is enabled.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Disable protected mode on the Flex System switch.

- **FQXHMUP2205G Device {0} is in an unsupported complex.**

Explanation

Firmware updates are not supported on complexes if there is more than one partition or if there are unassigned nodes.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Create a single partition and place all possible devices in the complex into that partition.

- **FQXHMUP2206G Component {0} is in an unsupported option.**

Explanation

Firmware updates are not supported on this option; therefore the firmware will not be updated.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Use some other method to update the firmware for this component.

- **FQXHMUP2207G Device {0} is an unsupported device with a machine type of {1}.**

Explanation

Firmware updates are not supported on that device.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Use some other method to update the firmware for this device.

- **FQXHMUP2208G Down-level firmware was found on option {0}.**

Explanation

The firmware is down-level on this option where it does not provide vital data in order to associate a suitable firmware package.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

The Apply / Activate page provides generated options for each device; choose a generated option which closely matches the option with down-level firmware.

- **FQXHMUP2209G This device is not accessible.**

Explanation

Firmware updates cannot be applied to this device because it is not accessible.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the device is accessible on the network using the provided credentials to this application.

- **FQXHMUP2210G Device {0} is an unsupported node in the complex.**

Explanation

Firmware updates cannot be applied to this complex due to an unsupported node in the complex.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Find the offending node in the complex and take action on the unsupported reason..

- **FQXHMUP2211G Firmware updates to the active banks of switch modules are not supported on device {0}.**

Explanation

Firmware updates cannot be applied directly to the active banks of switch modules.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

When applying firmware updates to a switch module, the inactive bank is updated and becomes the active bank during activation.

- **FQXHMUP2212G Inventory collection is not complete.**

Explanation

Firmware updates cannot be applied to this device because inventory collection is not complete.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Inventory collection might take several minutes to complete. Try updating this device again later.

- **FQXHMUP2213G Could not retrieve the IP address for the provided device.**

Explanation

The IP address of the device was null or blank.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the device is accessible on the network.

- **FQXHMUP2214G Inventory collection will complete after the device powers on.**

Explanation

Complete inventory collection requires the device to power on to collect component data.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Power on the device.

- **FQXHMUP2215L The security certificate that is used to establish a secure connection to a managed device has become untrusted.**

Explanation

The security certificate is untrusted and might be out of sync with the expected certificate.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

From the Lenovo XClarity Administrator menu bar, click Hardware, and select your device from the list. Click All Actions > Resolve Untrusted Certificates > Install Certificates.

- **FQXHMUP2216G OS device-driver updates are not supported for this device.**

Explanation

OS device-driver updates are not supported for this device.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMUP2217G Device-driver updates are not supported for this operating system.**

Explanation

Device-driver updates are not supported for this operating system.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMUP2218G Firmware updates on IBM disk drives in Lenovo servers is not supported.**

Explanation

Firmware updates cannot be applied to this component because it is an IBM disk drive in a Lenovo server.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Use Lenovo XClarity Essentials Boot Media Creator or XClarity Essentials UpdateXpress tools to update the firmware on your device.

- **FQXHMUP2219G The power supply unit (PSU) current firmware version is too low and does not support update.**

Explanation

The power supply unit (PSU) current firmware version does not support updates through Lenovo XClarity Administrator.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the power supply unit (PSU) manually to a version equal or greater than the minimum supported version.

- **FQXHMUP2301I New devices were added to firmware Updates Inventory. [arg1].**

Explanation

Changes were detected in the inventory.

Arguments

[arg1] Details of the inventory changes

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMUP2302I Some devices were removed from the firmware Updates Inventory. [arg1].**

Explanation

Changes were detected in the inventory.

Arguments

[arg1] Details of the inventory changes

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMUP2303I Some components were added to the firmware Updates Inventory. [arg1].**

Explanation

Changes were detected in the inventory.

Arguments

[arg1] Details of the inventory changes

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMUP2304I Some components were removed from the firmware Updates Inventory. [arg1].**

Explanation

Changes were detected in the inventory.

Arguments

[arg1] Details of the inventory changes

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMUP2305I The firmware updates inventory has changed. [arg1].**

Explanation

Changes were detected in the inventory.

Arguments

[arg1] Details of the inventory changes

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMUP2306I The driver updates inventory has changed. [arg1].**

Explanation

Changes were detected in the inventory.

Arguments

[arg1] Details of the inventory changes

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMUP2307I The operating system driver updates repository has changed. [arg1].**

Explanation

The operating system driver updates repository has changed.

Arguments

[arg1] Details of the inventory changes

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMUP2500I Repository operation completed successfully.**

Explanation

Repository operation completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP2501G The repository operation could not complete because an update is in use.**

Explanation

An update is assigned to a policy or it is in the process of being applied. The operation cannot be completed until the update is available.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Remove the update from all policies or wait until all updates have been applied. Then, retry the operation.

- **FQXHMUP2502L The repository operation failed.**

Explanation

The operation failed for an unknown reason. The network connection might have gone down.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the network connection. Retry the operation.

- **FQXHMUP2503G An invalid parameter was passed to the repository operation.**

Explanation

A required parameter is missing, or the value specified is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check all parameters. Then, retry the operation.

- **FQXHMUP2504L The repository could not connect with the fix service provider.**

Explanation

The repository operation failed because there was a communication problem with the fix service provider.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the network connection. Retry the operation.

- **FQXHMUP2505L The update could not be deleted because it is required for another update.**

Explanation

The delete operation could not complete because one or more updates depend on this update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Delete all dependent updates first. Then, retry the operation.

- **FQXHMUP2506L The update could not be deleted.**

Explanation

The delete operation could not complete because the file could not be removed from the file system.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the file system. Then, retry the operation.

- **FQXHMUP2507I The repository operation was canceled successfully.**

Explanation

The repository operation was canceled successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP2508I The repository operation has started successfully.**

Explanation

The repository operation has started successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP2509I The repository operation is progressing normally.**

Explanation

The repository operation is progressing normally.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP2510L The update package cannot be added to the repository because the repository is full.**

Explanation

There is not enough disk space in the repository to add the update package.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Delete previously installed update packages or delete packages that are not required for the current installation.

- **FQXHMUP2511L The update could not be deleted because it is used by one or more policies.**

Explanation

The update payload could not be deleted from the repository because it is used by one or more policies.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Remove update from all policies. Then retry the operation.

- **FQXHMUP2512F The import process is complete. Some files were discarded for unknown reasons.**

Explanation

The following files have unknown issues and were discarded: {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the import the files again.

- **FQXHMUP2513F The import process is complete. Some files are not valid signed packages and were discarded.**

Explanation

The following files are invalid signed packages and were discarded: {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Download the files again and then reattempt to import the files. If the error persists, contact Support.

- **FQXHMUP2514F The import process is complete. Some files are not recognized as update packages and were discarded.**

Explanation

The following files are not recognized as update packages and were discarded: {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Download the files again and then reattempt to import the files. If the error persists, contact Support.

- **FQXHMUP2515F The import process is complete. Some files are for update types that are not supported and were discarded.**

Explanation

The following files are for update types that are not supported and were discarded: {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the files being imported are for supported update types, then attempt to import the files again.

- **FQXHMUP2516F The import process is complete. Some files are for operating systems that are not supported and were discarded.**

Explanation

The following files are for operating systems that are not supported and were discarded: {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the files that are being imported are for supported operating systems, and then import the files again. Lenovo servers require OS independent updates or updates that run on Linux RHEL-6. IBM servers require OS independent updates or updates that run on Linux SLES 11.

- **FQXHMUP2517F The import process is complete. Some files are for machine type that are not supported and were discarded.**

Explanation

The following files are for machine type that are not supported and were discarded: {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the files being imported are for supported machine types, then attempt to import the files again.

- **FQXHMUP2518F The import process is complete. Some files are not referenced by any metadata file that is currently in the repository and were discarded.**

Explanation

The following files are not referenced by any metadata file that is currently in the repository and were discarded: {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the update package includes a metadata file that references the files, and attempt the import the package again.

- **FQXHMUP2519F The import process is complete. Some files are corrupted and were discarded.**

Explanation

The following files are corrupted and were discarded: {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Download the files again and then reattempt to import the files. If the error persists, contact Support.

- **FQXHMUP2520L Internet connection failure.**

Explanation

The repository operation failed because there was a communication problem with the Lenovo or IBM download service.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the network connection by clicking Administrator->Network-Access, and then clicking Test-Connection.

- **FQXHMUP2521L A download error occurred. One or more updates failed to download.**

Explanation

One or more updates were not downloaded. Check the Jobs page for more information.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the download operation again. If operation continues to fail, then use your web browser to download the update directly from the https:

- **FQXHMUP2530F Delete complete. Some update packages are used by firmware-compliance policies and cannot be deleted.**

Explanation

The following packages are used by firmware-compliance policies and cannot be deleted: {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

To delete these packages, remove them from these firmware-compliance policies: {0}.

- **FQXHMUP2531F Delete complete. Some update packages are referenced by other update packages and cannot be deleted.**

Explanation

The following packages are referenced by other packages and cannot be deleted: {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

To delete these packages, delete these packages: {0}.

- **FQXHMUP2532F Delete complete. Some update packages are locked by other tasks and cannot be deleted.**

Explanation

The following packages are locked by other tasks and cannot be deleted: {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt the delete operation again.

- **FQXHMUP2533F Delete complete. Some update packages are part of UXSP package and cannot be deleted.**

Explanation

The following packages are part of UXSP package and cannot be deleted: {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

To delete these packages, delete these UXSP packages: {0}.

- **FQXHMUP2534F Delete complete. Some firmware-compliance policies files cannot be deleted.**

Explanation

{0} of {1} policies were deleted successfully, {2} of {3} policies failed to delete.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

See the jobs log for more information.

- **FQXHMUP2540F The import process is complete. Some files were discarded because they are for updates to the management server.**

Explanation

The following files are for updates to the management server and cannot be imported directly into the current repository. These files were discarded: {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Go to the Update Management Server page, and attempt to import the files again.

- **FQXHMUP2541F The import process is complete. Some files were discarded because they are for firmware updates.**

Explanation

The following files are firmware updates and cannot be imported directly into the current repository. These files were discarded: {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Go to the Firmware Repository page, and attempt to import the files again.

- **FQXHMUP2542F The import process is complete. Some files were discarded because they are for Windows device drivers.**

Explanation

The following files are Windows device drivers and cannot be imported directly into the current repository. These files were discarded: {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Go to the Windows Driver Repository page, and attempt to import the files again.

- **FQXHMUP2543J Update packages are missing.**

Explanation

Update packages {0} do not exist.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the firmware update exists, and then try again.

- **FQXHMUP2544F Packaging the update packages failed.**

Explanation

Failed to compress the update packages.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation. If the problem persists, contact Support.

- **FQXHMUP2551L The import process is not complete because the file uploading contents do not match the files that was validated.**

Explanation

The following files were validated for importing, but are not included in the later uploading request: {0}.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the validating and uploading operations. Please keep the uploaded files as same as validated files.

- **FQXHMUP2552L The CRC error was detected from the files acquired.**

Explanation

The CRC error was detected from the files acquired. These updates acquiring was not successful: {0}.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation. If the problem persists, please contact Support.

- **FQXHMUP2553L An invalid mount point is used.**

Explanation

The mount point ({0}) is not associated with a remote share, or the remote share is not accessible.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Try the request again, using "Local" for the local repository; or using the mount point of a remote share for remote repository, and make sure the remote share is accessible.

- **FQXHMUP2554L The remote repository is inaccessible.**

Explanation

The mount point ({0}) is not associated with a remote share, or the remote share is not accessible.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Make sure the remote share is accessible. or switch the firmware repository to an accessible remote share.

- **FQXHMUP2555L The remote repository is ready only, this Operation is unsupported.**

Explanation

The remote repository is ready only, this Operation is unsupported.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMUP2556L There is a running Swap Repository Job.**

Explanation

There is a running Swap Repository Job (/tasks/{0}).

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Try the request again after the running job is completed.

- **FQXHMUP2557L There is a running job which is using the firmware repository.**

Explanation

There is a running job which is using the firmware repository.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Try the request again after the running job is completed.

- **FQXHMUP2600L The download package service was not started because the jobs cannot be registered.**

Explanation

An internal error occurred while trying to register the jobs.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Reboot application. Retry operation.

- **FQXHMUP2601L The download package service was not started because the job cannot be spawned.**

Explanation

Internal Error: Unable to spawn the task with Core Task Manager.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Reboot application. Retry operation.

- **FQXHMUP3001J The policy name already exists.**

Explanation

The policy name {0} already exists.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Try the request again, specifying a different policy name.

- **FQXHMUP3002J The policy is currently in use.**

Explanation

The policy {0} is currently in use by another client.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait until policy is available and retry operation.

- **FQXHMUP3003L The policy could not be found.**

Explanation

The policy {0} could not be found on the management server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Refresh the policy list and retry operation.

- **FQXHMUP3004J The policy does not exist.**

Explanation

The policy {0} no longer exists. Therefore, it cannot be edited.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Refresh the policy list and retry the operation.

- **FQXHMUP3005J Critical info is missing of the I/O Switch in inventory.**

Explanation

Critical info is missing of I/O Switch in bay {0} of chassis {1}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the action. If the problem persists, contact Support.

- **FQXHMUP3006I Policy operation completed successfully.**

Explanation

Policy operation completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP3007J The device type is not supported.**

Explanation

The device type: {0} is not supported yet.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Currently, the supported device type are {Chassis, IOSwitch, Server}.

- **FQXHMUP3008J Update packages are missing.**

Explanation

Update packages of machine type {0} do not exist.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

check and refresh the repository and re-acquire them if necessary.

- **FQXHMUP3009L An unknown error occurred while copying the policy.**

Explanation

An unknown error occurred while copying the policy.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Do it again, if the problem persists, contact Support.

- **FQXHMUP3010L The request to get compliance results for the device in slot {0} of Chassis {1} failed.**

Explanation

Compliance failed because compliance policy is temporarily unavailable.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

The compliance policy is being edited. Wait until policy is available and retry operation.

- **FQXHMUP3011L The request to get compliance results for the device in slot {0} of Chassis {1} failed.**

Explanation

Unknown internal error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the action. If the problem persists, contact Support.

- **FQXHMUP3012L Update packages were not found in the repository for target device in slot {0} of Chassis {1} while computing compliance result.**

Explanation

Update packages in the assigned compliance policy are missing from the repository.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

check the assigned update packages in the compliance policy exist in the repository and reacquire them if necessary.

- **FQXHMUP3013J The compliance result is incomplete for device in slot {0} of Chassis {1}.**

Explanation

Unable to find update packages corresponding to each component.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

check if updates exist for this component. Also check if the assigned update packages in the compliance policy exist in the repository and reacquire them if necessary.

- **FQXHMUP3017L Failed to get compliance result for rack server {0} with lowestRackunit {1} in {2}.**

Explanation

Compliance failed because compliance policy is temporarily unavailable.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

The compliance policy is being edited. Wait until policy is available and retry operation.

- **FQXHMUP3018L Failed to get compliance result for rack server {0} with lowestRackunit {1} in {2}.**

Explanation

Unknown internal error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the action. If the problem persists, contact Support.

- **FQXHMUP3019L Update packages were not found in the repository for rack server {0} with lowestRackunit {1} in {2} while computing compliance result.**

Explanation

Update packages in the assigned compliance policy are missing from the repository.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

check the assigned update packages in the compliance policy exist in the repository and reacquire them if necessary.

- **FQXHMUP3020J The compliance result is incomplete for rack server {0} with lowestRackunit {1} in {2}.**

Explanation

Unable to find update packages corresponding to each component.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

check if updates exist for this component. Also check if the assigned update packages in the compliance policy exist in the repository and reacquire them if necessary.

- **FQXHMUP3021L The specified policy name is invalid.**

Explanation

The specified policy name {0} for device with UUID {1} is invalid.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the action and make sure the correct policy has been selected.

- **FQXHMUP3022L An unknown error occurred while assigning policy.**

Explanation

An unknown error occurred while assigning policy.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Refresh the inventory, and try the action again.

- **FQXHMUP3023L An unknown error occurred while unassigning policy.**

Explanation

An unknown error occurred while unassigning policy.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Refresh the inventory, and try the action again.

- **FQXHMUP3030I Policy import completed successfully.**

Explanation

Policy import completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP3031I Policy export completed successfully.**

Explanation

Policy export completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP3032F Some files already exist. The files were not imported.**

Explanation

The following policy files already exist on the management server and have been discarded: {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Rename or delete the existing compliance policy in the Compliance Policies page, and retry the import.

- **FQXHMUP3033L Some files are not valid. The files were not imported.**

Explanation

The following files are invalid and have been discarded: {0}.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the contents of files. Ensure that the uploaded files include the correct metadata file.

- **FQXHMUP3034L The policy is currently assigned or predefined.**

Explanation

The policy {0} can not be deleted since it is currently assigned or predefined.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please unassigned policy first before try to delete it.

- **FQXHMUP3100I New compliance data detected. [arg1].**

Explanation

Changes were detected in the inventory.

Arguments

[arg1] Details of the compliance changes

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXHMUP3101J The firmware installed on this system is non-compliant.**

Explanation

Installed firmware on this device does not meet the requirements of the assigned compliance policy.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Update this device to compliant firmware levels.

- **FQXHMUP4000I The command completed successfully.**

Explanation

The command completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4000L The application failed to perform the specified request.**

Explanation

The request could not be serviced because the content given was not valid JSON.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the request, supplying valid JSON content.

- **FQXHMUP4001L The application could not perform the request.**

Explanation

The perform request could not be serviced because the specified action was not provided in the proper format.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the request, specifying a valid action *{updates, UEFI, IMM, DSA, BMU, RXA, RXADMT, RXAINV2, RXAUPDATES, CloseBMU, Sequence, Sequence2}*.

- **FQXHMUP4002L The application could not perform the cancel request.**

Explanation

The cancel request could not be serviced because the specified action was not provided in the proper format.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the request, specifying a valid action {*updates, UEFI, IMM, DSA, BMU, RXA, RXAINV2, RXAUPDATES, CloseBMU, Sequence, Sequence2*}.

- **FQXHMUP4003I Firmware Updates were started on system [arg1] by user [arg2].**

Explanation

Firmware Updates were started on a system.

Arguments

[arg1] x3850 M5

[arg2] The user that performed the update.

Severity

Informational

Serviceable with log**Automatically Notify Support****User Action**

Information only; no action is required.

- **FQXHMUP4003J User ID {0} does not have sufficient permissions for this specific request.**

Explanation

The request from user ID {0} could not be completed because the user does not have the correct permissions to carry it out.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Modify the user's account to augment the user's role.

- **FQXHMUP4004I Firmware Updates were started on management server [arg1] by user [arg2].**

Explanation

Firmware Updates were started on a management server.

Arguments

[arg1] Flex Chassis CMM

[arg2] The user that performed the update.

Severity

Informational

Serviceable with log**Automatically Notify Support****User Action**

Information only; no action is required.

- **FQXHMUP4005I Firmware Updates were started on switch [arg1] by user [arg2].**

Explanation

Firmware Updates were started on a switch.

Arguments

[arg1] Brocade

[arg2] The user that performed the update.

Severity

Informational

Serviceable with log

Automatically Notify Support

User Action

Information only; no action is required.

- **FQXHMUP4006I The firmware was updated on system device [arg1] by user [arg2].**

Explanation

Arguments

[arg1] x3850 M5

[arg2] The user that performed the update.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

- **FQXHMUP4007I The firmware was updated on management server [arg1] by user [arg2].**

Explanation

Arguments

[arg1] Flex Chassis CMM

[arg2] The user that performed the update.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

- **FQXHMUP4008I The firmware was updated on switch device [arg1] by user [arg2].**

Explanation

Arguments

[arg1] Brocade

[arg2] The user that performed the update.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

- **FQXHMUP4009G The device *[arg1]* is currently awaiting user action by user *[arg2]* for Pending Firmware Maintenance Mode.**

Explanation

Arguments

[arg1] The hostname of the device.

[arg2] The user that performed the update.

Severity

Warning

Serviceable with log

Automatically Notify Support

User Action

Restart the device to continue the update process.

- **FQXHMUP4010I PerformAction was started on the selected devices.**

Explanation

PerformAction was started on the selected devices.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4010L PerformAction was not started on the selected devices.**

Explanation

Unknown error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the action. If the problem persists, contact Support.

- **FQXHMUP4011I Firmware Updates were started on the selected devices.**

Explanation

Firmware Updates were started on the selected devices.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4011L The firmware updates process was not started on the selected devices for unknown error.**

Explanation

Unknown internal error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the action. If the problem persists, contact Support.

- **FQXHMUP4012L The firmware updates process was not started on the selected devices because they have no associated update packages.**

Explanation

The following devices have no firmware update packages associated with them:{0}

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the selections and ensure that all selected devices have a policy assigned to them.

- **FQXHMUP4013L The firmware updates process was not started on the selected devices because prerequisites are not met.**

Explanation

The following devices have prerequisites that have not been met:{0}

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Make sure that all selected devices have a policy assigned to them that specifies firmware update packages for any prerequisites.

- **FQXHMUP4014L The firmware updates process was not started on the selected devices because the job cannot be registered.**

Explanation

An internal error occurred while trying to register the jobs.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the firmware update. If the problem persists, contact Support.

- **FQXHMUP4015L The firmware updates process was not started on the selected devices because the job cannot be spawned.**

Explanation

Internal Error: Unable to spawn the task with Core Task Manager.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

This can occur if:

1. The inventory processes are not complete. It could take up to 15 minutes for the processes to complete. Wait and then retry the firmware update.
2. The managed device is no longer managed. Ensure that the device is correctly managed, and then retry the operation.

If the problem persists, contact Support.

- **FQXHMUP4016L The firmware updates process was not started on the selected devices because one or more selected devices are already in use by one or more jobs.**

Explanation

One or more devices are already in use by one or more jobs.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the firmware update after the other jobs are complete.

- **FQXHMUP4017L The firmware updates process was not started on the selected devices because there are no valid devices in the list.**

Explanation

There are no valid devices in the list.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Make sure that the list syntax is valid, and retry the firmware update. If the problem persists, contact Support.

- **FQXHMUP4018L The firmware updates process was not started on the selected devices because the appliance sFTP server address cannot be retrieved.**

Explanation

An internal error occurred obtaining the appliance sFTP server address.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the action. If the problem persists, contact Support.

- **FQXHMUP4019L The firmware updates process was not started on the selected devices because the selected devices are a mix of Real and Demo data types.**

Explanation

The selected devices are a mix of Real and Demo data types.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the selected devices are all either Real or Demo data types, and retry the action.

- **FQXHMUP4020I PerformAction (simulation mode) was started on the selected devices.**

Explanation

PerformAction (simulation mode) was started on the selected devices.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4020L PerformAction (simulation mode) was not started on the selected devices.**

Explanation

Unknown error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the action. If the problem persists, contact Support.

- **FQXHMUP4021I The firmware updates process (simulation mode) were started on the selected devices.**

Explanation

The firmware updates process (simulation mode) were started on the selected devices.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4021L Firmware Updates (simulation mode) were not started on the selected devices for unknown error.**

Explanation

Unknown internal error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the action. If the problem persists, contact Support.

- **FQXHMUP4022L The firmware updates process (simulation mode) were not started on the selected devices because they have no associated update packages.**

Explanation

One or more of the selected devices have no firmware update packages associated with them:{0}

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that all of the selected devices have a policy assigned to them, and retry the operation.

- **FQXHMUP4023L The firmware updates process (simulation mode) were not started on the selected devices because prerequisites are not met.**

Explanation

One or more of the selected devices have prerequisites that have not been met:{0}

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that all of the selected devices have a policy assigned to them that specifies firmware update packages for any prerequisites.

- **FQXHMUP4024L The firmware updates process (simulation mode) was not started on the selected devices because the job cannot be registered.**

Explanation

An internal error occurred while trying to register the jobs.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the firmware update. If the problem persists, contact Support.

- **FQXHMUP4025L The firmware updates process (simulation mode) was not started on the selected devices because the job cannot be spawned.**

Explanation

Internal Error: Unable to spawn the task with Core Task Manager.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

This can occur if:

1. The inventory processes are not complete. It could take up to 15 minutes for the processes to complete. Wait and then retry the firmware update.
2. The managed device is no longer managed. Ensure that the device is correctly managed, and then retry the operation.

If the problem persists, contact Support.

- **FQXHMUP4026L The firmware updates process (simulation mode) was not started on the selected devices because one or more selected devices are already in use by one or more jobs.**

Explanation

One or more of the selected devices are already in use by one or more jobs.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the firmware update after the other jobs are complete.

- **FQXHMUP4027L The firmware updates process (simulation mode) was not started on the selected devices because there are no valid devices in the list.**

Explanation

There are no valid devices in the list.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the list syntax is valid, and retry the firmware update. If the problem persists, contact Support.

- **FQXHMUP4028L The firmware updates process (simulation mode) was not started on the selected devices because the appliance sFTP server address cannot be retrieved.**

Explanation

An internal error occurred obtaining the appliance sFTP server address.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the action. If the problem persists, contact Support.

- **FQXHMUP4029L The firmware updates process (simulation mode) was not started on the selected devices because the selected devices are a mix of Real and Demo data types.**

Explanation

The selected devices are a mix of Real and Demo data types.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the selected devices are all either Real or Demo data types, and retry the action.

- **FQXHMUP4031I The Cancel process was started on the selected devices.**

Explanation

The Cancel process was started on the selected devices.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4031L The Cancel process was not started on the selected devices.**

Explanation

This is usually caused by trying to cancel devices that are not in a submitted job.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the selected devices and try again.

- **FQXHMUP4032I The Cancel process was started on the selected devices.**

Explanation

The Cancel process was started on the selected devices.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4032L The Cancel process was not started on the selected devices.**

Explanation

The following devices are not in a submitted job:{0}

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Deselect the devices that are not in a submitted job, and try again.

- **FQXHMUP4041I PerformAction {0} was started on the selected devices.**

Explanation

PerformAction {0} was started on the selected devices.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4041L PerformAction {0} was not started on the selected devices.**

Explanation

Unknown error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the action. If the problem persists, contact Support.

- **FQXHMUP4042L An error occurred trying to obtain inventory information for the specified device.**

Explanation

This can occur if the device was manually restarted, if connectivity to the device was lost, or some other issue occurred with maintaining the managed data.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the device is still managed and that connectivity to the device exists, and retry the action. If the problem persists, contact Support.

- **FQXHMUP4043L No edge service information was found.**

Explanation

This can occur if no edge service was configured.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Use the Edge Service page to configure an edge service.

- **FQXHMUP4051I The removal of the completed jobs was successful.**

Explanation

The removal of the completed jobs was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4051L An error occurred during the removal of the completed jobs.**

Explanation

Unknown error {0}

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the action. If the problem persists, contact Support.

- **FQXHMUP4052I There are no completed jobs to remove.**

Explanation

There are no completed jobs to remove.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4060L An error occurred while uploading the firmware update to the baseboard management controller.**

Explanation

This might occur if connectivity to the device was lost or some other issue occurred with maintaining the managed data.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Retry the update. If the problem persists, contact Support.

- **FQXHMUP4061L There is not enough free space on the RDOC in the baseboard management controller.**

Explanation
Sufficient space is not available for the firmware update on the remote disk on card (RDOC) of the management controller.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Remove any mounted images in the RDOC of the management controller.

- **FQXHMUP4062L An error occurred while connecting to remote disk on card of the baseboard management controller.**

Explanation
This can occur if connectivity to the device was lost, or some other issue occurred with maintaining the managed data.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Check the connection between the server and Lenovo xClarity Administrator. If the problem persists, contact Support.

- **FQXHMUP4063L The IPMI over KCS Access is disabled in the baseboard management controller.**

Explanation
The IPMI over KCS interface is required for updates

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action

Please enable the IPMI over KCS Access and try again. If the problem persists, contact Support.

- **FQXHMUP4064L The target firmware version is lower than minimum recommended version.**

Explanation

The target firmware version is lower than the supported minimum version.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please update the device to a version equal or greater than the minimum supported version.

- **FQXHMUP4065L The BMC current firmware version is too low and does not support update.**

Explanation

The BMC current firmware version does not support updates through Lenovo XClarity Administrator.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the BMC manually to a version equal or greater than the minimum supported version.

- **FQXHMUP4066L The verification task found that the specified package cannot be applied.**

Explanation

The specified package cannot be applied to the device because its version is lower than the current installed version or the package is corrupted.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the specified package is more recent than the installed version.

- **FQXHMUP4067L The secure boot is enabled on this device.**

Explanation

When the secure boot is enabled on SR645, SR665 and Thinksystem V2, the system will fail to enter Firmware Maintenance Mode.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please disable secure boot and try again. This behavior will be corrected in the future release of XClarity Administrator.

- **FQXHMUP4081F The {0} task was canceled by user.**

Explanation

The task was canceled by a user.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

No action.

- **FQXHMUP4082F The {0} task was canceled by user.**

Explanation

The task was canceled by user {0}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

No action.

- **FQXHMUP4083F The {0} task was canceled by user.**

Explanation

The task was canceled by user {0} at {1}.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

No action.

- **FQXHMUP4084F The {0} task was canceled because the task did not complete successfully and the directive StopOnError was specified for the job.**

Explanation

The task was canceled because task {0} did not complete successfully and the directive StopOnError was specified for the job.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the update again. If the problem persists, contact Support.

- **FQXHMUP4085F The {0} task was canceled because the task did not complete successfully and the directive StopEndpointOnError was specified for the job.**

Explanation

The task was canceled because task {0} did not complete successfully and the directive StopEndpointOnError was specified for the job.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the update again. If the problem persists, contact Support.

- **FQXHMUP4086F The {0} task was canceled because a dependency did not complete successfully.**

Explanation

The task was canceled because the required task {0} that this task depends on did not complete successfully.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the update again. If the problem persists, contact Support.

- **FQXHMUP4087L The {0} task was canceled because the verification task found an issue with the firmware update.**

Explanation

The task was canceled because the verification task found an issue with the firmware update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Correct the issues, or perform the actions that were recommended by the verification task.

- **FQXHMUP4088L An error occurred while preparing the package metadata file.**

Explanation

The xml package is either invalid or missing.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Download or import the firmware package again and retry the update. If the problem persists, contact Support.

- **FQXHMUP4089L An error occurred while preparing the package payload file.**

Explanation

The payload package is either invalid or missing.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Download or import the firmware package again and retry the update. If the problem persists, contact Support.

- **FQXHMUP4091I Update Status was obtained successfully.**

Explanation

Update Status was obtained successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4091L An error occurred while obtaining the Update Status.**

Explanation

Unknown internal error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to obtain the Update Status again.

- **FQXHMUP4092I There are no firmware update tasks currently running.**

Explanation

There are no firmware update tasks currently running.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4093I Update engine settings were obtained successfully.**

Explanation

Update engine settings were obtained successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4093L An error occurred while obtaining the Update engine settings.**

Explanation

Unknown internal error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to obtain the Update engine settings again.

- **FQXHMUP4094I Update engine settings were set successfully.**

Explanation

Update engine settings were set successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4094L An error occurred while setting the Update engine settings.**

Explanation

Unknown internal error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Attempt to set the Update engine settings again.

- **FQXHMUP4095I There were no Update engine settings to set.**

Explanation

There were no Update engine settings to set.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4101I Firmware Updates were started on storage [arg1] by user [arg2].**

Explanation

A user has initiated a firmware update on a storage device.

Arguments

[arg1] x3850 M5

[arg2] The user that performed the update.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4102I The firmware was updated on storage [arg1] by user [arg2].**

Explanation

The firmware update initiated by a user has completed.

Arguments

[arg1] x3850 M5

[arg2] The user that performed the update.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4111L Apply Engine internal error.**

Explanation

{0}

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation.

- **FQXHMUP4151I The firmware update was successful.**

Explanation

The firmware update was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4151L An error occurred while updating the firmware.**

Explanation

An unexpected error interrupted the firmware update process.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the requested operation.

- **FQXHMUP4152I The {0} firmware update was successful.**

Explanation

The {0} firmware update was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4152L An error occurred while updating firmware for the {0}.**

Explanation

{0}

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the requested operation.

- **FQXHMUP4161L An error occurred while updating firmware for the {0}.**

Explanation

Could not prepare the task working directory. This could be caused by a corrupted payload file or by the management server running out of space.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Free up available space by removing unneeded firmware updates from the Repository and/or try replacing the payload file in the Repository and retry the operation.

- **FQXHMUP4162L An error occurred during the firmware update to the {0}.**

Explanation

The payload files for the update did not exist for the device component.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the repository contains the files specified by the Policy, and retry the requested operation.

- **FQXHMUP4163F The firmware update was skipped.**

Explanation

The firmware for this device is already compliant.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

If the firmware update was desired, check the policy and update mode and retry the requested operation.

- **FQXHMUP4163I The firmware update was skipped. The firmware for this device is already compliant.**

Explanation

The firmware update was skipped. The firmware for this device is already compliant.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4164F The firmware update was skipped.**

Explanation

The selection for this device is Do Not Update.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

If the firmware update was desired, check the policy and update mode and retry the requested operation.

- **FQXHMUP4164I The firmware update was skipped. The selection for this device is Do Not Update.**

Explanation

The firmware update was skipped. The selection for this device is Do Not Update.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4165L An error occurred while preparing the temporary work space for the firmware update.**

Explanation

Could not prepare the task working directory. This could be caused by a corrupted payload file, by the management server running out of space, or some other execution error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Try the operation again. If it continues to occur, try freeing up available space by removing unneeded firmware updates from the Repository and/or try replacing the payload file in the Repository and retry the operation.

- **FQXHMUP4167F The firmware update was skipped.**

Explanation

The firmware update was already applied.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

If the firmware update was desired, check the policy and update mode and retry the requested operation.

- **FQXHMUP4167I The firmware update was skipped. The firmware package was already applied.**

Explanation

The firmware update was skipped. The firmware package was already applied.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4168L An error occurred while updating the firmware.**

Explanation

An unexpected error interrupted the firmware update process.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the log file and retry the requested operation.

- **FQXHMUP4169G An error occurred during the restart of the system.**

Explanation

The restart action failed which may prevent applied firmware from being activated.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the system manually.

- **FQXHMUP4205F A Flex System switch in the chassis does not meet the minimum firmware version requirement for the Chassis Management Module update.**

Explanation

If the CMM is updated, the switch firmware cannot be updated using Lenovo XClarity Administrator until the minimum firmware version is installed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Update firmware on the switch before updating the CMM, or select the "Force update" option when updating the CMM to ignore the switch version validation.

- **FQXHMUP4211I The firmware update on the Chassis Management Module was successful.**

Explanation

The firmware update on the Chassis Management Module was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4211L An error occurred while performing the firmware update to the Chassis Management Module.**

Explanation

{0}

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the firmware update again. If the problem persists, contact Support.

- **FQXHMUP4212L A connection error to the CIMOM occurred while performing the firmware update on the Chassis Management Module.**

Explanation

The connection to the CIMOM of the Chassis Management Module failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the Chassis Management Module, and perform the firmware update again.

- **FQXHMUP4213L An error occurred while performing the firmware update on the Chassis Management Module.**

Explanation

An internal function failed during the firmware update of the Chassis Management Module.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the Chassis Management Module, and perform the update again.

- **FQXHMUP4214L A CIMOM operation failed while performing the firmware update on the Chassis Management Module.**

Explanation

A CIMOM operation failed while performing the firmware update to the Chassis Management Module.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the Chassis Management Module, and perform the firmware update again.

- **FQXHMUP4215L An unknown error occurred while performing the firmware update on the Chassis Management Module.**

Explanation

An unknown exception occurred while performing the firmware update on the Chassis Management Module.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the Chassis Management Module, and perform the firmware update again.

- **FQXHMUP4216L An authorization error occurred while performing the firmware update on the Chassis Management Module because the user name was not accepted.**

Explanation

The user name was not accepted by the Chassis Management Module.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the firmware update again. If the problem persists, contact Support.

- **FQXHMUP4217L An authorization error occurred while performing the firmware update on the Chassis Management Module because the password was not accepted.**

Explanation

The password was not accepted by the Chassis Management Module.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the firmware update again. If the problem persists, contact Support.

- **FQXHMUP4218L An error occurred while performing the firmware update on the Chassis Management Module because the specified information was lost.**

Explanation

Could not find the specified information for the Chassis Management Module.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Restart the Chassis Management Module, and perform the firmware update again.

- **FQXHMUP4219L An error occurred while performing the firmware update on the Chassis Management Module.**

Explanation
An invalid parameter was specified for the firmware update of Chassis Management Module.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Perform the firmware update again. If the problem persists, contact Support.

- **FQXHMUP4220L Unable to install the package while performing the firmware update on the Chassis Management Module.**

Explanation
Failed to install the update package.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Perform the firmware update again. If the problem persists, contact Support.

- **FQXHMUP4221L The firmware update process has completed, the results could not be validated.**

Explanation
Unable to communicate with the Chassis Management Module.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Check the device to verify the results of the firmware update process.

- **FQXHMUP4222L An error occurred while performing the firmware update on the Chassis Management Module.**

Explanation

Unable to find the instance for the Chassis Management Module.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the Chassis Management Module and perform the update again.

- **FQXHMUP4305F The Flex System switch in bay {0} does not meet the minimum firmware version {1} requirement for this Chassis Management Module update.**

Explanation

If the CMM is updated, the switch firmware cannot be updated using Lenovo XClarity Administrator.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Update firmware on the switch before updating the CMM, or select the "Force update" option when updating the CMM to ignore the switch version validation.

- **FQXHMUP4306F The Flex switch module in bay {0} does not support the minimum firmware requirement for the Chassis Management Module update.**

Explanation

If the CMM is updated, the switch firmware cannot be updated using Lenovo XClarity Administrator.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Select the "Force update" option when updating the CMM to ignore the switch version validation.

- **FQXHMUP4309F The Flex System switch is powered off.**

Explanation

In order to update the firmware on the switch module, the switch must be powered on.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Power on or restart the switch and perform the firmware update again.

- **FQXHMUP4310F The Flex System switch did not pass the verification step for firmware update.**

Explanation

The Flex System switch failed the EHCM verification test. This might happen if the switch or CMM does not support the EHCM.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the switch or CMM, and perform the firmware update again. If the problem persists, contact Support.

- **FQXHMUP4310I The Flex System switch passed the verification step for firmware update.**

Explanation

The Flex System switch passed the verification step for firmware update.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4311I The firmware update on the Flex System switch was successful.**

Explanation

The firmware update on the Flex System switch was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4311L The firmware update on the Flex System switch failed.**

Explanation

{0}

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the update again. If the problem persists, contact Support.

- **FQXHMUP4312L A connection error occurred while performing the firmware update on the Flex System switch.**

Explanation

The connection to the CIMOM of the Flex System switch failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the Flex System switch, and perform the firmware update again.

- **FQXHMUP4313L An installation error occurred while performing the firmware update on the Flex System switch.**

Explanation

The installation of firmware on the Flex System switch failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the Flex System switch, and perform the firmware update again. If the problem persists, contact Support.

- **FQXHMUP4314L An activation error occurred while performing the firmware update on the Flex System switch.**

Explanation

The activation of the firmware on the Flex System switch failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the Flex System switch, and perform the firmware update again. If the problem persists, contact Support.

- **FQXHMUP4315L A restart error occurred while performing the firmware update on the Flex System switch.**

Explanation

The firmware update failed during the restart phase.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the Flex System switch manually, and verify that the new firmware is active.

- **FQXHMUP4316L An authorization error occurred while performing the firmware update on the Flex System switch because the user name was not accepted.**

Explanation

The username was not accepted by the CMM.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

perform the update again. If the problem persists, contact Support.

- **FQXHMUP4317L An authorization error occurred while performing the firmware update to the Flex System switch because the password was not accepted.**

Explanation

The password was not accepted by the CMM.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the firmware update again. If the problem persists, contact Support.

- **FQXHMUP4318L An unknown error occurred while performing the firmware update to the Flex System switch.**

Explanation

An unknown error occurred during the firmware update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the firmware update again. If the problem persists, contact Support.

- **FQXHMUP4319L An unknown error with URL occurred while performing the firmware update to the Flex System switch.**

Explanation

An unknown error with the URL occurred during the firmware update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the firmware update again. If the problem persists, contact Support.

- **FQXHMUP4320L A DCSS timeout error occurred while performing the firmware update to the Flex System switch.**

Explanation

A DCSS timeout error might occur if the Flex System switch is not reachable on the network from Lenovo XClarity Administrator.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the following actions in this order. After each step, try updating the firmware again. 1.) Ensure that the switch has a valid IP address and is reachable on the network from Lenovo XClarity Administrator. 2.) Reset the switch. 3.) Reset/reboot the CMM.

- **FQXHMUP4321L A DCSS error occurred while performing the firmware update on the Flex System switch.**

Explanation

A DCSS failure-to-receive error was encountered during the update. This error might occur if the Flex System switch is not reachable on the network from Lenovo XClarity Administrator.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the following actions in this order. After each step, try updating the firmware again. 1.) Ensure that the switch has a valid IP address and is reachable on the network from Lenovo XClarity Administrator. 2.) Reset the switch. 3.) Reset/reboot the CMM.

- **FQXHMUP4322L A fingerprint mismatched error occurred while performing the firmware update on the Flex System switch.**

Explanation

A fingerprint mismatched error was encountered during the update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the device is accessible on the network, and perform the firmware update again.

- **FQXHMUP4323L The firmware download operation error while performing the firmware update on the Flex System switch.**

Explanation

The firmware failed to download for the Flex System switch.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the Flex System switch directly from the CMM web interface or CLI.

- **FQXHMUP4324L DCSS_RC_CDT_FAIL error occurred while performing the firmware update on the Flex System switch.**

Explanation

The Flex System switch might be powered off or experiencing some other communication problem.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform following actions in this order. After each step, try updating the firmware again. 1. Ensure that the switch is powered on. 2. Ensure that the switch has a valid IP address. 3. Reset the switch. 4. Reset/reboot the CMM.

- **FQXHMUP4325L The host key authentication failed while performing the firmware update on the Flex System switch.**

Explanation

The Flex System switch might be powered off or experiencing some other communication problem.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

See Lenovo XClarity Administrator documentation for steps to run the 'clear ssh-clienthostkey all' command from the switch CLI.

- **FQXHMUP4326L The host could not be contacted during the firmware update on the Flex System switch.**

Explanation

The Flex System switch might be powered off or experiencing some other communication problem.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the following actions in this order. After each step, try updating the firmware again. 1.) Ensure that the switch has a valid IP address and is reachable on the network from Lenovo XClarity Administrator. 2.) Reset the switch. 3.) Reset/reboot the CMM.

- **FQXHMUP4327L A flash error occurred while performing the firmware update on the Flex System switch.**

Explanation

The firmware update process completed with an error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the firmware update again. If the problem persists, contact Support.

- **FQXHMUP4328L A firmware update timeout occurred while performing the firmware update on the Flex System switch.**

Explanation

The firmware update process exceeded a timeout.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the firmware update again. If the problem persists, contact Support.

- **FQXHMUP4329L The firmware update did not complete.**

Explanation

The firmware update process completed without verifying the update process was complete.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the firmware update again. If the problem persists, contact Support.

- **FQXHMUP4330L Another firmware update is in progress.**

Explanation

The firmware update process encountered another firmware update in progress.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the firmware update at a later time.

- **FQXHMUP4331L Access was denied by the Flex System switch.**

Explanation

The firmware update process was denied access by the CIM of the Flex System switch.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the Flex System switch, and perform the firmware update again.

- **FQXHMUP4332L A prerequisite was not met for the Flex System switch update.**

Explanation

The firmware update process requires an active CIM interface on the Flex System switch.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Use another method to update the firmware for this Flex System switch.

- **FQXHMUP4333L An invalid namespace error occurred while performing the firmware update on the Flex System switch.**

Explanation

The connection to the CIM of the Flex System switch failed due to an invalid namespace.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the Flex System switch, and perform the firmware update again. If the problem persists, contact Support.

- **FQXHMUP4334L An invalid parameter error occurred while performing the firmware update to the Flex System switch.**

Explanation

The connection to the CIM of the Flex System switch failed due to an invalid parameter.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the Flex System switch and perform the firmware update again. If the problem persists, contact Support.

- **FQXHMUP4335L A CIM connection error was detected while performing the firmware update on the Flex System switch.**

Explanation

A connection to the CIM of the Flex System switch was interrupted.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the Flex System switch, and perform the firmware update again. If the problem persists, contact Support.

- **FQXHMUP4336L A prerequisite was not met for the Flex System switch update.**

Explanation

The firmware update process requires an active CIM interface on the Flex System switch.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Use another method to update the firmware for this Flex System switch.

- **FQXHMUP4337L A prerequisite was not met for the Flex System switch update.**

Explanation

The firmware update process requires an active CIM interface on the Flex System switch.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Use another method to update the firmware for this Flex System switch.

- **FQXHMUP4338L A CIM error was detected while performing the firmware update to the Flex System switch.**

Explanation

The firmware update process requires an active CIM interface on the Flex System switch.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the Flex System switch, and perform the firmware update again.

- **FQXHMUP4339L An installation error occurred while performing the firmware update to the Flex System switch.**

Explanation

The firmware update process failed to upload the firmware package file to the Flex System switch.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the Flex System switch, and perform the firmware update again. If the problem persists, contact Support.

- **FQXHMUP4380L The firmware update to the Flex System switch failed, indicating an error with the message "Firmware download operation failed".**

Explanation

This might occur on EN4023 and FC5022 switches if you are attempting to perform a disruptive update that requires skipping an earlier firmware-update version and jumping directly to the latest.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the Flex System switch directly from the CMM web interface or CLI.

- **FQXHMUP4381L The firmware update to the Flex System switch failed, indicating an error with the message "DCSS_RC_CDT_FAIL."**

Explanation

The Flex System switch might be powered off or might be experiencing a communication problem.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform following actions in this order. After each step, try updating the firmware again. 1. Ensure that the switch is powered on. 2. Ensure that the switch has a valid IP address. 3. Reset the switch. 4. Reset/reboot the CMM.

- **FQXHMUP4382L The firmware update to the Flex System switch failed, indicating an error with the message "time out."**

Explanation

This might occur if the IP address of switch is not reachable on the network from Lenovo XClarity Administrator.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the following actions in this order. After each step, try updating the firmware again. 1.) Ensure that the switch has a valid IP address and is reachable on the network from Lenovo XClarity Administrator. 2.) Reset the switch. 3.) Reset/reboot the CMM.

- **FQXHMUP4383L The firmware update to the Flex System switch failed, indicating an error with the message "Cannot download the same firmware version. Download another firmware."**

Explanation

This might occur if you are attempting to update the EN4023 switch to the same level.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

The EN4023 switch does not allow updating firmware to the same level that is currently running.

- **FQXHMUP4384L The firmware update to the Flex System switch failed, indicating an error with the message of failed to contact host.**

Explanation

This might occur if the IP address of Flex System switch is not reachable on the network from Lenovo XClarity Administrator.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the following actions in this order. After each step, try updating the firmware again. 1.) Ensure that the switch has a valid IP address and is reachable on the network from Lenovo XClarity Administrator. 2.) Reset the switch. 3.) Reset/reboot the CMM.

- **FQXHMUP4385L The firmware update to the Flex System switch failed, indicating an error with the message "file does not exist."**

Explanation

This might occur if the IP address of Flex System switch is not reachable on the network from Lenovo XClarity Administrator.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the following actions in this order. After each step, try updating the firmware again. 1.) Ensure that the switch has a valid IP address and is reachable on the network from Lenovo XClarity Administrator. 2.) Reset the switch. 3.) Reset/reboot the CMM.

- **FQXHMUP4386L Firmware update to the Flex System switch failed, indicating an error with the message of "flashing ended with failure."**

Explanation

This might occur if the IP address of switch is not reachable on the network from Lenovo XClarity Administrator.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the following actions in this order. After each step, try updating the firmware again. 1.) Ensure that the Flex switch has a valid IP address and is reachable on the network from Lenovo XClarity Administrator. 2.) Reset the switch. 3.) Reset/reboot the CMM.

- **FQXHMUP4387L The firmware update to the Flex System switch failed, indicating an error with the message "Not enough disk space."**

Explanation

This might occur if there is not enough disk space on the switch.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

See the Lenovo XClarity Administrator documentation for steps to free up sufficient disk space.

- **FQXHMUP4388L The firmware update to Flex switch failed, indicating an error with the message "Firmware image fails data integrity".**

Explanation

This might occur during an update to the Lenovo Flex System EN4091 Flex switch.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform a virtual reseal of the Flex System switch, and try updating the firmware again.

- **FQXHMUP4389L The firmware update to the Flex System switch failed, indicating an error with the message of "Host Key Authentication failed."**

Explanation

This error can occur if you have already updated firmware on a Flex System switch, and then you install another later version of Lenovo XClarity Administrator or reboot Lenovo XClarity Administrator and subsequently attempt to update the switch.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

See Lenovo XClarity Administrator documentation for steps to run the 'clear ssh-clienthostkey all' command from the switch CLI.

- **FQXHMUP4410I The device firmware updates were successful.**

Explanation

The device firmware updates were successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4411I The primary management-controller firmware update was successful.**

Explanation

The primary management-controller firmware update was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4411L An error occurred while performing the firmware update to the primary management controller.**

Explanation

{0}

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the update again. If the problem persists, contact Support.

- **FQXHMUP4412I The backup management-controller firmware update was successful.**

Explanation

The backup management-controller firmware update was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4412L An error occurred while performing the firmware update to the backup management controller.**

Explanation

{0}

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the update again. If the problem persists, contact Support.

- **FQXHMUP4413I The primary management-controller restart was successful.**

Explanation

The primary management-controller restart was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4413L An error occurred while restarting the primary management controller.**

Explanation

{0}

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the restart again. If the problem persists, contact Support.

- **FQXHMUP4421I The preboot Diagnostics firmware update was successful.**

Explanation

The preboot Diagnostics firmware update was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4421L An error occurred while performing the firmware update to the preboot Diagnostics.**

Explanation

{0}

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the update again. If the problem persists, contact Support.

- **FQXHMUP4431I The Primary uEFI firmware update was successful.**

Explanation

The Primary uEFI firmware update was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4431L An error occurred while performing the firmware update to the Primary uEFI.**

Explanation

{0}

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the update again. If the problem persists, contact Support.

- **FQXHMUP4432I The Backup uEFI firmware update was successful.**

Explanation

The Backup uEFI firmware update was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4432L An error occurred while performing the firmware update to the Backup uEFI.**

Explanation

{0}

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the update again. If the problem persists, contact Support.

- **FQXHMUP4433I The PSU firmware update was successful.**

Explanation

The PSU firmware update was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4433L An error occurred while performing the firmware update to the PSU.**

Explanation

{0}

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the update again. If the problem persists, contact Support.

- **FQXHMUP4434L An error occurred while performing the firmware update. There is an error with the update command line arguments.**

Explanation

There is an error with the update command line arguments.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

If the problem persists, contact Support.

- **FQXHMUP4435L An error occurred while performing the firmware update with the specified firmware update package.**

Explanation

The specified package is corrupted.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the firmware update with a different package.

- **FQXHMUP4436L An error occurred with the LAN-over-USB device while performing the firmware update.**

Explanation

The LAN-over-USB device is required for the firmware update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the LAN-over-USB device, and perform the firmware update again

- **FQXHMUP4437L The LAN-over-USB driver is not installed on the device.**

Explanation

The LAN-over-USB device is required for the firmware update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Install the LAN-over-USB driver, and perform the firmware update again.

- **FQXHMUP4438L The LAN-over-USB device number is unexpected.**

Explanation

The LAN-over-USB device is required for the firmware update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the scalable complex is configured correctly.

- **FQXHMUP4439L Failed to connect to the server.**

Explanation

Unable to ping the server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the network connection, and perform the operation again.

- **FQXHMUP4440L A configuration error was detected on the scalable complex while performing the firmware update.**

Explanation

The scalable complex is not configured correctly for firmware updates.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the documentation for supported scalable complex configurations for firmware updates.

- **FQXHMUP4441L A connection error was detected while performing the firmware update.**

Explanation

There was an IPMI connection link error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check that the network connection for the management controller is reachable by Lenovo XClarity Administrator.

- **FQXHMUP4442L An authentication error was detected while performing the firmware update.**

Explanation

The Lenovo XClarity Administrator user account was unable to connect to the device.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the provided credentials can access the device, and perform the firmware update again.

- **FQXHMUP4443L A transaction error was detected while performing the firmware update.**

Explanation

A transaction error occurred during the firmware update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the management controller, and perform the firmware update again.

- **FQXHMUP4444L An unexpected connection error was detected while performing the firmware update.**

Explanation

An unexpected connection error to the management controller occurred during the firmware update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4445L No IPMI driver was detected on the device.**

Explanation

The IPMI driver is required for the firmware update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Install the IPMI driver, and and perform the firmware update again..

- **FQXHMUP4446L The validation phase of the firmware update process failed.**

Explanation

An unexpected error occurred during the validation phase after applying the firmware update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the device to verify the firmware update.

- **FQXHMUP4447L There was an unexpected error during this operation.**

Explanation

A user option conflicts with a management-controller setting.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the firmware update again.

- **FQXHMUP4448L There is another update in progress on this device.**

Explanation

Only one update can be in progress on this device.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the firmware update again at a later time.

- **FQXHMUP4449L A busy error was detected on the management controller during the firmware update.**

Explanation

The management controller is not responding.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4450L The UEFI update requires an operating system boot.**

Explanation

The UEFI update requires an operating system boot.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the operating system to complete the UEFI update.

- **FQXHMUP4451L Unable to determine the management-controller status while performing the firmware update.**

Explanation

The management controller is in an unknown status.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4452L The management controller reported an abnormal status while performing the firmware update.**

Explanation

The management controller is in an abnormal state.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4453L The management controller reported an abnormal status while performing the firmware update.**

Explanation

The management controller is in an abnormal state.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4454L The firmware update was interrupted.**

Explanation

A user canceled the firmware update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the firmware update at a later time.

- **FQXHMUP4455L The firmware update was interrupted.**

Explanation

A user canceled the firmware update with a interrupt signal.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the firmware update at a later time.

- **FQXHMUP4456L The firmware update was aborted.**

Explanation

The firmware update was aborted by the device.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the firmware update at a later time.

- **FQXHMUP4457L Unable to connect to the file server.**

Explanation

The firmware update failed because it was unable to access the FTP port.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the FTP port.

- **FQXHMUP4458L A timeout error was encountered during the firmware update.**

Explanation

The package transfer timed out during the firmware update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the firmware update later.

- **FQXHMUP4459L Sufficient space is not available on the management controller for the firmware update.**

Explanation

Sufficient space is not available on the management controller for the firmware update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4460L The target firmware-update package is not valid for this device. The firmware does not match this device.**

Explanation

The build id did not match this device.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Select a different package for this device.

- **FQXHMUP4461L The target firmware-update package is not valid for this device. The security authentication failed.**

Explanation

The security authentication failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Select a different package for this device.

- **FQXHMUP4462L The target firmware-update package is corrupted.**

Explanation

The firmware image file is corrupted.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Select a different package for this device.

- **FQXHMUP4463L The connection was lost while performing the firmware update.**

Explanation

Unable to determine the status of package upload.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4464L An error occurred while performing the firmware update. The firmware transfer progress was interrupted.**

Explanation

The firmware transfer progress was interrupted.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4465L An error occurred while performing the firmware update. The management controller reported an abnormal status for the package upload.**

Explanation

The management controller reported an abnormal status for the package upload.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4466L An error occurred while performing the firmware update.**

Explanation

The management controller is in an abnormal state.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4467L An error occurred while performing the firmware update. There is a package build/version mismatch.**

Explanation

There is a package build/version mismatch.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Select a different package for update.

- **FQXHMUP4468L An error occurred while performing the firmware update. The firmware update cannot be applied because the firmware image is already in use.**

Explanation

Unable to apply the update because the firmware image is already in use.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Use the force option.

- **FQXHMUP4469L An error occurred while performing the firmware update. An SPI ROM access error was encountered during the update.**

Explanation

Encountered an SPI ROM access error during the update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4471L An error occurred while performing the firmware update. The connection was lost during the update.**

Explanation

The connection was lost during the update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4472L An error occurred while performing the firmware update. The management controller did not report a change in the update progress.**

Explanation

The management controller did not report a change in the update progress.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4473L An error occurred while performing the firmware update. The management controller reported an abnormal status during the update.**

Explanation

The management controller reported an abnormal status during the update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4474L An error occurred while performing the firmware update. The firmware cannot be updated for an unknown reason.**

Explanation

Unable to update the firmware for an unknown reason.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4475L An error occurred while performing the firmware update. The updated firmware cannot be activated.**

Explanation

Unable to activate the updated firmware.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

The firmware update was completed successfully but the device needs to be restarted in order to active it.

- **FQXHMUP4476L An error occurred while performing the firmware update. The new version is mismatched.**

Explanation

The new version is mismatched. The firmware update was completed successfully, but the device needs to be restarted to activate the firmware.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the device.

- **FQXHMUP4477L An error occurred while performing the firmware update. The management controller did not respond in the allocated time after a restart.**

Explanation

The management controller did not respond in allocated time after a restart.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the management controller, and perform the firmware update again if necessary.

- **FQXHMUP4478L An unknown error occurred while performing the firmware update.**

Explanation

An unknown issue occurred while performing the firmware update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4511I The start of maintenance mode on the device was successful.**

Explanation

The start of maintenance mode on the device was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4511L An unknown error occurred while attempting to start the device in maintenance mode.**

Explanation

The management controller did not respond to the CIM commands.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the firmware update again.

- **FQXHMUP4512L An error occurred while attempting to start the device in maintenance mode because the management controller does not support BMU.**

Explanation

The management controller does not support Bare Metal Updates to the selected version.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the management-controller firmware to a newer version that supports Bare Metal Update operations, and retry the update.

- **FQXHMUP4513L An error occurred while attempting to start the device in maintenance mode because the preboot Diagnostics does not support BMU.**

Explanation

The preboot Diagnostics does not support Bare Metal Updates.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the preboot Diagnostics firmware to a newer version that supports Bare Metal Update operations, and retry the update.

- **FQXHMUP4514L An error occurred while attempting to start the device in maintenance mode. The management controller did not respond to the CIM commands.**

Explanation

The management controller did not respond to the CIM commands.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the management controller is operational on the device, or try restarting the management controller. Then retry the update.

- **FQXHMUP4521I The close of the maintenance mode operating system was successful.**

Explanation

The close of the maintenance mode operating system was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4521L An error occurred while attempting to complete close maintenance mode on the device.**

Explanation

WBEMCli exception.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the update again.

- **FQXHMUP4522L An unknown error occurred while attempting to complete close maintenance mode on the device.**

Explanation

{0}

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the update again.

- **FQXHMUP4531I The device restart was successful.**

Explanation

The device restart was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4531L An unknown error occurred while attempting to restart the device.**

Explanation

The device may not have been in the correct state for the restart.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Either restart the device manually or perform the firmware update again. If the problem persists, call customer support.

- **FQXHMUP4532L An error occurred while attempting to restart the device because the management controller does not support BMU updates.**

Explanation

The management controller does not support Bare Metal Updates.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the management-controller firmware to a newer version that supports Bare Metal Update operations, and retry the update.

- **FQXHMUP4533L An error occurred while attempting to restart the device because the preboot Diagnostics does not support BMU updates.**

Explanation

The preboot Diagnostics does not support Bare Metal Updates.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the preboot Diagnostics firmware to a newer version that supports Bare Metal Update operations, and retry the update.

- **FQXHMUP4534L An error occurred while attempting to restart the device. The management controller did not respond to the CIM commands.**

Explanation

The management controller did not respond to the CIM commands.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the management controller is operational on the device, or try restarting the management controller. Then retry the update.

- **FQXHMUP4535I The device restart was not needed.**

Explanation

The device restart was not needed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4536L An error occurred while attempting to restart the device. The Virtual Reseat was unsuccessful.**

Explanation

The Virtual Reseat was unsuccessful.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Either restart the device manually or perform the firmware update again. If the problem persists, call customer support.

- **FQXHMUP4537L An error occurred while attempting to restart the device. The device did not respond to the Agentless trigger.**

Explanation

The device did not respond to the Agentless trigger. The firmware update levels reported by the management controller might not be accurate.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Either restart the device manually or perform the firmware update again. If the problem persists, call customer support.

- **FQXHMUP4538L An error occurred while attempting to restart the device. The device failed to respond to the power control CIM calls.**

Explanation

The device failed to respond to the power control CIM calls.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Either restart the device manually or perform the firmware update again. If the problem persists, call customer support.

- **FQXHMUP4539G An unknown error occurred while attempting to finalize the device update process.**

Explanation

The device may not have been in the correct state for Lenovo XClarity Administrator.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Either restart Lenovo XClarity Administrator manually or perform the firmware update again. If the problem persists, call customer support.

- **FQXHMUP4539I The final action for device updates is complete.**

Explanation

The final action for device updates is complete.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4541I The prerequisites task was successful.**

Explanation

The prerequisites task was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4541L An unknown error occurred while attempting to perform the prerequisites on the device.**

Explanation

The device may not have been in the correct state for the prerequisites.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform the firmware update again. If the problem persists, call customer support.

- **FQXHMUP4545I The verification task was successful.**

Explanation

The verification task was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4545L The device is not ready for an update.**

Explanation

The device did not pass verification for firmware updates.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Correct the issues that were discovered by the verification task.

- **FQXHMUP4546L The device did not meet the minimum version of UEFI firmware.**

Explanation

At a minimum, the device requires UEFI firmware version 1.2.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the UEFI firmware to version 1.2.

- **FQXHMUP4547G User {0} does not have sufficient permissions to perform firmware updates to the device.**

Explanation

User was not found in the role group for the device.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Modify the user's account to augment the user's role.

- **FQXHMUP4548L Prerequisite firmware checks did not pass for this device.**

Explanation

Either a prerequisite firmware update needs to be performed, or the prerequisite firmware update is not present in the repository. See the logs below for a list of prerequisites.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the prerequisite firmware updates are downloaded or imported into the repository. If the firmware updates are in the repository, apply the prerequisite firmware to the device, and then retry this update. If the prerequisite firmware is not available, select the "Force Update" option when applying an update to bypass the prerequisite firmware requirements.

- **FQXHMUP4549G User {0} does not have sufficient permissions to perform power action to the device.**

Explanation

User was not found in the role group for the device.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Modify the user's account to augment the user's role.

- **FQXHMUP4564L A CIM error occurred while performing the firmware update.**

Explanation

Failed to connect to the CIM server of the device.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4565L A CIM command error occurred while performing the firmware update.**

Explanation
Failed to run CIM commands to the CIM server of the device.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Restart the management controller, and perform the firmware update again.
- **FQXHMUP4566L A CIM execution error occurred while performing the firmware update.**

Explanation
Failed to execute CIM commands to the CIM server of the device.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Restart the management controller, and perform the firmware update again.
- **FQXHMUP4567L A download error occurred while performing the firmware update.**

Explanation
Failed to download the package for the device.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Restart the management controller, and perform the firmware update again.
- **FQXHMUP4568L A timeout error occurred while performing the firmware update.**

Explanation
Failed to update the device in the time allowed for the update.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Restart the management controller, and perform the firmware update again.

- **FQXHMUP4569L A management controller app connection error occurred while performing the firmware update.**

Explanation

The management controller app connection failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4570L A management controller app parameter error occurred while performing the firmware update.**

Explanation

The management controller app parameter is out of range.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4571L An error occurred while performing the firmware update. The sensor, data, or record that was requested by the management controller is not present.**

Explanation

The sensor, data, or record that was requested by the management controller is not present.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update again.

- **FQXHMUP4572L A busy error occurred while performing the firmware update.**

Explanation

The management controller app device is busy.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller, and perform the firmware update at a later time.

- **FQXHMUP4573L An unknown error occurred while performing the firmware update. The management controller encountered an unknown error.**

Explanation

The management controller app encountered an unknown error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the management controller and retry the update later.

- **FQXHMUP4582L An authentication error occurred while performing the firmware update. The remote device (management controller or CMM) cannot be authenticated.**

Explanation

Unable to authenticate with the remote device (management controller or CMM).

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the device (management controller or CMM), and perform the firmware update again later.

- **FQXHMUP4583L An authentication error occurred while performing the firmware update. The CIM authentication failed.**

Explanation

The CIM authentication failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that Lenovo XClarity Administrator can communicate with the device, and perform the firmware again.

- **FQXHMUP4584L A CIM instance error occurred while performing the firmware update.**

Explanation

The CIM instance is zero of a given class.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the device, and perform the firmware update again.

- **FQXHMUP4585L A CIM property error occurred while performing the firmware update.**

Explanation

The CIM property is zero of a given class.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the device, and perform the firmware update again.

- **FQXHMUP4586L A CIM enumeration error occurred while performing the firmware update.**

Explanation

The CIM enumeration instance failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the device, and perform the firmware update again.

- **FQXHMUP4587L A CIM provider error occurred while performing the firmware update.**

Explanation

The CIM provider is not ready.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the device, and perform the firmware update again.

- **FQXHMUP4588L A CIM execution error occurred while performing the firmware update.**

Explanation

An execution error with the CIM occurred while performing the firmware update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the device, and perform the firmware update again.

- **FQXHMUP4589L A CIM logical error occurred while performing the firmware update.**

Explanation

A logical error with the CIM occurred while performing the firmware update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the device and retry the update.

- **FQXHMUP4590L A CIM reboot failure occurred while performing the firmware update.**

Explanation

A reboot failure with the CIM occurred while performing the firmware update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart the device and retry the update.

- **FQXHMUP4591L A CIM connection timeout occurred while performing the firmware update.**

Explanation

The device is not available.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the server is online.

- **FQXHMUP4592L A CIM preconfiguration error occurred while performing the firmware update. The device is not available.**

Explanation

The device is not available.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the server is online.

- **FQXHMUP4593L A CIM preconfiguration error occurred while performing the firmware update. Unable to turn on the ESXi SSH.**

Explanation

Unable to turn on the ESXi SSH.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the server is online.

- **FQXHMUP4594L A CIM preconfiguration error occurred while performing the firmware update. SFCB Reboot cannot be disabled.**

Explanation

Failed to disable SFCB Reboot.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the server is online.

- **FQXHMUP4595L A CIM flash error occurred while attempting to perform an update on the target system.**

Explanation

An error occurred while trying to update the target system. See the flash error details for more information.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation after restarting the baseboard management controller. If the problem persists, contact Support.

- **FQXHMUP4611L An error occurred while attempting to prepare the device for firmware updates. The embedded Maintenance Mode image is not compatible with this product.**

Explanation

The embedded Maintenance Mode image is not compatible with this product.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Contact Support for a new version of this product that is compatible with the embedded Maintenance Mode image.

- **FQXHMUP4612L An error occurred while attempting to prepare the device for firmware updates. The network connection cannot be established.**

Explanation

The network connection could not be established.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the network connections can be established and retry the operation.

- **FQXHMUP4701I The preparation for the inband components was successful.**

Explanation

The preparation for the inband components was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4701L An error occurred while preparing for the inband components.**

Explanation

An error occurred while preparing for the inband components.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation. If the problem persists, contact Support.

- **FQXHMUP4702L An error occurred while connecting to the device.**

Explanation

The network connection could not be established with the device.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation. If the problem persists, contact Support.

- **FQXHMUP4703L An internal error occurred while performing firmware updates to the inband components.**

Explanation

The credentials were not accepted by the device. Service data captured in the FFDC logs.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation. If the problem persists, contact Support.

- **FQXHMUP4704L An unknown error occurred while performing firmware updates to the inband components.**

Explanation

Examine the FFDC logs for the firmware update job to determine the nature of the failure.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation. If the problem persists, contact Support.

- **FQXHMUP4705L A firmware update timeout occurred while performing the firmware update.**

Explanation

The update attempt exceeded the maximum allotted time and was canceled.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the device and perform the firmware update again. If the problem persists, contact Support.

- **FQXHMUP4706L An undetected error occurred during the firmware update.**

Explanation

The reason for the failure is unknown.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation. If the problem persists, contact Support.

- **FQXHMUP4707I The close of the inband components session was successful.**

Explanation

The close of the inband components session was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4707L An error occurred while closing the inband components session.**

Explanation

An error occurred while closing the inband components session.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation. If the problem persists, contact Support.

- **FQXHMUP4708F An error occurred while connecting to the device.**

Explanation

The firmware update was successful, but the network connection could not be re-established with the device after the firmware update.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation. If the problem persists, contact Support.

- **FQXHMUP4709I The {0} inband component firmware update was successful.**

Explanation

The {0} inband component firmware update was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4709L An error occurred while performing firmware update to the {0} inband component.**

Explanation

{0}

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation. If the problem persists, contact Support.

- **FQXHMUP4711F A warning occurred performing the firmware update on the {0} inband component.**

Explanation

The hardware this firmware update package is intended for was not present.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

If this is not expected, then ensure that the hardware is present and enabled and retry the firmware update. If the problem persists, contact Support.

- **FQXHMUP4712L An error occurred performing the firmware update on the {0} inband component.**

Explanation

The maintenance mode operating system does not have the required device drivers for this package.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the preboot DSA is updated to the latest and retry the firmware update. If the problem persists, contact Support.

- **FQXHMUP4713L An error occurred while performing firmware update to the {0} inband component.**

Explanation

The network connection could not be established with the device.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation. If the problem persists, contact Support.

- **FQXHMUP4714L An internal error occurred while performing firmware updates to the inband components.**

Explanation

The network connection could not be established with the device. The credentials were not accepted.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operation. If the problem persists, contact Support.

- **FQXHMUP4715L An unclean maintenance-mode operation was found on this system.**

Explanation

Cleaning the current maintenance-mode operation might restart the target server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation using immediate-activation mode.

- **FQXHMUP4800I The firmware update was successful.**

Explanation

The firmware update was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4801L An error occurred performing the firmware update. LXCE indicated that the command line was not valid.**

Explanation

The Lenovo XClarity Essentials update utility indicated that the command line was invalid.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4802L An error occurred performing the firmware update. LXCE indicated a generic failure.**

Explanation

The Lenovo XClarity Essentials update utility indicated a generic failure.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4803L An error occurred performing the firmware update. LXCE indicated a generic acquire failure.**

Explanation

The Lenovo XClarity Essentials update utility indicated a generic acquire failure.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4804L An error occurred performing the firmware update. LXCE indicated a generic scan failure.**

Explanation

The Lenovo XClarity Essentials update utility indicated a generic scan failure.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4805L An error occurred performing the firmware update. LXCE indicated a generic query failure.**

Explanation

The Lenovo XClarity Essentials update utility indicated a generic query failure.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4806L An error occurred performing the firmware update. LXCE indicated a generic comparison failure.**

Explanation

The Lenovo XClarity Essentials update utility indicated a generic comparison failure.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4807L An error occurred performing the firmware update. LXCE indicated a generic update failure.**

Explanation

The Lenovo XClarity Essentials update utility indicated a generic update failure.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4808L An error occurred performing the firmware update. LXCE indicated that the ESXi host is unsupported.**

Explanation

The Lenovo XClarity Essentials update utility indicated that the ESXi host is unsupported.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Only IBM-customized ESXi is supported. Confirm that the ESXi is supported and, if so, then retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4809L An error occurred trying to contact the IBM update repository.**

Explanation

The Lenovo XClarity Essentials update utility indicated that it was unable to connect to the IBM update repository.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4810L An error occurred trying to acquire the update package. LXCE indicated that there are no applicable updates available for the specified machine type or operating system.**

Explanation

The Lenovo XClarity Essentials update utility indicated that there are no applicable updates available for the specified machine type or operating system.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4811L An error occurred trying to acquire the update package. LXCE indicated that the acquisition failed.**

Explanation

The Lenovo XClarity Essentials update utility indicated that the acquisition failed. The content was not found in the repository.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the specified content exists in the repository and retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4812L An error occurred trying to acquire the update package. LXCE indicated that there was an error writing to the file or directory.**

Explanation

The Lenovo XClarity Essentials update utility indicated that there was an error writing to the file or directory.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4813L An error occurred trying to acquire the update package. LXCE indicated that it was unable to get the machine type or operating system information.**

Explanation

The Lenovo XClarity Essentials update utility indicated that it was unable to get the machine type or operating system information.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4814L An error occurred trying to acquire or apply the update package. LXCE indicated that the pack meta data file is not valid or not found.**

Explanation

The Lenovo XClarity Essentials update utility indicated that the pack meta data file is invalid or not found.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4815L An error occurred trying to query or compare the device. LXCE indicated that the machine type is not valid or unsupported.**

Explanation

The Lenovo XClarity Essentials update utility indicated that the machine type is invalid or unsupported.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4816L An error occurred trying to query or compare the device. LXCE indicated that the operating system is not valid or unsupported.**

Explanation

The Lenovo XClarity Essentials update utility indicated that the operating system is invalid or unsupported.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4817L An error occurred trying to apply the update package. LXCE indicated that no package was specified for the flash.**

Explanation

The Lenovo XClarity Essentials update utility indicated that no package was specified for the flash.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4818L An error occurred trying to apply the update package. LXCE indicated that it is unable to authenticate with the device.**

Explanation

The Lenovo XClarity Essentials update utility indicated that it is unable to authenticate with the device.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the credentials are correct, and retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4819L An error occurred trying to apply the update package. LXCE indicated that it is unable to connect to the device.**

Explanation

The Lenovo XClarity Essentials update utility indicated that it is unable to connect to the device.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the device has network connectivity, and retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4820L An error occurred trying to apply the update package. LXCE indicated that the update timed out.**

Explanation

The Lenovo XClarity Essentials update utility indicated that the update timed out.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the device is operational, and retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4821L An error occurred trying to apply the update package. LXCE indicated that there was a failure trying to connect to the TFTP/SFTP server to upload the payload.**

Explanation

The Lenovo XClarity Essentials update utility indicated that there was a failure trying to connect to the TFTP/SFTP server to upload the payload.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure the TFTP/SFTP server is operational and has write permissions and retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4822L An error occurred trying to apply the update package. LXCE indicated that there was an authentication failure with the TFTP/SFTP server.**

Explanation

The Lenovo XClarity Essentials update utility indicated that there was an authentication failure with the TFTP/SFTP server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure the TFTP/SFTP server is operational and has write permissions and retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4823L An error occurred trying to apply the update package. LXCE indicated that the device had a connection failure with the TFTP/SFTP server.**

Explanation

The Lenovo XClarity Essentials update utility indicated that the device had a connection failure with the TFTP/SFTP server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure the TFTP/SFTP server is operational and can be reached from the network, and retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4824L An error occurred trying to apply the update package. LXCE indicated that the device had an authentication failure with the TFTP/SFTP server.**

Explanation

The Lenovo XClarity Essentials update utility indicated that the device had an authentication failure with the TFTP/SFTP server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure the TFTP/SFTP server is operational and has read permissions, and retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4825L An error occurred trying to apply the update package. LXCE indicated that the update failed while attempting to send the file to the device.**

Explanation

The Lenovo XClarity Essentials update utility indicated that it failed while attempting to send the file to the device.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4826L An error occurred trying to apply the update package. LXCE indicated that one or more payload files are not valid or not found.**

Explanation

The Lenovo XClarity Essentials update utility indicated that one or more payload files were invalid or not found.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4827L An error occurred trying to apply the update package.**

Explanation

The Lenovo XClarity Essentials update utility indicated that it failed to unzip the update package.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4828L An error occurred trying to apply the update package. LXCE indicated that the device drivers that the package depends on are not present.**

Explanation

The Lenovo XClarity Essentials update utility indicated that the device drivers the package depends on are not present.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4829L An error occurred trying to apply the update package. LXCE indicated that the applicable hardware is not present in the system.**

Explanation

The Lenovo XClarity Essentials update utility indicated that the applicable hardware is not present in the system.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4830L An error occurred trying to apply the update package. LXCE indicated that the prerequisites are not met for this update.**

Explanation

The Lenovo XClarity Essentials update utility indicated that the prerequisites were not met for this update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4831L An error occurred trying to apply the update package. LXCE indicated that the update did not install successfully.**

Explanation

The Lenovo XClarity Essentials update utility indicated that the update did not install successfully.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

This indicates an unknown issue occurred during the update. Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4832L An error occurred while applying the update package. The Flash pre-configuration failed.**

Explanation

The Flash pre-configuration failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4833L An error occurred while applying the update package. The process that is waiting for the firmware flash timed out before the update completed.**

Explanation

The process that is waiting for the firmware flash has timed out before the update completed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check your connection, and retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4834L An error occurred while applying the update package. The package metadata is either not valid or missing.**

Explanation

The package metadata is either invalid or missing.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Click Provisioning > Repository, refresh the repository, and then retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4835L An error occurred while applying the update package. The selected update package is not needed for a firmware flash.**

Explanation

The selected update package is not needed for a firmware flash.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Select an update package that is needed for the firmware flash, and retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4836L An error occurred while applying the update package. The local file and remote file do not match.**

Explanation

The local file and remote file do not match.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check your connection, and retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4837L An error occurred while applying the update package. The file upload to the SFTP server failed.**

Explanation

The file upload to the SFTP server failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check your connection, and retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4838L An error occurred while applying the update package. Rollback to older versions is not allowed.**

Explanation

The update failed because rollback to older versions is not allowed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update with a newer version or enable rollback in WEB setup. If the problem persists, contact Support.

- **FQXHMUP4839L An error occurred while applying the update package. LXCE indicated an issue to flash the update package.**

Explanation

The Lenovo XClarity Essentials update utility indicated an issue to flash the update package.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4840I Update Complete**

Explanation

The update operation was completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4840L An error occurred while applying the update package. LXCE indicated an issue with support to backup firmware.**

Explanation

The Lenovo XClarity Essentials update utility indicated an issue with support to backup firmware.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4841L Protocol Error**

Explanation

An FM Protocol error occurred.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait for the system to complete its current update, then retry the update.

- **FQXHMUP4842L Update Already in Progress**

Explanation

Another update is already in progress on this system.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait for the system to complete its current update, then retry the update.

- **FQXHMUP4843L Firmware Incompatibility Error**

Explanation

This firmware type is not compatible with the selected system.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Obtain firmware that is compatible with this system, then retry the update.

- **FQXHMUP4844L Firmware Mismatch Error**

Explanation

This firmware is not meant to be used on this system.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Obtain firmware meant for this system, then retry the update.

- **FQXHMUP4845L Insufficient Space**

Explanation

There is insufficient space available to transfer the image to the target system.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Free up space by deleting files on the target system's SFTP server, then retry the firmware update. If the problem persists, contact Support.

- **FQXHMUP4846L Image Not Found**

Explanation

The specified firmware image cannot be found.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Download the firmware update again and retry the update. If the problem persists, contact Support.

- **FQXHMUP4847L Invalid Image**

Explanation

An error occurred when verifying the image transferred to the target system.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Download the firmware update again and retry the update. If the problem persists, contact Support.

- **FQXHMUP4848L Image Already Exists**

Explanation

The image is already present on the target system.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Unmount the image and retry the firmware update. If the problem persists, contact Support.

- **FQXHMUP4849L Invalid Build ID**

Explanation

An error occurred when determining the currently installed firmware build.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure connectivity to the target system, then retry the update. If the problem persists, contact Support.

- **FQXHMUP4850L Build ID Mismatch**

Explanation

The specified update is not meant for this system.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Obtain firmware compatible with this system, then retry the update.

- **FQXHMUP4851L Invalid URI**

Explanation

The URI used in this update is invalid.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the firmware update. If the problem persists, contact Support.

- **FQXHMUP4852L Transfer Error**

Explanation

And error occurred when transferring the image.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify your connection to the target system, then retry the firmware update. If the problem persists, contact Support.

- **FQXHMUP4853L Update Error**

Explanation

An error occurred while trying to run the update process.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the firmware update. If the problem persists, contact Support.

- **FQXHMUP4854L Operation Not Supported**

Explanation

This update is not supported for the selected target system.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Select compatible firmware and hardware and retry the update.

- **FQXHMUP4855L Updates Disabled**

Explanation

Updates are disabled due to the system's power state. An attempt to change the power state failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Power cycle the system and load the OS, then retry the update.

- **FQXHMUP4856L Operation Cancelled**

Explanation

The operation was cancelled during the update process.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the update. If the problem persists, contact Support.

- **FQXHMUP4857L Data Transfer Timeout**

Explanation

Transfer of the firmware image timed out.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure connectivity to the target system, then retry the firmware update. If the problem persists, contact Support.

- **FQXHMUP4858L Flash Memory Access Error**

Explanation

An error occurred while accessing SPI ROM during the update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Power cycle the system, then retry the firmware update. If the problem persists, contact Support.

- **FQXHMUP4859L Flash Memory Size Error**

Explanation

Cannot access SPI ROM; cannot update UEFI while the host system is in UEFI setup or while loading the OS.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Power off the system or load the operating system, then retry the firmware update. If the problem persists, contact Support.

- **FQXHMUP4860L Connection Timeout**

Explanation

Data transfer timed out.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify network connectivity, then retry the firmware update. If the problem persists, contact Support.

- **FQXHMUP4861L Build Version Mismatch**

Explanation

The currently installed firmware version is below the minimum version required for this update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Update to the minimum required firmware version, then retry the update.

- **FQXHMUP4862L Memory Allocation Error**

Explanation

Failed to allocate memory.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Power cycle the target system, then retry the firmware update. If the problem persists, contact Support.

- **FQXHMUP4863L Signature Verification Error**

Explanation

The image's signature verification failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Download the firmware update again and retry the update. If the problem persists, contact Support.

- **FQXHMUP4864L MD5 Mismatch**

Explanation

A corrupted image was detected.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Download the image again from a trusted source and retry the update. If the problem persists, contact Support.

- **FQXHMUP4865L Client Timeout**

Explanation

A firmware update session timeout occurred.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure connectivity to the target system, then retry the endpoint. If the problem persists, contact Support.

- **FQXHMUP4866L Opt Firmware Timeout**

Explanation

Optional firmware update watchdog timeout occurred.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure connectivity to the target system, then retry the update. If the problem persists, contact Support.

- **FQXHMUP4867L Firmware Rollback Disabled**

Explanation

Reverting to an older firmware version is disabled.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Enable rollback for the target system and retry the update.

- **FQXHMUP4868L Invalid Target Error**

Explanation

The remote target for the firmware update is invalid.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the target system is valid, then retry the update. If the problem persists, contact Support.

- **FQXHMUP4869L Partial Failure**

Explanation

Some adapters failed to update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the firmware update. If the problem persists, contact Support.

- **FQXHMUP4870L EID Address Error**

Explanation

PLDM Failed to acquire the EID address.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Power cycle the target system and wait for it to boot, then retry the firmware update. If the problem persists, contact Support.

- **FQXHMUP4871L Minimum Firmware Version Needed**

Explanation

The minimum version requirement for this update has not been met.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Download the minimum version required for the update, then retry the update. If the problem persists, contact Support.

- **FQXHMUP4872L Unsupported Adapter**

Explanation

The update package does not support the adapter(s) on this system.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Select a compatible firmware package, then retry the update. If the problem persists, contact Support.

- **FQXHMUP4873L PLDM Error**

Explanation

An incompatible PLDM version is present.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Select a compatible firmware package, then retry the update. If the problem persists, contact Support.

- **FQXHMUP4874L Internal Error**

Explanation

An internal error occurred.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the firmware update. If the problem persists, contact Support.

- **FQXHMUP4900I Starting new process for taskid {0} Perform{1}.**

Explanation

Starting new process for taskid {0} Perform{1}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4900L Unable to start new process for taskid {0} Perform{1}.**

Explanation

An internal error occurred while obtaining the inventory information.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the device is still managed, and retry the update operation. If the problem persists, contact Support.

- **FQXHMUP4910I The power action was submitted successfully.**

Explanation

The power action was submitted successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4910L The power action request failed.**

Explanation

An error occurred while performing the power action.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

See the power-action job on the Jobs page for more information.

- **FQXHMUP4911G Power actions are not supported for storage devices.**

Explanation

You cannot perform power actions from the Firmware Update: Apply/Activate page.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Use the Storage page to perform the power action.

- **FQXHMUP4912G An update is in progress for the specified device.**

Explanation

Power actions are not supported for devices while an update is in progress.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the request when the update has completed.

- **FQXHMUP4930I The task has not started.**

Explanation

The task has not started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4931I The task is in progress for the specified device.**

Explanation

The task is in progress for the specified device.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4932I The task was canceled.**

Explanation

The task was canceled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4933I The task has completed successfully.**

Explanation

The task has completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4934M The task has failed.**

Explanation

The task has failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMUP4935I No action required for this task.**

Explanation

No action required for this task.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4936I The task is currently awaiting user action for Pending Firmware Maintenance Mode.**

Explanation

The task is currently awaiting user action for Pending Firmware Maintenance Mode.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4937I Restart the device to continue the update process.**

Explanation

Restart the device to continue the update process.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4940I The firmware update was skipped. The hardware was not detected.**

Explanation

The firmware update was skipped. The hardware was not detected.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP4941I No action required for this task unless there is a desire to force the update. To force the update, select the "Force update" option.**

Explanation

No action required for this task unless there is a desire to force the update. To force the update, select the "Force update" option.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP5000I The command completed successfully.**

Explanation

The command completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP5010L The media operation request failed.**

Explanation

The input is not valid, and this caused the inventory retrieval to fail.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the request.

- **FQXHMUP5011I Mount media was started on the selected devices.**

Explanation

Mount media was started on the selected devices.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP5011L Mount media was not started on the selected devices.**

Explanation

Mount media was not started on the selected devices.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMUP5012I Unmount media was started on the selected devices.**

Explanation

Unmount media was started on the selected devices.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP5012L Unmount media was not started on the selected devices.**

Explanation

Unmount media was not started on the selected devices.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMUP5013I Boot media was started on the selected devices.**

Explanation

Boot media was started on the selected devices.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP5013L Boot media was not started on the selected devices.**

Explanation

Boot media was not started on the selected devices.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMUP5014L An unrecognized operation ({0}) was selected.**

Explanation

An unrecognized operation ({0}) was selected.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMUP5100I The operating system action completed successfully.**

Explanation

The operating system action completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP5101I Operating-system authentication was started on the selected devices.**

Explanation

Operating-system authentication was started on the selected devices.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP5101L Operating-system authentication was not started on the selected devices.**

Explanation

Unknown internal error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the action. If the problem persists, contact Support.

- **FQXHMUP5102I Operating-system compliance validation was started on the selected devices.**

Explanation

Operating-system compliance validation was started on the selected devices.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP5102L Operating-system compliance validation was not started on the selected devices.**

Explanation

Unknown internal error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the action. If the problem persists, contact Support.

- **FQXHMUP5103I OS device-driver updates were started on the selected devices.**

Explanation

OS device-driver updates were started on the selected devices.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP5103L OS device-driver updates were not started on the selected devices.**

Explanation

Unknown internal error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the action. If the problem persists, contact Support.

- **FQXHMUP5104L A timeout error occurred while applying the device-driver update.**

Explanation

Failed to complete the device-driver update in the time that is allowed for the process.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the device, and attempt to apply the device-driver update again.

- **FQXHMUP5105L Inventory information for the specified device cannot be obtained.**

Explanation

This can occur if the device was manually restarted, if connectivity to the device was lost, or some other issue occurred with maintaining the managed data.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the device is still managed and that connectivity to the device exists, and retry the action. If the problem persists, contact Support.

- **FQXHMUP5106L The device-driver update process cannot be initialized.**

Explanation

This can occur if the device was manually restarted, if connectivity to the device was lost, or some other issue occurred with maintaining the managed data.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the device's operating system and retry the operation. If the problem persists, contact Support.

- **FQXHMUP5107L The device-driver update process cannot be initialized because the selected device failed to copy.**

Explanation

The driver update programs failed to copy to the selected device.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the device's operating system and retry the operation. If the problem persists, contact Support.

- **FQXHMUP5108L Operating-system action was not started on the selected devices because the management server network address cannot be obtained.**

Explanation

The management server network address cannot be obtained.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the action. If the problem persists, contact Support.

- **FQXHMUP5109L Operating-system action was not started on the selected devices because the job cannot be spawned.**

Explanation

An internal error occurred while spawning the task with Core Task Manager.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

This can occur if:

1. The inventory processes are not complete. It could take up to 15 minutes for the processes to complete. Wait and then retry the device driver update.
2. The managed device is no longer managed. Ensure that the device is correctly managed, and then retry the operation.

If the problem persists, contact Support.

- **FQXHMUP5110L Operating-system action was not started on the selected devices because one or more selected devices are already in use by one or more jobs.**

Explanation

One or more selected devices are already in use by one or more jobs.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Retry the operating-system action after the other jobs are complete.

- **FQXHMUP5111L The Windows Remote Management service cannot be used on the selected device.**

Explanation

The management server requires the Windows Remote Management service on the selected device to apply device-driver updates.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Refer to the documentation to configure the Windows Remote Management service on the selected device.

- **FQXHMUP5112L The target UpdateXpress System Pack {0} was not found in the windows drivers repository.**

Explanation

To apply the device-driver update, the management server needs the target UpdateXpress System Pack and associated device driver updates.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Download or import the compliance target into the repository.

- **FQXHMUP5113L The device-driver inventory cannot be collected on the selected device.**

Explanation

Failed to scan driver inventory data from the selected device.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the device's operating system and retry the operation. If the problem persists, contact Support.

- **FQXHMUP5114L The device-driver inventory cannot be compared against the UpdateXpress System Pack.**

Explanation

Failed to compare driver inventory data to compliant target data.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the device's operating system and retry the operation. If the problem persists, contact Support.

- **FQXHMUP5115L The operating system is not reachable on the selected device because the operating system on the selected device is not running.**

Explanation

The operating system on the selected device is not running.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the device's operating system. The management server supports Microsoft Windows 2012 R2 and later for device-driver updates.

- **FQXHMUP5116L The operating system is not reachable on the selected device because the hostname is not reachable from the management server.**

Explanation

The hostname is not reachable from the management server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the device's operating system. The management server supports Microsoft Windows 2012 R2 and later for device-driver updates.

- **FQXHMUP5117L The operating system is not supported for operating system driver updates.**

Explanation

The management server supports Microsoft Windows 2012 R2 and later for device-driver updates..

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Select a device with a supported operating system for device-driver updates.

- **FQXHMUP5118L The Windows Remote Management service for HTTPS connection cannot be used on the selected device.**

Explanation

The management server requires the Windows Remote Management service on the selected device to apply device-driver updates.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Refer to the documentation to configure the Windows Remote Management service on the selected device with certificates.

- **FQXHMUP5119L The device-driver action cannot be performed because the operating-system-deployment network interface is not configured.**

Explanation

To perform device-driver actions, the management server must be able to communicate with the selected device over the defined operating-system-deployment network interface.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Navigate to the Network Access page, and modify the network configuration to enable the operating-system deployment on a detected network interface.

- **FQXHMUP5120L The target Windows OS updates were not found in the windows drivers repository: {0}.**

Explanation

To apply the device-driver update, the management server needs associated device driver updates.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Download or import the concerned UpdateXpress System Pack into the repository.

- **FQXHMUP5200I Perform {0} completed. {1} packages were updated. {2} succeed and {3} failed"**

Explanation

Perform {0} completed. {1} packages were updated. {2} succeed and {3} failed"

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP5201I The device-driver task has not started.**

Explanation

The device-driver task has not started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP5202I The device-driver task is in progress for the specified device.**

Explanation

The device-driver task is in progress for the specified device.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP5203I The device-driver task was canceled.**

Explanation

The device-driver task was canceled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP5204I The device-driver task has completed successfully.**

Explanation

The device-driver task has completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP5205M The device-driver task has failed.**

Explanation

The device-driver task has failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMUP5206I No action required for this device-driver task.**

Explanation

No action required for this device-driver task.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP5207I Start applying OS driver updates: {0}.**

Explanation

Start applying OS driver updates: {0}.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP5208I Applying OS driver updates {0} completed.**

Explanation

Applying OS driver updates {0} completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP6010I The packages have been downloaded: [arg1] by user [arg2].**

Explanation

Arguments

[arg1] ibm_cmm_payload.bin, ibm_cmm_metedata.xml, ibm_cmm_change.chg.

[arg2] The user that downloaded the packages.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

- **FQXHMUP6020I** The packages have been imported: *[arg1]* by user *[arg2]*.

Explanation

Arguments

[arg1] ibm_cmm_payload.bin, ibm_cmm_metedata.xml, ibm_cmm_change.chg.

[arg2] The user that imported the packages.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

- **FQXHMUP6021I** The packages have been imported: *[arg1]*; The packages have been discarded: *[arg2]* by user *[arg3]*.

Explanation

Arguments

[arg1] ibm_cmm_payload.bin, ibm_cmm_metedata.xml, ibm_cmm_change.chg.

[arg2] The user that imported the packages.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

- **FQXHMUP6022I** The packages have been discarded: *[arg1]* by user *[arg2]*.

Explanation

Arguments

[arg1] ibm_cmm_payload.bin, ibm_cmm_metedata.xml, ibm_cmm_change.chg.

[arg2] The user that imported the packages.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

- **FQXHMUP6030I** The packages have been deleted: [arg1] by user [arg2].

Explanation**Arguments**

[arg1] ibm_cmm_payload.bin, ibm_cmm_metedata.xml, ibm_cmm_change.chg.

[arg2] The user that deleted the packages.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

- **FQXHMUP6040I** The following policy was created: [arg1] by user [arg2].

Explanation**Arguments**

[arg1] Policy name

[arg2] User that created or copied the policy.

Severity

Informational

Serviceable with log**Automatically Notify Support**

- **FQXHMUP6041I** The following policy was modified: [arg1] by user [arg2].

Explanation**Arguments**

[arg1] Policy name

[arg2] User that edited the policy.

Severity

Informational

Serviceable with log**Automatically Notify Support**

- **FQXHMUP6042I** The following policy was deleted: [arg1] by user [arg2].

Explanation**Arguments**

[arg1] Policy name.

[arg2] User that deleted the policy.

Severity

Informational

Serviceable with log**Automatically Notify Support**

- **FQXHMUP6043I Policy [arg1] was imported successfully by user [arg2].**

Explanation**Arguments**

[arg1] Policy name.

[arg2] User that imported the policy.

Severity

Informational

Serviceable with log**Automatically Notify Support**

- **FQXHMUP6044I Policy [arg1], which was imported by user [arg2], was discarded due to an unsafe policy name or a policy validation issue.**

Explanation**Arguments**

[arg1] Discarded policy name.

[arg2] User that imported the policy.

Severity

Informational

Serviceable with log**Automatically Notify Support**

- **FQXHMUP6101F The repository size is not valid.**

Explanation

The repository size must be between 50GB and {0}GB.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Specify a repository size that is in the required interval, and attempt the request again.

- **FQXHMUP6101I The package [arg1] has been applied by user [arg2].**

Explanation**Arguments**

[arg1] Lenovo xClarity Administration Fix Pack 2

[arg2] The user that performed the update.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

- **FQXHMUP6101J The request to update the application by user [arg1] failed with return code [arg2].**

Explanation

Arguments

[arg1] The user that performed the update.

[arg2] The return code from the failed attempt to update.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Try again. If multiple failures occurred, contact Lenovo Support.

- **FQXHMUP6102J The request to update the application by user [arg1] failed with return code [arg2].**

Explanation

Arguments

[arg1] The user that performed the update

[arg2] The result of the application update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

- **FQXHMUP6103D The application is not compatible with the current version of the management server. View the console output to see the version information.**

Explanation

The application is not compatible with the current version of the management server. View the console output to see the version information.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMUP6103F The request to update the application by user {0} completed with return code {1}. The requested update is not applicable.**

Explanation

The request to update the application by user {0} completed with return code {1}. The requested update is not applicable.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXHMUP7500I Repository operation completed successfully.**

Explanation

Repository operation completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP7501L The update package does not contain any applicable machine types.**

Explanation

The node 'applicableMachineTypes' should have a list of correctly defined machine types.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Download a correct update package from the Lenovo Support website.

- **FQXHMUP7502L Update package does not contain any applicable Machine Types Models.**

Explanation

The node 'machineTypeModel' should have a list of at least one MTM.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Download a correct update package from the Lenovo Support website.

- **FQXHMUP7503F At least one of the parsed parameters encountered a non-fatal error.**

Explanation

One or more parsed parameters was either invalid or missing.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the log file for details.

- **FQXHMUP7520F The verification task was not attempted.**

Explanation

The task either does not apply or was not attempted because a previous check failed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the log file for details.

- **FQXHMUP7521I The switch has network connectivity.**

Explanation

The switch has network connectivity.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP7521L The verification task found that the switch does not have network connectivity.**

Explanation

An SNMP session could not be established to the switch. This might happen when SNMP is not running on the switch, there is no IP connectivity, there is no L2 connectivity, a power issue occurred, or a hardware failure occurred.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the switch is shown as 'online' on the Switches page.

- **FQXHMUP7522I The update package stack type matches the switch configuration.**

Explanation

The update package stack type matches the switch configuration.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP7522L The verification task found that the update-package stack type does not match the switch configuration.**

Explanation

Either a standalone update package is targeted on a stacked switch, or a stacking update package is targeted on a standalone switch.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Use a matching update package, or change the switch configuration to stacked or standalone mode.

- **FQXHMUP7523I The stacked switch is the master switch. The firmware update can be applied.**

Explanation

The stacked switch is the master switch. The firmware update can be applied.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP7523L The stacked switch is a member switch. The firmware update cannot be applied.**

Explanation

The target switch is in a stacked configuration as a member. Its firmware cannot be directly updated.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the stacked setup through the master switch.

- **FQXHMUP7524I The firmware signature allows update.**

Explanation

The firmware signature allows update.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP7524L The firmware is development signed and cannot be applied to production signed switch.**

Explanation

A switch running firmware that is signed with production key cannot be directly update to a development-signed firmware image.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Use a production-signed firmware image, or update the switch manually using the development-signature update procedure.

- **FQXHMUP7525I No other updates are in progress.**

Explanation

No other updates are in progress.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP7525L Another update is in progress.**

Explanation

An update is in progress on the target switch. Another update cannot be applied until the current process completes.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait for the current update to complete or cancel it (if applicable).

- **FQXHMUP7526F The switch firmware version is lower than minimum recommended version.**

Explanation

The switch's current firmware version is lower than the supported minimum version.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Use another method to update the firmware.

- **FQXHMUP7526I The switch has the minimum firmware version that is required to support the update.**

Explanation

The switch has the minimum firmware version that is required to support the update.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP7527L The switch firmware version is too low and does not support update.**

Explanation

The switch's current firmware version does not support updates through Lenovo XClarity Administrator.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the switch manually to a version equal or greater than the minimum supported version.

- **FQXHMUP7531I Update package is compatible for this firmware version.**

Explanation

Update package is compatible for this firmware version.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP7531L Update to CNoS version 10.8.1 or higher is not supported when default credentials are used.**

Explanation

Newer versions do not allow management with factory default credentials. Such an update would render the switch unmanageable after it is applied.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Change the switch access credentials to a different user name and/or password, update the stored credentials for the switch, and retry the update.

- **FQXHMUP7540L The update package is not compatible with selected switch.**

Explanation

The 'name' node does not denote the same hardware platform as the target UUID.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

use an update package that applies to the target UUID.

- **FQXHMUP7560L No update jobs are found for selected switch.**

Explanation

There is no firmware update in progress or finished for the specified UUID.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

start a firmware update job or query another UUID.

- **FQXHMUP7561I The payload files were extracted successfully.**

Explanation

The payload files were extracted successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP7561L Unzipping payload did not produce expected files.**

Explanation

It is expected that the payload contains two files with 'img' or 'imgs' extension and names containing 'Boot' and 'OS', respectively.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify that the payload file for integrity, and download again in case of failure.

- **FQXHMUP7562L Unable to get SFTP credentials.**

Explanation

Querying system variables for SFTP credentials (username, password, IPv4 address) failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart Lenovo XClarity Administrator.

- **FQXHMUP7563I Transferring main image to switch.**

Explanation

Transferring main image to switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP7563L Transfer of the main image to switch failed.**

Explanation

An error occurred while transferring the main image to the switch.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the log for details and perform the firmware update again.

- **FQXHMUP7564I Transferring boot image to switch.**

Explanation

Transferring boot image to switch.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP7564L Transfer of the boot image to switch failed.**

Explanation

An error occurred while transferring the boot image to the switch.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the log for details and perform the firmware update again.

- **FQXHMUP7565I Requesting the switch to reset.**

Explanation

Requesting the switch to reset.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXHMUP7565L Resetting the switch failed.**

Explanation
There was a problem resetting the switch after successful image transfer.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Restart the switch through the Actions setting in switch detail page or manually.

- **FQXHMUP7579I The firmware update on the switch was successful.**

Explanation
The firmware update on the switch was successful.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXHMUP7599I Generic Rackswitch firmware update message.**

Explanation
Generic Rackswitch firmware update message.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXHMUP7700I The storage update completed successfully.**

Explanation
The storage update completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP7701G The verification task found that the specified storage-management user account does not have permission to access the FTP interface.**

Explanation

The operation cannot be performed because the storage-management user account does not have permission to access the FTP interface.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Use a user account that has permission to access the FTP interface.

- **FQXHMUP7702G The verification task found that the specified package cannot be applied.**

Explanation

The specified package cannot be applied to the storage device because its version is lower than the current installed version or the package is corrupted.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the specified package is more recent than the installed version.

- **FQXHMUP7703G The verification task found an issue with the current health status of the storage device.**

Explanation

Firmware updates can be performed only on devices that report the health state as OK or Normal.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify the health status of the storage device, and take appropriate actions to turn the status to OK or Normal.

- **FQXHMUP7704G The verification task found that the storage device could not be accessed.**

Explanation

The operation cannot be performed because of a problem with device connectivity.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that there are no connectivity issues to the device, and perform the operation again. If the problem persists, contact Support.

- **FQXHMUP7900I The server has network connectivity.**

Explanation

The server has network connectivity.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP7900L The verification task found that the server does not have network connectivity.**

Explanation

A redfish session could not be established to the server. This might happen when service is not running on the server, there is no IP connectivity, there is no L2 connectivity, a power issue occurred, or a hardware failure occurred.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that the server shown as 'online' on the Servers page.

- **FQXHMUP7920F The verification task was not attempted.**

Explanation

The task either does not apply or was not attempted because a previous check failed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the log file for details.

- **FQXHMUP7925I No other updates are in progress.**

Explanation

No other updates are in progress.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP7925L Another update is in progress.**

Explanation

An update is in progress on the target server. Another update cannot be applied until the current process completes.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait for the current update to complete or cancel it (if applicable).

- **FQXHMUP7940L The update package is not compatible with selected server.**

Explanation

The selected update package(s) do(es) not apply to the target server's MTM.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please use a compatible update package or check applicable MTMs.

- **FQXHMUP7941L The update package does not exist.**

Explanation

One of the files requested for update comparison does not exist.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please check the names and location of files submitted for firmware compare.

- **FQXHMUP7965I Restarting the BMC.**

Explanation

Restarting the BMC.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP7966I The update job canceled.**

Explanation

The update job canceled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP7966L No update job to cancel.**

Explanation

The UUID specified is not running any update in order to cancel.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please cancel an update with valid UUID.

- **FQXHMUP7967I The update job started.**

Explanation

The update job started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP7968L The update job failed.**

Explanation

A non-specific error caused update job to fail.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Please collect logs and open support ticket.

- **FQXHMUP7979I The image update successful.**

Explanation

The image update successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP8000I Management server updates operation completed successfully.**

Explanation

Management server updates operation completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP8002L The management-server update operation failed.**

Explanation

The management-server update operation failed for an unknown internal reason.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart Lenovo xClarity Administrator, and then retry the operation.

- **FQXHMUP8003G An invalid parameter was passed to the management-server update operation.**

Explanation

A required parameter is missing, or the value specified is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Verify all parameters. Then, retry the operation.

- **FQXHMUP8007I The management-server update operation started successfully.**

Explanation

The management-server update operation started successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP8008G The management-server update operation failed to start.**

Explanation

An internal error occurred while attempting to start a job.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart Lenovo xClarity Administrator, and then retry the operation.

- **FQXHMUP8009I The management-server update operation is progressing normally.**

Explanation

The management-server update operation is progressing normally.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP8010G The management-server update operation could not complete because another update is already in progress.**

Explanation

Another update is already in progress. The operation cannot be completed until the prior update is complete.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait for current update to complete, and then retry the operation.

- **FQXHMUP8011G A management-server update operation is already in progress. The requested update operation cannot be started.**

Explanation

The management-server update operation cannot be started until the current update operation is complete.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Wait for current update operation to complete, and then retry the operation.

- **FQXHMUP8012G The management-server update package is not found.**

Explanation

The management-server update payload is not downloaded.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Download or import the management-server update, and then retry the operation.

- **FQXHMUP8013L The management-server update package cannot be applied.**

Explanation

There is not enough disk space in the management-server updates repository to apply the package.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Delete previously installed management-server update packages or delete packages that are not required for the current installation.

- **FQXHMUP8014G The management-server update operation failed to start.**

Explanation

An internal error occurred while trying to start management-server update operation.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Restart Lenovo xClarity Administrator, and then retry the operation.

- **FQXHMUP8015G The management-server update operation failed.**

Explanation

An error occurred during the update management-server operation.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the jobs log for failure details, and then retry the operation.

- **FQXHMUP8016L The update package cannot be downloaded or imported because the repository is full.**

Explanation

There is not enough disk space to download or import the update package.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Either install or delete updates that are ready to be applied, or wait for the running import job to be completed.

- **FQXHMUP8017I The management-server updates repository operation was canceled successfully.**

Explanation

The management-server updates repository operation was canceled successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXHMUP8018J User ID {0} does not have sufficient permissions for this specific request.**

Explanation

The request from user ID {0} could not be completed because the user does not have the correct permissions to carry it out.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Modify the user's account to augment the user's role.

- **FQXHMUP8019J The management-server update package is not applicable.**

Explanation

Selected package is not applicable as a management-server update on current xClarity Administrator.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the release note of the update package for compatibility details.

- **FQXHMUP8020L The Repo package cannot be applied, because the used remote firmware repository is read only.**

Explanation

Packages cannot be imported to a read only remote firmware repository.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Swap to the local firmware repository or a writeable remote firmware repository.

Chapter 2. List of chassis events

Use these links to find information about hardware-related events that can be reported by Lenovo XClarity Administrator for supported Lenovo chassis.

- [Carrier-Grade Chassis Type 7385](#)
- [Enterprise Chassis Types 7893, 8721, and 8724](#)

Chapter 3. Events and alerts from ThinkAgile, ThinkEdge, ThinkSystem, System x, Flex System, Converged HX Series, and NeXtScale servers and compute nodes

Use these links to find information about hardware-related events that Lenovo XClarity Administrator can report for supported Lenovo servers.

ThinkAgile HX servers

- HX630 V3 – based on [SR630 V3](#)
- HX645 V3 – based on [SR645 V3](#)
- HX650 V3 – based on [SR650 V3](#)
- HX665 V3 – based on [SR665 V3](#)
- HX1020 – based on [SE450](#)
- HX1021 – based on [SE450](#)
- HX1220 – based on [ST550](#)
- HX1221 Certified – based on [ST550](#)
- HX1320 – based on [SR630](#)
- HX1321 Certified – based on [SR630](#)
- HX1330 – based on [SR630 V2](#)
- HX1331 – based on [SR630 V2](#)
- HX1520-R – based on [SR650](#)
- HX1521-R Certified – based on [SR650](#)
- HX2320 – based on [SR630](#)
- HX2320-E – based on [SR630](#)
- HX2321 – based on [SR630](#)
- HX2330 – based on – based on [SR630 V2](#)
- HX2331 – based on [SR630 V2](#)
- HX2520-R – based on [SR650](#)
- HX2720-E – based on [SD530](#)
- HX3320 – based on [SR630](#)
- HX3321 Certified – based on [SR630](#)
- HX3330 – based on [SR630 V2](#)
- HX3331 Certified – based on [SR630 V2](#)
- HX3375 – based on [SR645](#)
- HX3376 – based on [SR645](#)
- HX3520-G - based on [SR650](#)
- HX3521-G – based on [SR650](#)
- HX3720 – based on [SD530](#)
- HX3721 Certified – based on [SD530](#)
- HX5520 – based on [SR650](#)
- HX5520-C – based on [SR650](#)
- HX5521 Certified – based on [SR650](#)
- HX5521-C Certified – based on [SR650](#)
- HX5530 – based on [SR650 V2](#)
- HX5531 – based on [SR650 V2](#)
- HX7321-N Certified – based on [SR630](#)
- HX7520 – based on [SR650](#)
- HX7521 Certified – based on [SR650](#)
- HX7521-N Certified – based on [SR630](#)
- HX7530 – based on [SR650 V2](#)
- HX7531 Certified – based on [SR650 V2](#)
- HX7721-N Certified – based on [SD530](#)

- HX7820 – based on [SR650](#)
- HX7821 – based on [SR650](#)

ThinkAgile MX servers

- MX Certified – based on [SR650](#)
- MX630 V3 [SR630 V3](#)
- MX650 V3 [SR650 V3](#)
- MX1020 – based on [SE350](#)
- MX1021 – based on [SE350](#)
- MX3330 – based on [SR650 V2](#)
- MX3331 Certified – based on [SR650 V2](#)
- MX3520-F All-flash Appliance – based on [SR650](#)
- MX3520-H Hybrid Appliance – based on [SR650](#)
- MX3530 – based on [SR630 V2](#)
- MX3531 Certified – based on [SR630 V2](#)

ThinkAgile SX servers

- SXM4200 (9565, 7Y34) – based on [x3650 M5](#)
- SXM4400 (9565, 7Y34) – based on [SR650](#)
- SXM6200 (9565, 7Y34) – based on [x3650 M5](#)
- SXM6400 (9565, 7Y34) – based on [SR650](#)
- SXN3000 (9565) – based on [SR650](#)

ThinkAgile VX servers

- VX 1U Certified – based on [SR630](#)
- VX 2U Certified – based on [SR650](#)
- VX 2U4N Certified – based on [SD530](#)
- VX1320 Certified – based on [SR650](#)
- VX630 V3 – based on [SR630 V3](#)
- VX635 V3 – based on [SR655 V3](#)
- VX645 V3 – based on [SR645 V3](#)
- VX650 V2-DPU – based on [SR650 V2](#)
- VX650 V3 – based on [SR650 V3](#)
- VX650 V3-DPU – based on [SR650 V3](#)
- VX655 V3 – based on [SR650 V3](#)
- VX665 V3 – based on [SR665 V3](#)
- VX850 V3 – based on [SR850 V3](#)
- VX2320 – based on [SR630](#)
- VX2330 – based on [SR630 V2](#)
- X2375 – based on [SR645](#)
- VX3310 – based on [SR630](#)
- VX3320 – based on [SR630](#)
- VX3330 – based on [SR630 V2](#)
- VX3331 Certified – based on [SR630 V2](#)
- VX3375 – based on [SR645](#)
- VX3376 Certified – based on [SR645](#)
- VX3510-G – based on [SR650](#)
- VX3520-G – based on [SR650](#)
- VX3530-G – based on [SR650 V2](#)
- VX3575-G – based on [SR665](#)
- VX3720 – based on [SD530](#)
- VX3720-N – based on [SR630](#)
- VX5520 – based on [SR650](#)
- VX5530 – based on [SR650 V2](#)
- VX5575 – based on [SR665](#)
- VX7320 – based on [SR630](#)

- VX7330 – based on [SR630 V2](#)
- VX7375-N – based on [SR630](#)
- VX7510 – based on [SR650](#)
- VX7520 – based on [SR650](#)
- VX7520-N – based on [SR650](#)
- VX7530 – based on [SR650 V2](#)
- VX7531 Certified – based on [SR650 V2](#)
- VX7575 – based on [SR665](#)
- VX7576 Certified – based on [SR665](#)
- VX7820 – based on [SR950](#)

ThinkEdge

- [SE350](#)
- [SE350 V2](#)
- [SE360 V2](#)
- [SE450](#)
- [SE455 V3](#)

ThinkSystem serves

- [SD530](#)
- [SD530 V3](#)
- [SD535 V3](#)
- [SD650 V3](#)
- [SD630 V2](#)
- [SD650](#)
- [SD650 V2](#)
- [SD650 V3](#)
- [SD650-I V3](#)
- [SD650-N V2](#)
- [SD665 V3](#)
- [SD665-N V3](#)
- [SN550](#)
- [SN550 V2](#)
- [SN850](#)
- [SR150 and SR158 \(China only\)](#)
- [SR250 and SR258 \(China only\)](#)
- [SR250 V2 and SR258 V2 \(China only\)](#)
- [SR250 V3 and SR258 V3 \(China only\)](#)
- [SR530](#)
- [SR550 and SR558 \(China only\)](#)
- [SR570](#)
- [SR590](#)
- [SR630](#)
- [SR630 V2](#)
- [SR630 V3](#)
- [SR635](#)
- [SR635 V3](#)
- [SR645](#)
- [SR645 V3](#)
- [SR650](#)
- [SR650 V2](#)
- [SR650 V3](#)
- [SR655](#)
- [SR655 V3](#)
- [SR665](#)
- [SR665 V3](#)

- SR670
- SR670 V2
- SR675 V3
- SR850
- SR850P
- SR850 V2
- SR850 V3
- SR860
- SR860 V2
- SR860 V3
- SR950
- SR950 V3
- ST50 V3 and ST58 V3 (China only)
- ST250 and ST258 V3 (China only)
- ST250 V2 and ST258 V2 (China only)
- ST250 V3 and ST258 V3 (China only)
- ST550 and ST558 (China only)
- ST650 V2 and ST658 V2 (China only)
- ST650 V3 and ST658 V3 (China only)

System x servers

- iDataPlex dx360 M4
- x3100 M4
- x3100 M5
- x3250 M4
- x3250 M5
- x3250 M6
- x3300 M4
- x3500 M4
- x3530 M4
- x3550 M4
- x3550 M5
- x3500 M5
- x3550 M5
- x3630 M4
- x3650 M4
- x3650 M4 BD
- x3650 M4 HD
- x3650 M5
- x3650 M5
- x3750 M4
- x3750 M4
- x3750 M4
- x3850 X5
- x3850 X6
- x3850 X6
- x3950 X5
- x3950 X6
- x3950 X6

Flex System servers

- x220
- x222
- x240
- x240
- x240 M5

- x280 X6, x480 X6, and x880 X6
- x280 X6, x480 X6, and x880 X6
- x440
- x440

Converged HX Series appliances

- HX1310
- HX2310-E
- HX2710-E (8689)
- HX3310
- HX3310-F
- HX3500
- HX3510-G
- HX3710
- HX3710-F
- HX5500
- HX5510
- HX5510-C
- HX7500
- HX7510

NeXtScale servers

- nx360 M4
- nx360 M5

Chapter 4. Events and alerts from ThinkServer servers

Lenovo XClarity Administrator reports information about all management-server and hardware-related events and alerts that are generated or collected by ThinkServer servers. These messages are listed in events or alerts log.

The following information is provided for each event message.

Event identifier

A string that uniquely identifies the event or class of events. This is a 12 or 14-character string in the following format.

FQX*ppnnn*

where:

- *pp* indicates the product where the event originate, as follows.
 - **HMTS**
 - **TS**
- *nnn* identifies the specific message.

Severity

An indication of the level of concern for the condition, as follows.

- **Informational**. The event was recorded for audit purposes. This is usually a user action or a change of states that is normal behavior.
- **Warning**. The event is not as severe as an error, but if possible, the condition should be corrected before it becomes an error. It might also be a condition that requires additional monitoring or maintenance.
- **Critical**. The event is a failure or critical condition that impairs service or an expected function.

Serviceable with log

An indication of whether an action (either by you or by Lenovo Support) is required to correct the problem.

Automatically Notify Support

An indication of whether a service ticket is opened automatically, and diagnostic files are transferred to the Lenovo Support Center for this event if Call Home is configured and enabled in XClarity Orchestrator or the resource managers.

User Action

The actions to perform to solve the event.

Perform the steps in the order shown until the problem is solved. If the problem is not resolved after performing all recommended actions, contact Lenovo Support.

ThinkServer events that automatically notify Support

If Call Home is configured and enabled in XClarity Administrator, XClarity Administrator automatically opens a service ticket and sends service data for a specific managed device to Lenovo Support using Call Home when a serviceable event is received from that device. The following table lists the serviceable events that trigger Call Home for ThinkServer devices.

Table 1. Events that automatically notify Support

Event ID	Message String	Automatically Notify Support
FQXTS1011456	System Firmware Progress: BIOS POST code error	Yes
FQXTS1011457	System Firmware Hang	Yes
FQXTS1208066	Undetermined system hardware failure	Yes
FQXTS131330	Under-Voltage Warning (Lower critical, going low)	Yes
FQXTS131331	Under-Voltage Warning (Lower critical, going high)	Yes
FQXTS131332	Under-Voltage Warning (Lower non-recoverable, going low)	Yes
FQXTS131333	Under-Voltage Warning (Lower non-recoverable, going high)	Yes
FQXTS131336	Over-Voltage Warning (Upper critical, going low)	Yes
FQXTS131337	Over-Voltage Warning (Upper critical, going high)	Yes
FQXTS131338	Over-Voltage Warning (Upper non-recoverable, going low)	Yes
FQXTS131339	Over-Voltage Warning (Upper non-recoverable, going high)	Yes
FQXTS131841	Generic Critical Voltage Problem (Transition to Critical from less severe)	Yes
FQXTS132866	Generic Critical Voltage Problem (Transition to Critical from less severe)	Yes
FQXTS132869	Generic Voltage Warning (Transition to Non-Recoverable)	Yes
FQXTS196866	Under-Current Warning (Lower critical, going low)	Yes
FQXTS196867	Under-Current Warning (Lower critical, going high)	Yes
FQXTS196868	Under-Current Warning (Lower non-recoverable, going low)	Yes
FQXTS196869	Under-Current Warning (Lower non-recoverable, going high)	Yes
FQXTS196872	Over-Current Warning (Upper critical, going low)	Yes
FQXTS196873	Over-Current Warning (Upper critical, going high)	Yes
FQXTS196874	Over-Current Warning (Upper non-recoverable, going low)	Yes
FQXTS196875	Over-Current Warning (Upper non-recoverable, going high)	Yes
FQXTS262402	Fan Under Speed Warning (Lower critical, going low)	Yes
FQXTS262403	Fan Under Speed Warning (Lower critical, going high)	Yes
FQXTS262404	Fan Under Speed Warning (Lower non-recoverable, going low)	Yes
FQXTS262405	Fan Under Speed Warning (Lower non-recoverable, going high)	Yes

Table 1. Events that automatically notify Support (continued)

Event ID	Message String	Automatically Notify Support
FQXTS262408	Fan Over Speed Warning (Upper critical, going low)	Yes
FQXTS262409	Fan Over Speed Warning (Upper critical, going high)	Yes
FQXTS262410	Fan Over Speed Warning (Upper non-recoverable, going low)	Yes
FQXTS262411	Fan Over Speed Warning (Upper non-recoverable, going high)	Yes
FQXTS2715393	Battery Failed	Yes
FQXTS459521	Uncorrectable processor error detected	Yes
FQXTS487168	Processor Internal Error	Yes
FQXTS487169	Processor Thermal Trip (Over Temperature Shutdown)	Yes
FQXTS487170	Processor Fault Resilient Booting (FRB) 1 / Processor BIST (Built In Self Test) Failure	Yes
FQXTS487173	Processor Configuration Error	Yes
FQXTS552705	Power Supply failure detected	Yes
FQXTS655618	Cooling Device Under Speed Warning (Lower critical, going low)	Yes
FQXTS655619	Cooling Device Under Speed Warning (Lower critical, going high)	Yes
FQXTS655620	Cooling Device Under Speed Warning (Lower non-recoverable, going low)	Yes
FQXTS655621	Cooling Device Under Speed Warning (Lower non-recoverable, going high)	Yes
FQXTS655624	Cooling Device Over Speed Warning (Upper critical, going low)	Yes
FQXTS655625	Cooling Device Over Speed Warning (Upper critical, going high)	Yes
FQXTS655626	Cooling Device Over Speed Warning (Upper non-recoverable, going low)	Yes
FQXTS655627	Cooling Device Over Speed Warning (Upper non-recoverable, going high)	Yes
FQXTS65801	Over-Temperature Warning (Upper critical, going high)	Yes
FQXTS65803	Over-Temperature Warning (Upper non-recoverable, going high)	Yes
FQXTS67330	Generic Critical Temperature Problem (Transition to Critical from less severe)	Yes
FQXTS814849	Uncorrectable ECC or other uncorrectable memory error detected.	Yes
FQXTS852993	Hard Disk Drive Fault LED is ON.	Yes
FQXTS880385	Hard Disk Drive Fault	Yes

Table 1. Events that automatically notify Support (continued)

Event ID	Message String	Automatically Notify Support
FQXTS880386	Hard Disk Drive Predictive Failure	Yes
FQXTS880390	Hard Disk Drive In Failed Array	Yes
FQXTS918529	POST Memory Resize Failure Asserted	Yes

List of ThinkServer events

This section lists all ThinkServer events that can be viewed in the XClarity Administrator event log or audit log.

- **FQXTS1011456 System Firmware Progress: BIOS POST code error**

Explanation

System Firmware Progress: BIOS POST code error

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Check the support site for any applicable service bulletins or firmware updates that might apply to this issue.
2. If the problem persists, contact Support.

- **FQXTS1011457 System Firmware Hang**

Explanation

System Firmware Hang

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Check the support site for any applicable service bulletins or firmware updates that might apply to this issue.
2. Update the BIOS/UEFI firmware.
3. If the problem persists, contact Support.

- **FQXTS1011458 System Firmware Progress**

Explanation

System Firmware Progress

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS1011584 System Firmware Progress: BIOS POST code error Cleared**

Explanation
System Firmware Progress: BIOS POST code error Cleared

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS1011585 System Firmware Hang Cleared**

Explanation
System Firmware Hang Cleared

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS1011586 System Firmware Progress Completed**

Explanation
System Firmware Progress Completed

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS1076992 Correctable Memory Error Logging Disabled**

Explanation
Correctable Memory Error Logging Disabled

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1076993 Event Type Logging Disabled.**

Explanation

Event Type Logging Disabled

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1076994 SEL Area Reset/Cleared**

Explanation

SEL Area Reset/Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1076995 System Event Logging Disabled**

Explanation

System Event Logging Disabled

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Information only; no user action required.

- **FQXTS1076996 SEL Full.**

Explanation

SEL Full.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS1076997 SEL Almost Full.**

Explanation
SEL Almost Full.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS1076998 Correctable Machine Check Error Logging Disabled**

Explanation
Correctable Machine Check Error Logging Disabled

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS1077120 Correctable Memory Error Logging Enabled**

Explanation
Correctable Memory Error Logging Enabled

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS1077121 Event Type Logging Enabled.**

Explanation
Event Type Logging Enabled

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1077122 SEL Area Reset/Cleared Event Deasserted**

Explanation

SEL Area Reset/Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1077123 System Event Logging Enabled**

Explanation

System Event Logging Enabled

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1077124 SEL Full Event Cleared**

Explanation

SEL Full Event Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1077125 SEL Almost Full Event Cleared**

Explanation

SEL Almost Full Event Cleared

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS1077126 Correctable Machine Check Error Logging Enabled**

Explanation
Correctable Machine Check Error Logging Enabled

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS1142528 BIOS Watchdog Reset**

Explanation
BIOS Watchdog Reset

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS1142529 OS Watchdog Reset**

Explanation
OS Watchdog Reset

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS1142530 OS Watchdog Shut Down**

Explanation
OS Watchdog Shut Down

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1142531 OS Watchdog Power Down**

Explanation

OS Watchdog Power Down

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1142532 OS Watchdog Power Cycle**

Explanation

OS Watchdog Power Cycle

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1142533 OS Watchdog NMI / Diagnostic Interrupt**

Explanation

OS Watchdog NMI / Diagnostic Interrupt

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1142534 OS Watchdog Expired, status only**

Explanation

OS Watchdog Expired, status only

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS1142535 OS Watchdog pre-timeout Interrupt, non-NMI**

Explanation
OS Watchdog pre-timeout Interrupt, non-NMI

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS1142656 BIOS Watchdog Reset Deasserted**

Explanation
BIOS Watchdog Reset Deasserted

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS1142657 OS Watchdog Reset Deasserted**

Explanation
OS Watchdog Reset Deasserted

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS1142658 OS Watchdog Shut Down Deasserted**

Explanation
OS Watchdog Shut Down Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1142659 OS Watchdog Power Down Deasserted**

Explanation

OS Watchdog Power Down Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1142660 OS Watchdog Power Cycle Deasserted**

Explanation

OS Watchdog Power Cycle Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1142661 OS Watchdog NMI / Diagnostic Interrupt Cleared**

Explanation

OS Watchdog NMI / Diagnostic Interrupt Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1142662 OS Watchdog Expired, status only Event Cleared**

Explanation

OS Watchdog Expired, status only Event Cleared

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS1142663 OS Watchdog pre-timeout Interrupt Cleared**

Explanation
OS Watchdog pre-timeout Interrupt Cleared

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS1208064 System Reconfigured**

Explanation
System Reconfigured

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS1208066 Undetermined system hardware failure**

Explanation
Undetermined system hardware failure

Severity
Critical

Serviceable with log
Yes

Automatically Notify Support
Yes

User Action
If Call Home has been enabled, Support has been notified. If Call Home has not been enabled, contact Support. To automatically notify Support for future events, enable Call Home through the LXCA web interface.

- **FQXTS1208067 SEL Entry added to Auxiliary Log**

Explanation

SEL Entry added to Auxiliary Log

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1208068 PEF Action is about to be taken. Event filters have been matched.**

Explanation

PEF Action is about to be taken. Event filters have been matched.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1208069 Timestamp Clock Synch**

Explanation

Timestamp Clock Synch

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1208192 System Reconfigured Event Cleared**

Explanation

System Reconfigured Event Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1208193 OEM System Boot Event Cleared**

Explanation

OEM System Boot Event Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1208194 Undetermined system hardware failure Cleared**

Explanation

Undetermined system hardware failure Cleared

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1208195 SEL Entry added to Auxiliary Log Deasserted**

Explanation

SEL Entry added to Auxiliary Log Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1208196 PEF Action Event Deasserted**

Explanation

PEF Action Event Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1208197 Timestamp Clock Synch Event Deasserted**

Explanation

Timestamp Clock Synch Event Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1273728 Front Panel NMI / Diagnostic Interrupt Cleared**

Explanation

Front Panel NMI / Diagnostic Interrupt Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1273729 Critical Interrupt, Bus Timeout error Cleared**

Explanation

Critical Interrupt, Bus Timeout error Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1273730 Critical Interrupt, IO Channel check NMI error Cleared**

Explanation

Critical Interrupt, IO Channel check NMI error Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1273731 Critical Interrupt, software NMI error Cleared**

Explanation

Critical Interrupt, software NMI error Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1273732 Critical Interrupt, PCI PERR parity error Cleared**

Explanation

Critical Interrupt, PCI PERR parity error Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1273733 Critical Interrupt, PCI SERR parity error Cleared**

Explanation

Critical Interrupt, PCI SERR parity error Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1273734 Critical Interrupt, EISA Fail Safe Timeout Event Cleared**

Explanation

Critical Interrupt, EISA Fail Safe Timeout Event Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1273735 Critical Interrupt, Bus Correctable Error Cleared**

Explanation

Critical Interrupt, Bus Correctable Error Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1273736 Critical Interrupt, Bus Uncorrectable error Cleared**

Explanation

Critical Interrupt, Bus Uncorrectable error Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1273737 Critical Interrupt, Fatal NMI error Cleared**

Explanation

Critical Interrupt, Fatal NMI error Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1273738 Critical Interrupt, Bus Fatal Error Cleared**

Explanation

Critical Interrupt, Bus Fatal Error Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1273739 Critical Interrupt, Bus Degraded (bus operating in a degraded performance state) Event Cleared**

Explanation

Critical Interrupt, Bus Degraded (bus operating in a degraded performance state) Event Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS131330 Under-Voltage Warning (Lower critical, going low)**

Explanation

Critical Under-Voltage problem (Lower critical, going low)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

1. Check the system-event log.
2. Check for an error LED on the system board.
3. Replace any failing device.
4. Check for a server firmware update.
5. Important: Some cluster solutions require specific code levels or coordinated code updates. If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before you update the code.
6. (Trained technician only) Replace the system board.

- **FQXTS131331 Under-Voltage Warning (Lower critical, going high)**

Explanation

Critical Under-Voltage problem (Lower critical, going high)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

1. Check the system-event log.
2. Check for an error LED on the system board.
3. Replace any failing device.

4. Check for a server firmware update.
5. Important: Some cluster solutions require specific code levels or coordinated code updates. If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before you update the code.
6. (Trained technician only) Replace the system board.

- **FQXTS131332 Under-Voltage Warning (Lower non-recoverable, going low)**

Explanation

Critical Under-Voltage problem (Lower non-recoverable, going low)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

1. Check the system-event log.
2. Check for an error LED on the system board.
3. Replace any failing device.
4. Check for a server firmware update.
5. Important: Some cluster solutions require specific code levels or coordinated code updates. If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before you update the code.
6. (Trained technician only) Replace the system board.

- **FQXTS131333 Under-Voltage Warning (Lower non-recoverable, going high)**

Explanation

Critical Under-Voltage problem (Lower non-recoverable, going high)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

1. Check the system-event log.
2. Check for an error LED on the system board.
3. Replace any failing device.
4. Check for a server firmware update.
5. Important: Some cluster solutions require specific code levels or coordinated code updates. If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before you update the code.
6. (Trained technician only) Replace the system board.

- **FQXTS131336 Over-Voltage Warning (Upper critical, going low)**

Explanation

Critical Over-Voltage problem (Upper critical, going low)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
 - a. Check power supply n LED.
 - b. Remove the failing power supply.
 - c. (Trained technician only) Replace the system board.

• **FQXTS131337 Over-Voltage Warning (Upper critical, going high)**

Explanation

Critical Over-Voltage problem (Upper critical, going high)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
 - a. Check power supply n LED.
 - b. Remove the failing power supply.
 - c. (Trained technician only) Replace the system board.

• **FQXTS131338 Over-Voltage Warning (Upper non-recoverable, going low)**

Explanation

Critical Over-Voltage problem (Upper non-recoverable, going low)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:

- a. Check power supply n LED.
- b. Remove the failing power supply.
- c. (Trained technician only) Replace the system board.

- **FQXTS131339 Over-Voltage Warning (Upper non-recoverable, going high)**

Explanation

Critical Over-Voltage problem (Upper non-recoverable, going high)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
 - a. Check power supply n LED.
 - b. Remove the failing power supply.
 - c. (Trained technician only) Replace the system board.

- **FQXTS131456 Under-Voltage Warning (Lower non-critical, going low) Cleared**

Explanation

Under-Voltage Warning (Lower non-critical, going low) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS131457 Under-Voltage Warning (Lower non-critical, going high)Cleared**

Explanation

Under-Voltage Warning (Lower non-critical, going high)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS131458 Under-Voltage Warning (Lower critical, going low)Cleared**

Explanation

Critical Under-Voltage problem (Lower critical, going low)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS131459 Under-Voltage Warning (Lower critical, going high) Cleared**

Explanation

Critical Under-Voltage problem (Lower critical, going high) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS131460 Under-Voltage Warning (Lower non-recoverable, going low)Cleared**

Explanation

Critical Under-Voltage problem (Lower non-recoverable, going low)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS131461 Under-Voltage Warning (Lower non-recoverable, going high) Cleared**

Explanation

Critical Under-Voltage problem (Lower non-recoverable, going high) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS131462 Over-Voltage Warning (Upper non-critical, going low) Cleared**

Explanation

Over-Voltage Warning (Upper non-critical, going low) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS131463 Over-Voltage Warning (Upper non-critical, going high)Cleared**

Explanation

Over-Voltage Warning (Upper non-critical, going high)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS131464 Over-Voltage Warning (Upper critical, going low) Cleared**

Explanation

Critical Over-Voltage problem (Upper critical, going low) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS131465 Over-Voltage Warning (Upper critical, going high)Cleared**

Explanation

Critical Over-Voltage problem (Upper critical, going high)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS131466 Over-Voltage Warning (Upper non-recoverable, going low)Cleared**

Explanation

Critical Over-Voltage problem (Upper non-recoverable, going low)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS131467 Over-Voltage Warning (Upper non-recoverable, going high) Cleared**

Explanation

Critical Over-Voltage problem (Upper non-recoverable, going high) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS131840 Generic Critical Voltage Problem Cleared**

Explanation

Generic Critical Voltage Problem Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS131841 Generic Critical Voltage Problem (Transition to Critical from less severe)**

Explanation

Generic Critical Voltage Problem (Transition to Critical from less severe)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.

2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
 - a. Check power supply n LED.
 - b. Remove the failing power supply.
 - c. (Trained technician only) Replace the system board.

- **FQXTS132864 Generic Critical Voltage Problem Cleared(Transition to OK)**

Explanation

Generic Critical Voltage Problem Cleared(Transition to OK)

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS132866 Generic Critical Voltage Problem (Transition to Critical from less severe)**

Explanation

Generic Critical Voltage Problem (Transition to Critical from less severe)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
 - a. Check power supply n LED.
 - b. Remove the failing power supply.
 - c. (Trained technician only) Replace the system board.

- **FQXTS132869 Generic Voltage Warning (Transition to Non-Recoverable)**

Explanation

Generic Voltage Warning (Transition to Non-Recoverable)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.

2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
 - a. Check power supply n LED.
 - b. Remove the failing power supply.
 - c. (Trained technician only) Replace the system board.

- **FQXTS132870 Generic Discrete Voltage (Monitor)**

Explanation

Generic Discrete Voltage (Monitor)

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS132871 Generic Discrete Voltage (Informational)**

Explanation

Generic Discrete Voltage (Informational)

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1339136 Power Button pressed.**

Explanation

Power Button pressed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1339137 Sleep Button pressed.**

Explanation

Sleep Button pressed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1339138 Reset Button pressed.**

Explanation

Reset Button pressed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1339139 FRU latch open**

Explanation

FRU latch open (Switch indicating FRU latch is in unlatched position and FRU is mechanically removable)

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1339140 FRU service request button**

Explanation

FRU service request button

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1339264 Power Button Released.**

Explanation

Power Button Released.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1339265 Sleep Button Released.**

Explanation

Sleep Button Released.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1339266 Reset Button Released.**

Explanation

Reset Button Released.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1339267 FRU latch Closed**

Explanation

FRU latch Closed (Switch indicating FRU latch is in latched position)

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1339268 FRU service request button Released**

Explanation

FRU service request button Released

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1377024 Module/Board State Deasserted**

Explanation

Module/Board State Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1377025 Module/Board State Asserted**

Explanation

Module/Board State Asserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1377280 Module/Board Predictive Failure Deasserted**

Explanation

Module/Board Predictive Failure Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1377281 Module/Board Predictive Failure Asserted**

Explanation

Module/Board Predictive Failure Asserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1442560 Microcontroller/Coprocessor State Deasserted**

Explanation

Microcontroller/Coprocessor State Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1442561 Microcontroller/Coprocessor State Asserted**

Explanation

Microcontroller/Coprocessor State Asserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1442816 Microcontroller/Coprocessor Predictive Failure Deasserted**

Explanation

Microcontroller/Coprocessor Predictive Failure Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1442817 Microcontroller/Coprocessor Predictive Failure Asserted**

Explanation

Microcontroller/Coprocessor Predictive Failure Asserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1508096 Add-in Card State Deasserted**

Explanation

Add-in Card State Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1508097 Add-in Card State Asserted**

Explanation

Add-in Card State Asserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1508352 Add-in Card Predictive Failure Deasserted**

Explanation

Add-in Card Predictive Failure Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1508353 Add-in Card Predictive Failure Asserted**

Explanation

Add-in Card Predictive Failure Asserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1573632 Chassis State Deasserted**

Explanation

Chassis State Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1573633 Chassis State Asserted**

Explanation

Chassis State Asserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1573888 Chassis Predictive Failure Deasserted**

Explanation

Chassis Predictive Failure Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1573889 Chassis Predictive Failure Asserted**

Explanation

Chassis Predictive Failure Asserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1639168 Chip Set State Deasserted**

Explanation

Chip Set State Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1639169 Chip Set State Asserted**

Explanation

Chip Set State Asserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1639424 Chip Set Predictive Failure Deasserted**

Explanation

Chip Set Predictive Failure Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1639425 Chip Set Predictive Failure Asserted**

Explanation

Chip Set Predictive Failure Asserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1666944 Soft Power Control Failure Cleared**

Explanation

Chip Set started responding to BMC request to change system power state.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1666945 Thermal Trip Cleared**

Explanation

Thermal Trip Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1704704 FRU State Deasserted**

Explanation

FRU State Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1704705 FRU State Asserted**

Explanation

FRU State Asserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1704960 FRU Predictive Failure Deasserted**

Explanation

FRU Predictive Failure Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1704961 FRU Predictive Failure Asserted**

Explanation

FRU Predictive Failure Asserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1770240 Cable / Interconnect State Deasserted**

Explanation

Cable / Interconnect State Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1770241 Cable / Interconnect State Asserted**

Explanation

Cable / Interconnect State Asserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1770496 Cable / Interconnect Predictive Failure Deasserted**

Explanation

Cable / Interconnect Predictive Failure Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1770497 Cable / Interconnect Predictive Failure Asserted**

Explanation

Cable / Interconnect Predictive Failure Asserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1771520 Cable / Interconnect Device Removed/Absent**

Explanation

Cable / Interconnect Device Removed/Absent

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1771521 Cable / Interconnect Device Inserted/Present**

Explanation

Cable / Interconnect Device Inserted/Present

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1797888 Cable/Interconnect is connected**

Explanation

Cable/Interconnect is connected

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1797889 Configuration Error**

Explanation

Configuration Error - Incorrect cable connected / Incorrect interconnection

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1798017 Configuration Error Cleared**

Explanation

Configuration Error Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1835776 Terminator State Deasserted**

Explanation

Terminator State Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1835777 Terminator State Asserted**

Explanation

Terminator State Asserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1836032 Terminator Predictive Failure Deasserted**

Explanation

Terminator Predictive Failure Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1836033 Terminator Predictive Failure Asserted**

Explanation

Terminator Predictive Failure Asserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1928960 System Boot / Restart Initiated by power up**

Explanation

System Boot / Restart Initiated by power up

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1928961 System Boot / Restart Initiated by Hard Reset**

Explanation

System Boot / Restart Initiated by Hard Reset

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1928962 System Boot / Restart Initiated by Warm Reset**

Explanation

System Boot / Restart Initiated by Warm Reset

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1928963 System Boot / Restart - User requested PXE boot**

Explanation

System Boot / Restart - User requested PXE boot

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1928964 System Boot / Restart - Automatic boot to diagnostic**

Explanation

System Boot / Restart - Automatic boot to diagnostic

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1928965 System Boot / Restart - OS / run-time software initiated hard reset**

Explanation

System Boot / Restart - OS / run-time software initiated hard reset

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1928966 System Boot / Restart - OS / run-time software initiated Warm reset**

Explanation

System Boot / Restart - OS / run-time software initiated Warm reset

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1928967 System Boot / Restart - Restart cause per Get System Restart Cause command**

Explanation

System Boot / Restart - Restart cause per Get System Restart Cause command

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1929088 System Boot / Restart Initiated by power up Deasserted**

Explanation

System Boot / Restart Initiated by power up Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1929089 System Boot / Restart Initiated by Hard Reset Deasserted**

Explanation

System Boot / Restart Initiated by Hard Reset Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1929090 System Boot / Restart Initiated by Warm Reset Deasserted**

Explanation

System Boot / Restart Initiated by Warm Reset Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1929091 System Boot / Restart - User requested PXE boot Deasserted**

Explanation

System Boot / Restart - User requested PXE boot Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1929092 System Boot / Restart - Automatic boot to diagnostic Deasserted**

Explanation

System Boot / Restart - Automatic boot to diagnostic Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1929093 System Boot / Restart - OS / run-time software initiated hard reset Deasserted**

Explanation

System Boot / Restart - OS / run-time software initiated hard reset Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1929094 System Boot / Restart - OS / run-time software initiated Warm reset Deasserted**

Explanation

System Boot / Restart - OS / run-time software initiated Warm reset Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1929095 System Boot / Restart - Restart cause per Get System Restart Cause command Deasserted**

Explanation

System Boot / Restart - Restart cause per Get System Restart Cause command Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS196866 Under-Current Warning (Lower critical, going low)**

Explanation

Critical Under-Current problem (Lower critical, going low)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
 - a. Check power supply n LED.
 - b. Remove the failing power supply.
 - c. (Trained technician only) Replace the system board.

• **FQXTS196867 Under-Current Warning (Lower critical, going high)**

Explanation

Critical Under-Current problem (Lower critical, going high)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
 - a. Check power supply n LED.
 - b. Remove the failing power supply.
 - c. (Trained technician only) Replace the system board.

• **FQXTS196868 Under-Current Warning (Lower non-recoverable, going low)**

Explanation

Critical Under-Current problem (Lower non-recoverable, going low)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
 - a. Check power supply n LED.
 - b. Remove the failing power supply.

c. (Trained technician only) Replace the system board.

- **FQXTS196869 Under-Current Warning (Lower non-recoverable, going high)**

Explanation

Critical Under-Current problem (Lower non-recoverable, going high)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
 - a. Check power supply n LED.
 - b. Remove the failing power supply.
 - c. (Trained technician only) Replace the system board.

- **FQXTS196872 Over-Current Warning (Upper critical, going low)**

Explanation

Critical Over-Current problem (Upper critical, going low)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

The specified power supply encountered an over-current error. The user action is to replace the power supply at the next scheduled maintenance opportunity.

- **FQXTS196873 Over-Current Warning (Upper critical, going high)**

Explanation

Critical Over-Current problem (Upper critical, going high)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

The specified power supply encountered an over-current error. The user action is to replace the power supply at the next scheduled maintenance opportunity.

- **FQXTS196874 Over-Current Warning (Upper non-recoverable, going low)**

Explanation

Critical Over-Current problem (Upper non-recoverable, going low)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

The specified power supply encountered an over-current error. The user action is to replace the power supply at the next scheduled maintenance opportunity.

- **FQXTS196875 Over-Current Warning (Upper non-recoverable, going high)**

Explanation

Critical Over-Current problem (Upper non-recoverable, going high)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

The specified power supply encountered an over-current error. The user action is to replace the power supply at the next scheduled maintenance opportunity.

- **FQXTS196992 Under-Current Warning (Lower non-critical, going low) Cleared**

Explanation

Under-Current Warning (Lower non-critical, going low) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS196993 Under-Current Warning (Lower non-critical, going high)Cleared**

Explanation

Under-Current Warning (Lower non-critical, going high)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS196994 Under-Current Warning (Lower critical, going low)Cleared**

Explanation

Critical Under-Current problem (Lower critical, going low)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS196995 Under-Current Warning (Lower critical, going high) Cleared**

Explanation

Critical Under-Current problem (Lower critical, going high) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS196996 Under-Current Warning (Lower non-recoverable, going low)Cleared**

Explanation

Critical Under-Current problem (Lower non-recoverable, going low)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS196997 Under-Current Warning (Lower non-recoverable, going high) Cleared**

Explanation

Critical Under-Current problem (Lower non-recoverable, going high) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS196998 Over-Current Warning (Upper non-critical, going low) Cleared**

Explanation

Over-Current Warning (Upper non-critical, going low) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS196999 Over-Current Warning (Upper non-critical, going high)Cleared**

Explanation

Over-Current Warning (Upper non-critical, going high)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS197000 Over-Current Warning (Upper critical, going low) Cleared**

Explanation

Critical Over-Current problem (Upper critical, going low) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS197001 Over-Current Warning (Upper critical, going high)Cleared**

Explanation

Critical Over-Current problem (Upper critical, going high)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS197002 Over-Current Warning (Upper non-recoverable, going low)Cleared**

Explanation

Critical Over-Current problem (Upper non-recoverable, going low)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS197003 Over-Current Warning (Upper non-recoverable, going high) Cleared**

Explanation

Critical Over-Current problem (Upper non-recoverable, going high) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1994496 Boot Error - No bootable media**

Explanation

Boot Error - No bootable media

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Install and configure a boot media. Then, attempt to power on and boot the server again.

- **FQXTS1994498 Boot Error - PXE Server not found**

Explanation

Boot Error - PXE Server not found

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Complete the following steps to resolve this issue:

1. Check the LEDs on the network adapter (NIC).

2. Verify that the network cable is connected.
3. Verify that the PXE server is functional.

- **FQXTS1994499 Boot Error - Invalid boot sector**

Explanation

Boot Error - Invalid boot sector

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Complete the following steps to resolve the issue:

1. Replace the hard drive.
2. Rebuild the array.

- **FQXTS1994500 Boot Error - Timeout waiting for user selection of boot source**

Explanation

Boot Error - Timeout waiting for user selection of boot source

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1994624 Found bootable media**

Explanation

Found bootable media

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1994625 Bootable diskette Found**

Explanation

Bootable diskette Found

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1994626 PXE Server found**

Explanation

PXE Server found

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1994627 Found Valid boot sector**

Explanation

Found valid boot sector

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS1994628 User selected boot source**

Explanation

User selected boot source

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2060032 A: boot completed**

Explanation

A: boot completed

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2060033 C: boot completed**

Explanation

C: boot completed

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2060034 PXE boot completed**

Explanation

PXE boot completed

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2060035 Diagnostic boot completed**

Explanation

Diagnostic boot completed

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2060036 CDRM boot completed**

Explanation

CDROM boot completed

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2060037 ROM boot completed**

Explanation

ROM boot completed

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2060038 Boot completed - boot device not specified**

Explanation

Boot completed - boot device not specified

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2125570 OS Stop / Shutdown - Graceful Stop**

Explanation

OS Stop / Shutdown - Graceful Stop (system powered up, but normal OS operation has shut down and system is awaiting reset pushbutton, powercycle or other external input)

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2125571 OS Stop / Shutdown - Graceful Shutdown**

Explanation

OS Stop / Shutdown - Graceful Shutdown (system graceful power down by OS)

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2125572 OS Stop / Shutdown - Soft Shutdown initiated by PEF**

Explanation

OS Stop / Shutdown - Soft Shutdown initiated by PEF

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2125696 OS Stop / Shutdown - Stop during OS load / initialization Deasserted**

Explanation

OS Stop / Shutdown - power cycle/reset Done

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2125697 OS Stop / Shutdown - Run-time INFORMATIONAL Stop Deasserted**

Explanation

OS Stop / Shutdown -Power Cycle/Reset Done

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2125698 OS Stop / Shutdown - Graceful Stop Deasserted**

Explanation

OS Stop / Shutdown - System powered up by reset pushbutton, powercycle or other external input

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2125699 OS Stop / Shutdown - Graceful Shutdown Deasserted**

Explanation

OS Stop / Shutdown - System powered by reset pushbutton, powercycle or other external input

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2125700 OS Stop / Shutdown - Soft Shutdown Deasserted**

Explanation

OS Stop / Shutdown - System powered by reset pushbutton, powercycle or other external input

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2125701 OS Stop / Shutdown - Agent Started Responding**

Explanation

OS Stop / Shutdown - Agent Started Responding

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191104 Slot / Connector - Fault Status asserted**

Explanation

Slot / Connector - Fault Status asserted

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191105 Slot / Connector - Identify Status asserted**

Explanation

Slot / Connector - Identify Status asserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191106 Slot / Connector - Device installed/attached**

Explanation

Slot / Connector - Device installed/attached

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191107 Slot / Connector - Ready for Device Installation**

Explanation

Slot / Connector - Ready for Device Installation. Typically, this means that the slot power is off

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191108 Slot / Connector - Ready for Device Removal**

Explanation

Slot / Connector - Ready for Device Removal. Typically, this means that the slot power is off

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191109 Slot / Connector - Slot Power is Off**

Explanation

Slot / Connector - Slot Power is Off

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191110 Slot / Connector - Device Removal Request**

Explanation

Slot / Connector - Device Removal Request

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191111 Slot / Connector - Interlock asserted**

Explanation

Slot / Connector - Interlock asserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191112 Slot / Connector - Disabled**

Explanation

Slot / Connector - Disabled

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191113 Slot / Connector - holds spare device**

Explanation

Slot / Connector - holds spare device

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191232 Slot / Connector - Fault Status Deasserted**

Explanation

Slot / Connector - Fault Status Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191233 Slot / Connector - Identify Status Deasserted**

Explanation

Slot / Connector - Identify Status Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191234 Slot / Connector - Device Uninstalled/Removed**

Explanation

Slot / Connector - Device Uninstalled/Removed

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191235 Slot / Connector - Not Ready for Device Installation**

Explanation

Slot / Connector - Not Ready for Device Installation. Typically, this means that the slot power is on

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191236 Slot / Connector - Ready for Device Removal**

Explanation

Slot / Connector - Not Ready for Device Removal. Typically, this means that the slot power is on

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191237 Slot / Connector - Slot Power is On**

Explanation

Slot / Connector - Slot Power is On

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191238 Slot / Connector - Device Removal Request Processed**

Explanation

Slot / Connector - Device Removal Request Processed

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191239 Slot / Connector - Interlock Deasserted**

Explanation

Slot / Connector - Interlock Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191240 Slot / Connector - Enabled**

Explanation

Slot / Connector - Enabled

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2191241 Slot / Connector - frees spare device**

Explanation

Slot / Connector - frees spare device

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2256640 System ACPI Power State - S0 / G0**

Explanation

System ACPI Power State - S0 / G0 - Working

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2256641 System ACPI Power State - S1**

Explanation

System ACPI Power State - S1 - sleeping with system h/w and processor context maintained

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2256642 System ACPI Power State - S2**

Explanation

System ACPI Power State - S2 sleeping, processor context lost

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2256643 System ACPI Power State - S3 - sleeping, processor and h/w context lost, memory retained**

Explanation

System ACPI Power State - S3

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2256644 System ACPI Power State - S4**

Explanation

System ACPI Power State - S4 - non-volatile sleep / suspend-to disk

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2256645 System ACPI Power State - S5 / G2**

Explanation

System ACPI Power State - S5 / G2 - soft-off

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2256646 System ACPI Power State - S4 / S5 soft-off**

Explanation

System ACPI Power State - S4 / S5 soft-off, particular S4 / S5 state cannot be determi

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2256647 System ACPI Power State - G3**

Explanation

System ACPI Power State - G3 - Mechanical Off

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2256648 System ACPI Power State - Sleeping in an SSor S3 states**

Explanation

System ACPI Power State - Sleeping in an SSor S3 states

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2256649 System ACPI Power State - G1**

Explanation

System ACPI Power State - G1 - sleeping (S1-S4 state cannot be determined)

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2256650 System ACPI Power State - S5 entered by override**

Explanation

System ACPI Power State - S5 entered by override

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2256651 System ACPI Power State - Legacy ON state**

Explanation

System ACPI Power State - Legacy ON state

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2256652 System ACPI Power State - Legacy OFF state**

Explanation

System ACPI Power State - Legacy OFF state

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2256654 System ACPI Power State - Unknown**

Explanation

System ACPI Power State - Unknown

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2322180 Watchdog Timer reserved 04**

Explanation

Watchdog Timer reserved 04

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2322181 Watchdog Timer reserved 05**

Explanation

Watchdog Timer reserved 05

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2322182 Watchdog Timer reserved 06**

Explanation

Watchdog Timer reserved 06

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS2322183 Watchdog Timer reserved 07**

Explanation
Watchdog Timer reserved 07

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS2322184 Watchdog Timer interrupt**

Explanation
Watchdog Timer interrupt

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS2322308 Watchdog Timer reserved 04 Deasserted**

Explanation
Watchdog Timer reserved 04 Deasserted

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS2322309 Watchdog Timer reserved 05 Deasserted**

Explanation
Watchdog Timer reserved 05 Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2322310 Watchdog Timer reserved 06 Deasserted**

Explanation

Watchdog Timer reserved 06 Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2322311 Watchdog Timer reserved 07 Deasserted**

Explanation

Watchdog Timer reserved 07 Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2322312 Watchdog Timer interrupt Deasserted**

Explanation

Watchdog Timer interrupt Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2387712 Platform Alert- platform generated page**

Explanation

Platform Alert - platform generated page

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS2387713 Platform Alert- platform generated LAN alert**

Explanation
Platform Alert - platform generated LAN alert

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS2387714 Platform Alert- Platform Event Trap generated (formatted per IPMI PET specification)**

Explanation
Platform Alert - Platform Event Trap generated

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS2387715 Platform Alert- platform generated SNMP trap, OEM format**

Explanation
Platform Alert - platform generated SNMP trap, OEM format

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS2426880 A device is absent or has been removed.**

Explanation

A device is absent or has been removed.

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Complete the following steps to resolve the issue:

1. If the device was removed intentionally, no action is required.
2. Make sure that the device is seated properly.
3. If the device is seated properly, replace the device.

• **FQXTS2426881 A device is present or has been inserted.**

Explanation

A device is present or has been inserted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

• **FQXTS2453248 Entity Present**

Explanation

The Entity identified by the Entity ID for the sensor is present.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

• **FQXTS2453249 Entity Absent.**

Explanation

The Entity identified by the Entity ID for the sensor is Absent.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2453250 Entity Disabled.**

Explanation

The Entity identified by the Entity ID for the sensor is Disabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2491392 Monitor ASIC / IC Failure Deasserted**

Explanation

Monitor ASIC / IC Failure Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS262402 Fan Under Speed Warning (Lower critical, going low)**

Explanation

Critical Fan Under Speed problem (Lower critical, going low)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS262403 Fan Under Speed Warning (Lower critical, going high)**

Explanation

Critical Fan Under Speed problem (Lower critical, going high)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS262404 Fan Under Speed Warning (Lower non-recoverable, going low)**

Explanation

Critical Fan Under Speed problem (Lower non-recoverable, going low)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS262405 Fan Under Speed Warning (Lower non-recoverable, going high)**

Explanation

Critical Fan Under Speed problem (Lower non-recoverable, going high)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS262408 Fan Over Speed Warning (Upper critical, going low)**

Explanation

Critical Fan Over Speed problem (Upper critical, going low)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS262409 Fan Over Speed Warning (Upper critical, going high)**

Explanation

Critical Fan Over Speed problem (Upper critical, going high)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS262410 Fan Over Speed Warning (Upper non-recoverable, going low)**

Explanation

Critical Fan Over Speed problem (Upper non-recoverable, going low)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS262411 Fan Over Speed Warning (Upper non-recoverable, going high)**

Explanation

Critical Fan Over Speed problem (Upper non-recoverable, going high)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS262528 Fan Under Speed Warning (Lower non-critical, going low) Cleared**

Explanation

Fan Under Speed Warning (Lower non-critical, going low) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS262529 Fan Under Speed Warning (Lower non-critical, going high)Cleared**

Explanation

Fan Under Speed Warning (Lower non-critical, going high)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS262530 Fan Under Speed Warning (Lower critical, going low)Cleared**

Explanation

Critical Fan Under Speed problem (Lower critical, going low)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS262531 Fan Under Speed Warning (Lower critical, going high) Cleared**

Explanation

Critical Fan Under Speed problem (Lower critical, going high) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS262532 Fan Under Speed Warning (Lower non-recoverable, going low)Cleared**

Explanation

Critical Fan Under Speed problem (Lower non-recoverable, going low)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS262533 Fan Under Speed Warning (Lower non-recoverable, going high) Cleared**

Explanation

Critical Fan Under Speed problem (Lower non-recoverable, going high) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS262534 Fan Over Speed Warning (Upper non-critical, going low) Cleared**

Explanation

Fan Over Speed Warning (Upper non-critical, going low) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS262535 Fan Over Speed Warning (Upper non-critical, going high)Cleared**

Explanation

Fan Over Speed Warning (Upper non-critical, going high)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS262536 Fan Over Speed Warning (Upper critical, going low) Cleared**

Explanation

Critical Fan Over Speed problem (Upper critical, going low) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS262537 Fan Over Speed Warning (Upper critical, going high)Cleared**

Explanation

Critical Fan Over Speed problem (Upper critical, going high)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS262538 Fan Over Speed Warning (Upper non-recoverable, going low)Cleared**

Explanation

Critical Fan Over Speed problem (Upper non-recoverable, going low)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS262539 Fan Over Speed Warning (Upper non-recoverable, going high) Cleared**

Explanation

Critical Fan Over Speed problem (Upper non-recoverable, going high) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS264192 Fan Removed/Absent**

Explanation

Fan Removed/Absent

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Complete the following steps to resolve the issue:

1. If the fan was removed intentionally, reinstall the fan.
2. Make sure that the fan is seated properly.
3. If the fan is seated properly, replace the fan.

- **FQXTS264193 Fan Inserted/Present**

Explanation

Fan Inserted/Present

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS264321 Fan Inserted/Present Deasserted**

Explanation

Fan Inserted/Present Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS264960 Fan redundancy has returned to Normal**

Explanation

Fan redundancy has returned to Normal

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS264961 Fan Redundancy has been Lost**

Explanation

Fan Redundancy has been Lost

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Complete the following steps to resolve the issue:

1. Make sure that the fan is not missing or unplugged.
2. Check the fan LEDs.
3. Replace the affected fan.

- **FQXTS2649984 Sensor access Available**

Explanation

Sensor access Available

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2649985 Controller access Available**

Explanation

Controller access Available

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2649986 Management controller online**

Explanation

Management controller online

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2649987 Management controller Available**

Explanation

Management controller Available

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2649988 Sensor failure Deasserted**

Explanation

Sensor failure Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2649989 FRU failure Deasserted**

Explanation

FRU failure Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2715393 Battery Failed**

Explanation

Battery Failed

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. If the system was recently installed, moved, or serviced, make sure that the battery is seated properly.
2. Check the Support site for an applicable service bulletins or firmware updates that might apply to this error.
3. Replace the battery.

- **FQXTS2715394 Battery presence detected**

Explanation

Battery presence detected

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2780928 Session Activated**

Explanation

Session Activated

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2846464 Hardware Version change detected**

Explanation

Hardware Version change detected with associated Entity

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2846465 Firmware or Software version change detected**

Explanation

Firmware or Software version change detected with associated Entity

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2846466 Hardware Incombability detected**

Explanation

Hardware Incombability detected with associated Entity

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2846467 Firmware Or SoftwareVersion Incompatibility detected**

Explanation

Firmware Or Software Version Incompatibility detected with associated Entity

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2846468 Entity is of an invalid or unsupported hardware version**

Explanation

Entity is of an invalid or unsupported hardware version

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2846469 Entity contains an invalid or unsupported firmware or software version**

Explanation

Entity contains an invalid or unsupported firmware or software version

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2846470 Hardware Change detected with associated Entity was successful**

Explanation

Hardware Change detected with associated Entity was successful

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2846471 Software or F/W Change detected with associated Entity was successful.**

Explanation

Software or F/W Change detected with associated Entity was successful.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2846598 Hardware Change detected with associated Entity was not successful**

Explanation

Hardware Change detected with associated Entity was not successful

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2846599 Software or F/W Change detected with associated Entity was not successful.**
 - Explanation**
Software or F/W Change detected with associated Entity was not successful.
 - Severity**
Informational
 - Serviceable with log**
No
 - Automatically Notify Support**
No
 - User Action**
Information only; no action is required.
- **FQXTS2912000 FRU Not Installed**
 - Explanation**
FRU Not Installed
 - Severity**
Informational
 - Serviceable with log**
No
 - Automatically Notify Support**
No
 - User Action**
Information only; no action is required.
- **FQXTS2912001 FRU Inactive**
 - Explanation**
FRU Inactive
 - Severity**
Informational
 - Serviceable with log**
No
 - Automatically Notify Support**
No
 - User Action**
Information only; no action is required.
- **FQXTS2912002 FRU Activation Requested**
 - Explanation**
FRU Activation Requested
 - Severity**
Informational
 - Serviceable with log**
No
 - Automatically Notify Support**
No
 - User Action**
Information only; no action is required.

- **FQXTS2912003 FRU Activation In Progress**

Explanation

FRU Activation In Progress

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2912004 FRU Active**

Explanation

FRU Active

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2912005 FRU Deactivation Requested**

Explanation

FRU Deactivation Requested

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2912006 FRU Deactivation In Progress**

Explanation

FRU Deactivation In Progress

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2912007 FRU Communication Lost**

Explanation

FRU Communication Lost

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS2912008 Chassis control command action event**

Explanation

Chassis control command action event

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS356096 Chassis Intrusion - Physical Security Violation**

Explanation

Chassis Intrusion - Physical Security Violation

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Complete the following steps to resolve the issue:

1. Verify that the C2 switch is depressed fully.
2. Verify that the cover is seated properly.
3. Replace the C2 switch.

- **FQXTS356100 LAN Leash Lost**

Explanation

LAN Leash Lost

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Complete the following steps to resolve the issue:

1. Verify that the LAN cable is connected properly.
2. Reseat the LAN cable.
3. Replace the LAN cable.

- **FQXTS356224 Chassis Intrusion(Physical Security Violation) Event Cleared**

Explanation

Chassis Intrusion (Physical Security Violation) Event Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS356225 Chassis Intrusion - Drive Bay Violation Cleared**

Explanation

Chassis Intrusion - Drive Bay Violation Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS356226 I/O Card Area Intrusion Cleared**

Explanation

I/O Card Area Intrusion Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS356227 Processor Area Intrusion Cleared**

Explanation

Processor Area Intrusion Cleared

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS356228 LAN Leash Lost Cleared**

Explanation
LAN Leash Lost

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS356229 Unauthorized dock Cleared**

Explanation
Unauthorized dock Cleared

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS356230 Fan Area Intrusion Cleared**

Explanation
Fan Area Intrusion Cleared

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS421633 User Password Violation Attempt**

Explanation
User Password Violation Attempt

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Complete the following steps to resolve the issue:

1. Make sure that the correct login ID and password are being used.
2. Have the system administrator reset the login ID or password.

- **FQXTS421634 Setup Password Violation Attempt**

Explanation

Setup Password Violation Attempt

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Make sure that the correct setup password is being used.

- **FQXTS421635 Network boot Password Violation Attempt**

Explanation

Network Boot Password Violation Attempt

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Complete the following steps to resolve the issue:

1. Make sure that the correct login ID and password are being used.
2. Have the system administrator reset the login ID or password.

- **FQXTS421636 Other pre-boot Password Violation Attempt**

Explanation

Other Pre-boot Password Violation Attempt

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Complete the following steps to resolve the issue:

1. Make sure that the correct login ID and password are being used.
2. Have the system administrator reset the login ID or password.

- **FQXTS421637 Out-of-band access Violation Attempt**

Explanation

Out-of-band access Violation Attempt

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Complete the following steps to resolve the issue:

1. Make sure that the correct login ID and password are being used.
2. Have the system administrator reset the login ID or password.

- **FQXTS421760 Secure Mode Violation Attempt Cleared**

Explanation

Secure Mode Violation Attempt Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS421761 User Password Violation Attempt Cleared**

Explanation

User Password Violation Attempt Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS421762 Setup Password Violation Attempt Cleared**

Explanation

Setup Password Violation Attempt Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS421763 Network boot Password Violation Attempt Cleared**

Explanation

Network Boot Password Violation Attempt Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS421764 Other pre-boot Password Violation Attempt Cleared**

Explanation

Other Pre-boot Password Violation Attempt Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS421765 Out-of-band access Violation Attempt Cleared**

Explanation

Out-of-band access Violation Attempt Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS459521 Uncorrectable processor error detected**

Explanation

Uncorrectable processor error detected

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Check the Support site for an applicable service bulletin or firmware update that applies to this error.
2. Reboot system. If problem persists, contact Support.

- **FQXTS459649 Uncorrectable processor error cleared**

Explanation

Uncorrectable processor error cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS487168 Processor Internal Error**

Explanation

Processor Internal Error

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Check the Support site for an applicable service bulletin or firmware update that applies to this error.
2. Reboot system. If problem persists, contact Support.

- **FQXTS487169 Processor Thermal Trip (Over Temperature Shutdown)**

Explanation

Processor Thermal Trip (Over Temperature Shutdown)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Check the event log for any fan, cooling, or power related issues.
2. Make sure that the airflow at the front and rear of the server is not obstructed and that fillers are in place and correctly installed.
3. Make sure that the room temperature is within operating specifications.

- **FQXTS487170 Processor Fault Resilient Booting (FRB) 1 / Processor BIST (Built In Self Test) Failure**

Explanation

Processor Fault Resilient Booting (FRB) 1 / BIST (Built In Self Test) Failure

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. If the processor or firmware was just updated, check the Support site for an applicable service bulletin or firmware update that applies to this processor error.
2. If there are multiple processors, swap processors to move affected processor to another processor socket and retry. If the problem follows the affected processor, or this is a single processor system, replace the processor. Inspect the processor socket on each processor removal and replace system board first if the processor socket is damaged or mis-aligned pins are found.
3. Replace the system board.

- **FQXTS487173 Processor Configuration Error**

Explanation

Processor Configuration Error

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Check the event log for other events related to processor configuration issues. Resolve those issues first.
2. If the problem persists, make sure that matching processors are installed (matching option part numbers).
3. Make sure that the processors are installed in the correct socket.
4. Check the Support site for any applicable service bulletins or firmware updates that might apply to this processor error.

- **FQXTS487175 Processor Presence Detected**

Explanation

Processor Presence Detected

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS487176 Processor Disabled**

Explanation
Processor Disabled

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS487177 Terminator Presence Detected**

Explanation
Terminator Presence Detected

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS487296 Processor Internal Error Cleared**

Explanation
Processor Internal Error Cleared

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS487297 Processor Thermal Trip (Over Temperature Shutdown) Cleared**

Explanation
Processor Thermal Trip (Over Temperature Shutdown) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS487298 Processor BIST (Built In Self Test) Failure Cleared**

Explanation

Processor BIST (Built In Self Test) Failure Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS487299 Processor Fault Resilient Booting (FRB) 2 / Hang in Power On Self Test (POST) Failure Cleared**

Explanation

Processor Fault Resilient Booting (FRB) 2 / Hang in Power On Self Test (POST) Failure Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS487300 Processor Fault Resilient Booting (FRB) 3 / Processor Setup / Initialization Failure Cleared**

Explanation

Processor Fault Resilient Booting (FRB) 3 / Processor Setup / Initialization Failure Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS487301 Processor Configuration Error Cleared**

Explanation

Processor Configuration Error Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS487303 Processor Presence Deasserted**

Explanation

Processor Presence Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS487304 Processor Disabled Deasserted**

Explanation

Processor Disabled Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS487306 Processor Throttle Cleared (Normal Processor Speed)**

Explanation

Processor Throttle Cleared (Normal Processor Speed)

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS487308 Correctable Machine Check Error Cleared**

Explanation

Correctable Machine Check Error Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS525056 Power Supply is disconnected from AC Power.**

Explanation

Power Supply is disconnected from AC Power.

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Complete the following steps to resolve the issue:

1. Make sure that all power supplies are functioning properly and that all AC power cords are attached.
2. Install additional power supplies if needed.

- **FQXTS525057 Power Supply is connected to AC Power.**

Explanation

Power Supply is connected to AC Power.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS525568 Power Supply Limit Not Exceeded**

Explanation

Power Supply Limit Not Exceeded

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS525569 Power Supply Limit Exceeded**

Explanation

Power Supply Limit Exceeded

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS527104 Power Supply Redundancy Has Returned to Normal**

Explanation

Power Supply Redundancy Has Returned to Normal

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS527105 Power Supply Redundancy has been Lost**

Explanation

Power Supply Redundancy has been Lost

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Complete the following steps to resolve this issue:

1. Make sure that a power supply is not missing or unplugged.
2. Check the power supply LEDs.
3. Replace the affected power supply.

- **FQXTS527233 Power Supply Redundancy has been Lost Recovery**

Explanation

Power Supply Redundancy has been Lost Recovery

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS552704 Power Supply Inserted**

Explanation

Power Supply Inserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS552705 Power Supply failure detected**

Explanation

Power supply Failure detected

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Check the power supply LEDs.
2. Replace the failing power supply.

- **FQXTS552707 Power Supply AC Lost**

Explanation

Power Supply AC Lost

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Complete the following steps to resolve the issue:

1. Check the event log for any other events related to power supplies and resolve those events.
2. Check the line feeds.

- **FQXTS552708 Power Supply input lost or out-of-range**

Explanation

Power Supply input lost or out-of-range

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Complete the following steps to resolve the issue:

1. Check the event log for any other events related to power supplies and resolve those events.
2. Check the line feeds.

- **FQXTS552709 Power Supply input out-of-range, but present**

Explanation

Power Supply input out-of-range, but present

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Complete the following steps to resolve the issue:

1. Check the event log for any other events related to power supplies and resolve those events.
2. Check the line feeds.

- **FQXTS552833 Power Supply Failure Cleared**

Explanation

Power Supply Failure Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS552834 Power Supply Warning Cleared**

Explanation

Power Supply Warning Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS552835 Power Supply AC Restored**

Explanation

Power Supply AC Restored

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS552836 Power Supply input lost or out-of-range Restored**

Explanation

Power Supply input lost or out-of-range Restored

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS552837 Power Supply input out-of-range restored**

Explanation

Power Supply input out-of-range restored

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS590593 Host power-on sequence has been completed successfully.**

Explanation

Host power-on sequence has been completed successfully

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS592640 Power Unit Redundancy has been restored**

Explanation

Power Unit Redundancy has been restored

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS592641 Power Unit Redundancy has been Lost**

Explanation

Power Unit Redundancy has been Lost

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Complete the following steps to resolve this issue:

1. Make sure that a power supply is not missing or unplugged.
2. Check the power supply LEDs.
3. Replace the affected power supply.

- **FQXTS618240 Power unit is off.**

Explanation

Power unit is off.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS618241 Power unit is power cycled**

Explanation

Power unit is power cycled

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS618242 Power unit 240VA Power Down**

Explanation

Power unit 240VA Power Down

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS618243 Power unit Interlock Power Down**

Explanation

Power unit Interlock Power Down

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS618244 Power unit AC lost / Power input lost**

Explanation

Power unit AC lost / Power input lost

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS618245 Soft Power Control Failure**

Explanation

Soft Power Control Failure

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS618246 Power Unit Failure detected**

Explanation
Power Unit Failure detected

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS618247 Power Unit Predictive Failure**

Explanation
Power Unit Predictive Failure

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS618368 Power Unit is on.**

Explanation
Power Unit is on.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS618369 Power unit - Power Cycle Completed**

Explanation
Power unit - Power Cycle Completed

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS618370 Power unit 240VA Power Up**

Explanation

Power unit 240VA Power Up

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS618371 Power unit Interlock Power Up**

Explanation

Power unit Interlock Power Up

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS618372 Power unit AC/Power input restored**

Explanation

Power unit AC/Power input restored

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS618373 Soft Power Control Failure Cleared**

Explanation

Soft Power Control Failure Cleared

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS618374 Power Unit Failure Cleared**

Explanation
Power Unit Failure Cleared

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS618375 Power Unit Predictive Failure Cleared**

Explanation
Power Unit Predictive Failure Cleared

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS655618 Cooling Device Under Speed Warning (Lower critical, going low)**

Explanation
Critical Cooling Device Under Speed problem (Lower critical, going low)

Severity
Critical

Serviceable with log
Yes

Automatically Notify Support
Yes

User Action
Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS655619 Cooling Device Under Speed Warning (Lower critical, going high)**

Explanation

Critical Cooling Device Under Speed problem (Lower critical, going high)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS655620 Cooling Device Under Speed Warning (Lower non-recoverable, going low)**

Explanation

Critical Cooling Device Under Speed problem (Lower non-recoverable, going low)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS655621 Cooling Device Under Speed Warning (Lower non-recoverable, going high)**

Explanation

Critical Cooling Device Under Speed problem (Lower non-recoverable, going high)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS655622 Cooling Device Over Speed Warning (Upper non-critical, going low)**

Explanation

Cooling Device Over Speed Warning (Upper non-critical, going low)

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS655624 Cooling Device Over Speed Warning (Upper critical, going low)**

Explanation

Critical Cooling Device Over Speed problem (Upper critical, going low)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS655625 Cooling Device Over Speed Warning (Upper critical, going high)**

Explanation

Critical Cooling Device Over Speed problem (Upper critical, going high)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS655626 Cooling Device Over Speed Warning (Upper non-recoverable, going low)**

Explanation

Critical Cooling Device Over Speed problem (Upper non-recoverable, going low)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS655627 Cooling Device Over Speed Warning (Upper non-recoverable, going high)**

Explanation

Critical Cooling Device Over Speed problem (Upper non-recoverable, going high)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS655744 Cooling Device Under Speed Warning (Lower non-critical, going low) Cleared**

Explanation

Cooling Device Under Speed Warning (Lower non-critical, going low) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS655745 Cooling Device Under Speed Warning (Lower non-critical, going high)Cleared**

Explanation

Cooling Device Under Speed Warning (Lower non-critical, going high)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS655746 Cooling Device Under Speed Warning (Lower critical, going low)Cleared**

Explanation

Critical Cooling Device Under Speed problem (Lower critical, going low)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS655747 Cooling Device Under Speed Warning (Lower critical, going high) Cleared**

Explanation

Critical Cooling Device Under Speed problem (Lower critical, going high) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS655748 Cooling Device Under Speed Warning (Lower non-recoverable, going low)Cleared**

Explanation

Critical Cooling Device Under Speed problem (Lower non-recoverable, going low)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS655749 Cooling Device Under Speed Warning (Lower non-recoverable, going high) Cleared**

Explanation

Critical Cooling Device Under Speed problem (Lower non-recoverable, going high) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS655750 Cooling Device Over Speed Warning (Upper non-critical, going low) Cleared**

Explanation

Cooling Device Over Speed Warning (Upper non-critical, going low) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS655751 Cooling Device Over Speed Warning (Upper non-critical, going high)Cleared**

Explanation

Cooling Device Over Speed Warning (Upper non-critical, going high)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS655752 Cooling Device Over Speed Warning (Upper critical, going low) Cleared**

Explanation

Critical Cooling Device Over Speed problem (Upper critical, going low) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS655753 Cooling Device Over Speed Warning (Upper critical, going high)Cleared**

Explanation

Critical Cooling Device Over Speed problem (Upper critical, going high)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS655754 Cooling Device Over Speed Warning (Upper non-recoverable, going low)Cleared**

Explanation

Critical Cooling Device Over Speed problem (Upper non-recoverable, going low)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS655755 Cooling Device Over Speed Warning (Upper non-recoverable, going high) Cleared**

Explanation

Critical Cooling Device Over Speed problem (Upper non-recoverable, going high) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS657408 Cooling Device Removed/Absent**

Explanation

Cooling Device Removed/Absent

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Complete the following steps to resolve the issue:

1. If the fan was removed intentionally, reinstall the fan.
2. Make sure that the fan is seated properly.
3. If the fan is seated properly, replace the fan.

- **FQXTS657409 Cooling Device Inserted/Present**

Explanation

Cooling Device Inserted/Present

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS65794 Under-Temperature Warning (Lower critical, going low)**

Explanation

Critical Under-Temperature problem (Lower critical, going low)

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Complete the following steps to resolve this issue:

1. Check the event log and resolve any fan or cooling related issues.
2. Make sure that the room temperature is within operating specifications.
3. Update the ThinkServer System Manager (TSM) firmware.

- **FQXTS65795 Under-Temperature Warning (Lower critical, going high)**

Explanation

Critical Under-Temperature problem (Lower critical, going high)

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Complete the following steps to resolve this issue:

1. Check the event log and resolve any fan or cooling related issues.
2. Make sure that the room temperature is within operating specifications.
3. Update the ThinkServer System Manager (TSM) firmware.

- **FQXTS65796 Under-Temperature Warning (Lower non-recoverable, going low)**

Explanation

Critical Under-Temperature problem (Lower non-recoverable, going low)

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Complete the following steps to resolve this issue:

1. Check the event log and resolve any fan or cooling related issues.
2. Make sure that the room temperature is within operating specifications.
3. Update the ThinkServer System Manager (TSM) firmware.

- **FQXTS65797 Under-Temperature Warning (Lower non-recoverable, going high)**

Explanation

Critical Under-Temperature problem (Lower non-recoverable, going high)

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Complete the following steps to resolve this issue:

1. Check the event log and resolve any fan or cooling related issues.
2. Make sure that the room temperature is within operating specifications.
3. Update the ThinkServer System Manager (TSM) firmware.

• **FQXTS65800 Over-Temperature Warning (Upper critical, going low)**

Explanation

Critical Over-Temperature problem (Upper critical, going low)

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Complete the following steps to resolve this issue:

1. Check the event log and resolve any fan or cooling related issues.
2. Make sure that the airflow at the front and rear of the server are not obstructed.
3. Make sure that the room temperature is within operating specifications.
4. Update the ThinkServer System Manager (TSM) firmware.

• **FQXTS65801 Over-Temperature Warning (Upper critical, going high)**

Explanation

Critical Over-Temperature problem (Upper critical, going high)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve this issue:

1. Check the event log and resolve any fan or cooling related issues.
2. Make sure that the airflow at the front and rear of the server are not obstructed.
3. Make sure that the room temperature is within operating specifications.
4. Update the ThinkServer System Manager (TSM) firmware.

• **FQXTS65802 Over-Temperature Warning (Upper non-recoverable, going low)**

Explanation

Critical Over-Temperature problem (Upper non-recoverable, going low)

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Complete the following steps to resolve this issue:

1. Check the event log and resolve any fan or cooling related issues.
2. Make sure that the airflow at the front and rear of the server are not obstructed.
3. Make sure that the room temperature is within operating specifications.
4. Update the ThinkServer System Manager (TSM) firmware.

- **FQXTS65803 Over-Temperature Warning (Upper non-recoverable, going high)**

Explanation

Critical Over-Temperature problem (Upper non-recoverable, going high)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve this issue:

1. Check the event log and resolve any fan or cooling related issues.
2. Make sure that the airflow at the front and rear of the server are not obstructed.
3. Make sure that the room temperature is within operating specifications.
4. Update the ThinkServer System Manager (TSM) firmware.

- **FQXTS658176 Cooling Device redundancy has returned to Normal**

Explanation

Cooling Device redundancy has returned to Normal

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS658177 Cooling Device Redundancy has been Lost**

Explanation

Cooling Device Redundancy has been Lost

Severity
Critical

Serviceable with log
Yes

Automatically Notify Support
No

User Action
Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS65920 Under-Temperature Warning (Lower non-critical, going low) Cleared**

Explanation
Under-Temperature Warning (Lower non-critical, going low) Cleared

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS65921 Under-Temperature Warning (Lower non-critical, going high)Cleared**

Explanation
Under-Temperature Warning (Lower non-critical, going high)Cleared

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS65922 Under-Temperature Warning (Lower critical, going low)Cleared**

Explanation
Critical Under-Temperature problem (Lower critical, going low)Cleared

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXTS65923 Under-Temperature Warning (Lower critical, going high) Cleared**

Explanation

Critical Under-Temperature problem (Lower critical, going high) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS65924 Under-Temperature Warning (Lower non-recoverable, going low)Cleared**

Explanation

Critical Under-Temperature problem (Lower non-recoverable, going low)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS65925 Under-Temperature Warning (Lower non-recoverable, going high) Cleared**

Explanation

Critical Under-Temperature problem (Lower non-recoverable, going high) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS65926 Over-Temperature Warning (Upper non-critical, going low) Cleared**

Explanation

Over-Temperature Warning (Upper non-critical, going low) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS65927 Over-Temperature Warning (Upper non-critical, going high)Cleared**

Explanation

Over-Temperature Warning (Upper non-critical, going high)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS65928 Over-Temperature Warning (Upper critical, going low) Cleared**

Explanation

Critical Over-Temperature problem (Upper critical, going low) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS65929 Over-Temperature Warning (Upper critical, going high)Cleared**

Explanation

Critical Over-Temperature problem (Upper critical, going high)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS65930 Over-Temperature Warning (Upper non-recoverable, going low)Cleared**

Explanation

Critical Over-Temperature problem (Upper non-recoverable, going low)Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS65931 Over-Temperature Warning (Upper non-recoverable, going high) Cleared**

Explanation

Critical Over-Temperature problem (Upper non-recoverable, going high) Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS67330 Generic Critical Temperature Problem (Transition to Critical from less severe)**

Explanation

Generic Critical Temperature Problem (Transition to Critical from less severe)

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve this issue:

1. Check the event log and resolve any fan or cooling related issues.
2. Make sure that the airflow at the front and rear of the server are not obstructed.
3. Make sure that the room temperature is within operating specifications.
4. Update the ThinkServer System Manager (TSM) firmware.

- **FQXTS787456 Memory Predictive Failure state has been cleared.**

Explanation

Memory Predictive Failure state has been cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814848 Correctable ECC or other correctable memory error detected.**

Explanation

Correctable ECC or other correctable memory error detected.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814849 Uncorrectable ECC or other uncorrectable memory error detected.**

Explanation

Uncorrectable ECC or other uncorrectable memory error detected.

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Please replace the memory. If the problem persists, contact Support.

- **FQXTS814850 Parity error detected.**

Explanation

Parity error detected.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814851 Memory Scrub Failed**

Explanation

Memory Scrub Failed

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814852 Memory Device Disabled.**

Explanation

Memory Device Disabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814853 Correctable ECC / other correctable memory error logging limit reached**

Explanation

Correctable ECC / other correctable memory error logging limit reached

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814854 Memory Presence detected.**

Explanation

Memory Presence detected.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814855 Memory Configuration Error detected.**

Explanation

Memory Configuration Error detected.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814856 Spare Unit of Memory detected**

Explanation

Spare Unit of Memory detected

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814857 Memory Automatically Throttled**

Explanation

Memory Automatically Throttled

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814858 Memory event - Critical Overtemperature**

Explanation

Memory event - Critical Overtemperature

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814976 Correctable ECC or other correctable memory error cleared.**

Explanation

Correctable ECC or other correctable memory error cleared.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814977 Uncorrectable ECC or other uncorrectable memory error Cleared.**

Explanation

Uncorrectable ECC or other uncorrectable memory error Cleared.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814978 Parity error Cleared.**

Explanation

Parity error Cleared.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814979 Memory Scrub Failure Cleared**

Explanation

Memory Scrub Failure Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814980 Memory Device Enabled.**

Explanation

Memory Device Enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814981 Correctable ECC / other correctable memory error logging limit reached Cleared**

Explanation

Correctable ECC / other correctable memory error logging limit reached Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814982 Memory Presence not detected**

Explanation

Memory Presence Not detected

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814983 Memory Configuration Error Cleared.**

Explanation

Memory Configuration Error Cleared.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814984 Spare Unit of Memory detected Deassert**

Explanation

Spare Unit of Memory detected Deassert

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814985 Memory Automatically Throttled Cleared**

Explanation

Memory Automatically Throttled Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS814986 Memory event - Critical Overtemperature Cleared"s**

Explanation

Memory event - Critical Overtemperature Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS852992 Hard Disk Drive Fault LED is OFF.**

Explanation

This state indicates that a HDD Fault LED which was ON before is OFF now.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS852993 Hard Disk Drive Fault LED is ON.**

Explanation

A HDD Fault LED is ON.

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Check the Support site for service bulletins or firmware updates that are related to your particular drive.
2. Check the event log for any other RAID-related events and resolve those issues.
3. Replace the drive.

- **FQXTS880384 Hard Disk Drive is present or has been inserted.**

Explanation

Hard Disk Drive is present or has been inserted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS880385 Hard Disk Drive Fault**

Explanation

Hard Disk Drive Fault

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Check the Support site for service bulletins or firmware updates that are related to your particular drive.
2. Check the event log for any other RAID-related events and resolve those issues.
3. Replace the drive.

- **FQXTS880386 Hard Disk Drive Predictive Failure**

Explanation

Hard Disk Drive Predictive Failure

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Information only; no action is required.

- **FQXTS880387 Hard Disk Drive Hot spare (Ready to Remove)**

Explanation

Hard Disk Drive Hot Spare (Ready to remove) Asserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS880388 Hard Disk Drive Consistency Check / Parity Check in progress**

Explanation

Hard Disk Drive Consistency Check / Parity Check in progress

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS880389 Hard Disk Drive In Critical Array**

Explanation

Hard Disk Drive In Critical Array

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS880390 Hard Disk Drive In Failed Array**

Explanation

Hard Disk Drive In Failed Array

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Check the event log for other hard drive messages to help identify failing drive(s).
2. Replace the hard disk drives (indicated by a lit status LED).
3. Recreate the array.

- **FQXTS880391 Hard Disk Drive Rebuild/Remap in progress**

Explanation

Hard Disk Drive Rebuild/Remap in progress

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS880392 Hard Disk Drive Rebuild/Remap Aborted**

Explanation

Hard Disk Drive Rebuild/Remap Aborted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS880512 Hard Disk Drive is absent or has been removed.**

Explanation

Hard Disk Drive is absent or has been removed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS880513 Hard Disk Drive Fault Cleared**

Explanation

Hard Disk Drive Fault Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS880514 Hard Disk Drive Predictive Failure Cleared**

Explanation

Hard Disk Drive Predictive Failure Cleared

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS880515 Hard Disk Drive Hot spare**

Explanation

Hard Disk Drive Hot Spare Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS880516 Hard Disk Drive Consistency Check / Parity Check in progress Deasserted**

Explanation

Hard Disk Drive Consistency Check / Parity Check in progress Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS880517 Hard Disk Drive In Critical Array Deasserted**

Explanation

Hard Disk Drive In Critical Array Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS880518 Hard Disk Drive In Failed Array Deasserted**

Explanation

Hard Disk Drive In Failed Array Deasserted

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS880519 Hard Disk Drive Rebuild/Remap in progress Deasserted(completed)**

Explanation

Hard Disk Drive Rebuild/Remap in progress Deasserted(completed)

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS880520 Hard Disk Drive Rebuild/Remap Aborted Deasserted(completed)**

Explanation

Hard Disk Drive Rebuild/Remap Aborted Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS918528 POST Memory Resize Failure Deasserted**

Explanation

POST Memory Resize Failure Deasserted

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXTS918529 POST Memory Resize Failure Asserted**

Explanation

POST Memory Resize Failure Asserted

Severity

Critical

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Complete the following steps to resolve the issue:

1. Check the support site for any applicable service bulletins or firmware updates that might apply to this issue.
2. If the problem persists, contact Support.

Chapter 5. List of Lenovo ThinkSystem SR635 and SR655 events

This section provides information about Lenovo ThinkSystem SR635 and SR655 messages that can be viewed in the Lenovo XClarity Administrator event log or audit log.

Use these links to find information about hardware-related events that XClarity Administrator can report for Lenovo ThinkSystem SR635 and SR655 servers.

- [SR635](#)
- [SR655](#)

Lenovo ThinkSystem SR635 and SR655 events that automatically notify Support

If Call Home is configured and enabled in XClarity Administrator, XClarity Administrator automatically opens a service ticket and sends service data for a specific managed device to Lenovo Support using Call Home when a serviceable event is received from that device. The following table lists the serviceable events that trigger Call Home for Lenovo ThinkSystem SR635 and SR655 devices.

Table 2. Events that automatically notify Support

Event ID	Message String	Automatically Notify Support
A01011009	The specified temperature upper critical going high asserted	Yes
A0101200B	The specified temperature upper non recoverable going high asserted	Yes
A02010800	The specified voltage lower non critical going low asserted	Yes
A02010807	The specified voltage upper non critical going high asserted	Yes
A02011009	The specified voltage upper critical going high asserted	Yes
A02012004	The specified voltage lower non recoverable going low asserted	Yes
A0201200B	The specified voltage upper non recoverable going high asserted	Yes
A04011002	The specified Fan speed lower critical going low asserted	Yes
A0C6F2001	The specified memory uncorrectable ECC asserted	Yes
A0D6F1001	The specified drive fault asserted	Yes

Chapter 6. Events and alerts from Lenovo Storage devices

Lenovo XClarity Administrator reports information about all management-server and hardware-related events and alerts that are generated or collected by Lenovo storage devices. These messages are listed in events or alerts log.

The following information is provided for each event message.

Event identifier

A string that uniquely identifies the event or class of events. This is a 12 or 14-character string in the following format.

FQX*ppnnns*

where:

- *pp* indicates the product where the event originate, as follows.
 - **HMST**. Lenovo storage devices
 - **ST**. Lenovo storage devices
 - **STDM**. ThinkSystem DM series storage devices
- *nnn* identifies the specific message.
- *s* identifies the severity, as follows.
 - **I**. Information No action is required
 - **F**. Warning. No action is required
 - **G**. Warning. Action can be deferred
 - **H**. Warning (minor). Action can be deferred
 - **J**. Warning (minor). Immediate action is required
 - **K**. Critical. Action can be deferred
 - **L**. Critical. Immediate action is required
 - **M**. Critical. Immediate action is required
 - **N**. Critical. Immediate action is required

Severity

An indication of the level of concern for the condition, as follows.

- **Informational**. The event was recorded for audit purposes. This is usually a user action or a change of states that is normal behavior.
- **Warning**. The event is not as severe as an error, but if possible, the condition should be corrected before it becomes an error. It might also be a condition that requires additional monitoring or maintenance.
- **Critical**. The event is a failure or critical condition that impairs service or an expected function.

Serviceable with log

An indication of whether an action (either by you or by Lenovo Support) is required to correct the problem.

Automatically Notify Support

An indication of whether a service ticket is opened automatically, and diagnostic files are transferred to the Lenovo Support Center for this event if Call Home is configured and enabled in XClarity Orchestrator or the resource managers.

User Action

The actions to perform to solve the event.

Perform the steps in the order shown until the problem is solved. If the problem is not resolved after performing all recommended actions, contact Lenovo Support.

Lenovo Storage events that automatically notify Support

If Call Home is configured and enabled in XClarity Administrator, XClarity Administrator automatically opens a service ticket and sends service data for a specific managed device to Lenovo Support using Call Home when a serviceable event is received from that device. The following table lists the serviceable events that trigger Call Home for Lenovo Storage devices.

Table 3. Events that automatically notify Support

Event ID	Message String	Automatically Notify Support
FQXST0001W	The disk group is online but cannot tolerate another disk failure.	Yes
FQXST0051W	An uncorrectable ECC error occurred in cache memory.	Yes
FQXST0053W	Too many errors occurred during disk group expansion to allow the expansion to continue.	Yes
FQXST0112W	The link for the specified host port went down unexpectedly.	Yes
FQXST0117W	This controller module detected or generated an error on the specified host channel.	Yes
FQXST0136W	Errors detected on the specified disk channel have caused the controller to mark the channel as degraded.	Yes
FQXST0152W	The Management Controller (MC) has not communicated with the Storage Controller (SC) for 15 minutes and might have failed.	Yes
FQXST0158W	A correctable ECC error occurred in Storage Controller CPU memory.	Yes
FQXST0162W	The host WWNs (node and port) previously presented by this controller module are unknown.	Yes
FQXST0163W	The host WWNs (node and port) previously presented by the partner controller module, which is currently offline, are unknown.	Yes
FQXST0172W	The specified disk group was quarantined because some its disks are not accessible.	Yes
FQXST0190I	The controller module's supercapacitor pack has started charging.	Yes
FQXST0442W	Power-On Self Test (POST) diagnostics detected a hardware error in a UART chip.	Yes
FQXST0469W	The speed of buses connecting the FPGA to downstream adapters was reduced to compensate for an FPGA over-temperature condition. The storage system is operational but I/O performance is reduced.	Yes
FQXST0476W	The CPU temperature exceeded the safe range so the CPU entered its self-protection state. IOPS were reduced. The storage system is operational, but I/O performance is reduced.	Yes

Table 3. Events that automatically notify Support (continued)

Event ID	Message String	Automatically Notify Support
FQXST0477I	The CPU temperature exceeded the normal range so the CPU speed was reduced. IOPS were reduced. The storage system is operational, but I/O performance is reduced.	Yes
FQXST0482W	One of the PCIe buses is running with fewer lanes than is optimal.	Yes
FQXST0495W	The algorithm for best-path routing selected the alternate path to the specified disk because the I/O error count on the primary path reached its threshold.	Yes
FQXST0545W	A controller module is connected to a legacy enclosure midplane, resulting in degraded performance.	Yes
FQXST0548W	Disk group reconstruction failed.	Yes
FQXST0551W	An EMP reported that a power supply unit (PSU) was uninstalled.	Yes
FQXST0552W	{{{An EMP reported one of the following: }}	Yes
FQXST0554W	A voltage sensor is not within the normal operating range but is within safe operating limits; or, a voltage sensor was removed.	Yes
FQXST0555W	An expander in a controller module, expansion module, or drawer is mated but is not responding; or, an expander in an expansion module has been removed.	Yes
FQXST0556W	An expander in a controller module, expansion module, or drawer is mated but is not responding; or, an expander in an expansion module has been removed.	Yes
FQXST0557W	An Enclosure Management Processor (EMP) reported an alert condition on a current sensor.	Yes
FQXST0565W	One of the PCIe buses is running at less than optimal speed.	Yes
FQXST0569W	A SAS host cable mismatch was detected for the specified port number. The specified alternate PHYs have been disabled.	Yes

List of Lenovo Storage events

This section lists all Lenovo Storage events that can be viewed in the XClarity Administrator event log or audit log.

- **FQXDE0100I Event log cleared**

Explanation

A Major Event Log was cleared.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE0101I Start of delayed events**

Explanation

MEL events generated earlier are now being added to the MEL log, possibly causing the MEL log to be out of order.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE0102I End of delayed events**

Explanation

A MEL event logging is back in order after possibly being out of order.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE0103I A needs-attention condition was raised by the controller firmware**

Explanation

A Recovery Guru condition was raised.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE0104I A needs-attention condition was cleared by the controller firmware**

Explanation

A Recovery Guru condition was cleared.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE0105I Unknown event occurred that is not found in event configuration table.**

Explanation

The controller failed in its attempt to find an event in the event configuration table. This event is logged in place of that event.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE0106I A needs-attention condition was suppressed due to event configuration table settings.**

Explanation

The controller discarded a Recovery Guru event based on event configuration table settings.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE0107I An event that would have caused a needs-attention condition was suppressed and now is cleared**

Explanation

The firmware discarded a Recovery Guru event based on event configuration table settings and that condition has now been cleared.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE0108I All non-alertable events are temporarily being discarded**

Explanation

The firmware generated so many MEL events that the internal event buffer is nearing overflow conditions. At this point, until the events in internal event buffer are flushed to the database, only events that generate an alert are being retained.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE0109I All events are now being saved and persisted**

Explanation

The firmware flushed its internal event buffer and can now save all events. Previously, the event buffer was nearly full, and the firmware was only retaining events that generated alerts.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1004I Error on drive open.**

Explanation

An error occurred that causes the open sequence to terminate without the drive being opened.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE100AI Drive returned CHECK CONDITION**

Explanation

A driver was unable to recover the specified device that returned a check condition to the driver, and driver retries were exhausted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE100DI Timeout on drive side of controller**

Explanation

A command from controller to drive or ESM takes longer than expected.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1010M Impending drive failure detected by drive**

Explanation

The logged device generated a PFA condition.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1012I Destination driver error**

Explanation

A destination driver has an unrecovered error from the drive.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1015I Incorrect mode parameters modified and saved on drive**

Explanation

A controller successfully modified and saved mode page settings on a drive.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1016I Drive returned unrecoverable media error**

Explanation

An unrecoverable read error was detected on a drive.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1017I Fibre channel link down**

Explanation

A drive or host side channel is down.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1018I Fibre channel link up**

Explanation

A drive or host side channel is up.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1019I Extended Fibre Channel link down (more than one minute)**

Explanation

A drive or host side channel is down for more than one minute.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE101EM Impending drive failure detected by controller**

Explanation

The controller detected that a drive failure is imminent.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE101FI Summary of impending drive failure detected by controller**

Explanation

The monitoring period in which a synth PFA was reported is completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1020M Data assurance drive was locked out**

Explanation

An incompatible Protection Information drive was discovered.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1021I Slow drive detected by drive performance analyzer. Info for Analysis Purposes**

Explanation

Drive performance analyzer determined that a drive is performing slower than its peers with a similar I/O Profile. Only one of these events are logged per drive during any given 24 hour period.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1022I Drive not compared by drive performance analyzer**

Explanation

Drive performance analyzer was unable to correctly analyze a drive's performance over the last 24 hours period. For performance to be analyzed, a drive's I/O profile must match a peer group of drives that are large enough for a valid comparison.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1023I Drive copy triggered by a controller detected impending drive failure**

Explanation

The controller detected an impending drive failure triggering an automatic drive copy operation before the drive fails.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1024I Start or restart of issuing unmaps to a drive**

Explanation

A configuration operation resulted in a drive's unmap boundary being set.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1025I Completion of all unmap requests to a drive**

Explanation

After the unmap boundary reaches the drive's capacity, all unmaps are issued.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1026I Abnormal decisions were made for drives undergoing provisioning unmaps, not limited to errors**

Explanation

An abnormal provisioning unmap decision was encountered.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1201I Fibre channel - LIP reset received**

Explanation

A selective LIP reset (LipPdPs) is received.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1202I Fibre channel - TGT reset received**

Explanation

A Target Reset was received.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1203I Fibre channel - TPRLO reset received**

Explanation

A Third Party Logout with the Global Logout bit was set. This is treated as a Target Reset by the controller.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1205I Fibre channel - driver detected error during initialization**

Explanation

An internal error occurred (for example, unable to obtain memory or unable to send frame).

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1206I Fibre channel link errors continue**

Explanation

A Link Error count exceeded the threshold value after the initial notification.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1207M Fibre channel link errors - threshold exceeded**

Explanation

A Link Error count exceeded the threshold the first time.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE1208M Data rate negotiation failed**

Explanation

A data rate negotiation failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE1209M Drive channel set to Degraded**

Explanation

A drive channel was set to degraded.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE120AM SFP failed**

Explanation

The SFP on an XBB class controller failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE120BI SFP changed to Optimal**

Explanation

The SFP on an XBB class controller changed to Optimal.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE120CI Fibre channel loopback diagnostic failed**

Explanation

The Fibre Channel loopback diagnostic test failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE120DM Host-side SFP failed**

Explanation

The host side SFP on an XBB class controller failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE120EI Host-side SFP optimal**

Explanation

Host side SFP changed to optimal.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1300I InfiniBand channel loopback diagnostic failed**

Explanation

Infiniband channel loopback diagnostic test failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1301I InfiniBand port up**

Explanation

The Infiniband port is up.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1302I InfiniBand port down**

Explanation

The Infiniband port went down.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1303I InfiniBand - TGT reset received**

Explanation

A target reset was received on the infiniband port.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1400I Password reset to default**

Explanation

The array's password was reset to the default value.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1401I XCopy Lite was disabled**

Explanation

XCOPY Lite support is disabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1402I XCOPY Lite was enabled**

Explanation

XCOPY Lite support is enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1403M Excessive reboots (exceptions) have occurred on the controller**

Explanation

The number of controller reboots in a specific time windows exceeded the threshold.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1404I This event indicates that the controller is no longer experiencing excessive reboots**

Explanation

The controller experienced excessive reboots but has not rebooted for 24 hours.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1500I Channel initialization error**

Explanation

A controller is unable to initialize hardware or an internal structure.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1501I Selective LIP reset issued to drive**

Explanation

A Fibre Channel driver reset a device.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1502I Selective LIP reset issued to alternate controller**

Explanation

A Fibre Channel driver reset the alternate controller.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1503I Selective LIP reset issued to IOM (ESM)**

Explanation

A Fibre Channel driver reset an enclosure.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1507I Loop port bypass (LPB) issued to drive**

Explanation

A Fibre Channel driver bypassed a device.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE150AI Unresponsive drive (bad AL_PA error)**

Explanation

A Fibre channel driver detected that a drive is missing.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE150BI Unresponsive alternate controller (bad AL_PA error)**

Explanation

A Fibre Channel driver detected that the alternate controller is missing.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE150CI Unresponsive IOM (ESM) (bad AL_PA error)**

Explanation

A Fibre Channel driver detected that an enclosure is missing.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE150EM Controller loop-back diagnostics failed**

Explanation

A loop or minihub diagnostics detected that the controller is the bad device on the loop.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE150FM Channel miswire**

Explanation

Two channels are connected with one or more ESMs in between.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE1510M IOM (ESM) miswire**

Explanation

Two IOMs (ESMs) of the same tray are seen on the same channel.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1511I Channel miswire resolved**

Explanation

A channel miswire was cleared.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1512I IOM (ESM) miswire resolved**

Explanation

A IOM (ESM) miswire was cleared.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1513M Individual drive - Degraded path**

Explanation

A drive failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1514I Drive channel changed to optimal**

Explanation

A drive channel is active.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1515M Drive Channel hardware failed**

Explanation

A drive channel hardware failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE1516I Switch on chip (SOC) EEPROM failed**

Explanation

A SOC EEPROM failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1517I Switch on chip (SOC) EEPROM cannot be initialized**

Explanation

A SOC EEPROM cannot be initialized.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1518I SFP link speed mismatch detected**

Explanation

A SFP that is not capable of operating at the detected channel link speed is present on a drive channel port for the referenced channel, but there is no drive enclosure attached to the channel port.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1519I SFP link speed mismatch resolved**

Explanation

A SFP link speed mismatch was cleared by replacing the SFP with one that is rated for operation at the current link speed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE151AM Optical link speed detection failure**

Explanation

A drive enclosure that is attached to a channel port is set to a link speed that is not supported by the SFP, resulting in a port bypass, or there is a faulty SFP, cable, or ESM.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE151BI Optical link speed detection failure resolved**

Explanation

A drive enclosure that is attached to the bypassed channel port was reset to an SFP-supported link speed, and the port is no longer bypassed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE151CI Copper link speed detection failure**

Explanation

Copper cables with integrated SFPs are used and the cable is connected to a bypassed channel port, even if a drive enclosure is attached.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE151DI Copper link speed detection failure resolved**

Explanation

A link speed detection failure was cleared.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE151EM Controller miswire for drive channel occurred**

Explanation

This error is logged only for controllers with integrated drive channel ports. When two ESMs in the same drive tray are connected to different channels from the same controller. This error is reported for both channel ports involved in the miswire.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE151FI Controller miswire for drive channel cleared**

Explanation

A controller miswire condition was cleared.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1520I Internal Drive Port PTBI Failure**

Explanation

The SOC driver receives a PTBI (Port Test Before Insert) failure event from the SOC API.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1522M Drive enclosure type miswire**

Explanation

Information is not available.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1523I Drive enclosure type miswire clear**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1524M Trunk incompatible IOM (ESM)**

Explanation

The drive channel is trunk capable but an IOM (ESM) is determined to be trunk incompatible. This event is logged for each IOM (ESM) that is trunk incompatible.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1525M Fibre trunk miswire**

Explanation

Drive enclosures are trunk capable but are not cabled correctly for trunking or the cables themselves are missing. There should be one MEL event logged irrespective of the number of devices in miswire.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1526I Trunk state enabled**

Explanation

The drive channel is fully trunk capable, including one event per channel after a boot cycle, if the channel is trunk capable.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1527I Trunk state disabled**

Explanation

The trunk state of the drive channel changed from enabled to disabled, meaning that the channel is no longer trunking capable.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1528I Corrected trunk incompatible IOM (ESM)**

Explanation

An IOM (ESM) that was previously not trunk capable is now trunk capable.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1529I Trunk miswire corrected**

Explanation

A controller/ESM trunk miswire condition was corrected.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1650M SAS host channel miswire detected**

Explanation

Two ESMs or controllers, residing in the same tray, are cabled together.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1651I SAS host channel miswire resolved**

Explanation

A configuration change resolved a front end miswire condition.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1652L SAS source driver partner initiator overflow**

Explanation

A SAS source driver detects an initiator overflow condition resulting in the partner controller being unable to communicate with the SAS backend elements. This event is only logged on SAS-1 controllers.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE1653I SAS source driver detected regular initiator overflow**

Explanation

A SAS backend driver detected an initiator overflow due to too many SAS devices connected on the back end.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1654L Host wide port is degraded**

Explanation

One of the host port PHYSical devices went down from the optimal state.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE1655I Host wide port link is up**

Explanation

At least one of the host port PHYSical devices went up from the failed port state.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1656I Host wide port link is down**

Explanation

A host wide port state went from degraded to failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1657I Host wide port link is optimal**

Explanation

One or more of the PHYSical connections associated with the port are connected to a state where all PHYSical connections associated with the wide-port are connected.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1658I A host card SAS port connection speed is below the maximum**

Explanation

A host card SAS port in the array is operating at a speed below the maximum capable speed of that port.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1659I An SMP Timeout event has occurred to a switch connected on a host channel. Check host channel switches for possible issues.**

Explanation

The IOC chip experienced an SMP Timeout to a front end expander on a host channel.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE165AM An error was detected during SAS backend discovery processing**

Explanation

A connectivity error was detected during the SAS backend discovery processing. There was a loss of redundancy with the connectivity to trays and drives.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE165BI The controller detected that a SAS IOC has faulted**

Explanation

SAS IOC fault condition occurred.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE165CI The controller detected that a SAS IOC has faulted and started a recovery procedure in an attempt to bring it back to an operational state**

Explanation

SAS IOC fault condition occurred.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE165DI The controller detected that a SAS IOC has faulted and completed a recovery procedure. The SAS IOC was recovered and is now in an operational state**

Explanation

SAS IOC fault condition occurred.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1700M Invalid SAS topology detected**

Explanation

A RAID controller detected an invalid SAS topology, such as an expander PHY with a table routing attribute attached to another expander PHY with a table routing attribute, a SAS loop, or multiple ports with the same SAS address.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1701I Invalid SAS topology resolved**

Explanation

A RAID controller detected that an invalid SAS topology was corrected.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1702M SAS host adapter miswire detected**

Explanation

A RAID controller detected a SAS adapter miswire.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1703I SAS host adapter miswire resolved**

Explanation

A RAID controller detected that a SAS host adapter miswire was corrected.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1704M SAS IOM (ESM) miswire detected**

Explanation

A RAID controller detected a SAS IOM (ESM) miswire.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1705I SAS IOM (ESM) miswire resolved**

Explanation

A RAID controller detected that a SAS IOM (ESM) miswire was corrected.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1706M Optimal wide port becomes degraded**

Explanation

At least one of the PHYs that comprise a port is determined to be connected to an attached device, but the remaining port PHYs cannot connect to or communicate with an attached device.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1707M Degraded wide port becomes failed**

Explanation

An attached device is present, but none of the PHYs that comprise the port attached to that device can connect to or communicate with the device.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1708I Single connection established through previously failed wide port**

Explanation

One of the PHYs that are attached to a device connected to and started communicating with the device (when the wide port was previously in a Failed state). Other PHYs connected to that device remain uninitialized.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1709I All connections established through wide port**

Explanation

All PHYs comprising a wide port connected to and started communicating with the attached SAS device (when the wide port was previously in a Degraded state).

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE170AM Drive expansion port miswire**

Explanation

Information is not available.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE170BI Drive expansion port miswire resolved**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE170CI SAS host port configuration error**

Explanation

More than two PHYSical connections are established but the controller is configured through an NVSRAM setting to manage only two PHYSical connections.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE170FM Controller wide port has gone to degraded state**

Explanation

At least one of the PHYs that comprise a port is determined to be connected to an attached device, but the remaining port PHYs cannot connect to or communicate with an attached device.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1710M Controller wide port has gone to failed state**

Explanation

A device that is attached to the controller is present, but none of the PHYs that comprise the port attached to that device can connect to or communicate with the device.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1711I Controller wide port has gone to degraded state**

Explanation

One of the PHYs on the controller that is attached to a device connected to and started communicating with the device. Other PHYs connected to that device remain uninitialized.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1712I Controller wide port has gone to optimal state**

Explanation

All PHYs comprising a wide port on a controller connect to and begin communicating with the attached SAS device.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1717I Link in the controller tray is slow**

Explanation

An internal SAS port in the array established a connection that is below the maximum connection speed capable by that port. An internal port is a connection internal to the array controller enclosure. Note that baseboard host SAS ports, which are present on some controllers such as Snowmass, are considered internal ports.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1718I Expansion tray link is slow**

Explanation

An interconnect SAS port in the array established a connection that is below the maximum connection speed capable by that port. An interconnect port is a connection between the controller and an expansion enclosure or between two expansion enclosures.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1719I SAS drive link is slow**

Explanation

A drive SAS port in the array established a connection that is below the maximum connection speed capability of that port.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE171AM A controller may have lost access to expansion trays**

Explanation

A controller might have lost access to expansion trays.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE171BI Access to expansion trays restored**

Explanation

A controller regained access to expansion trays.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1801I Authentication failure**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1802I Unsupported authentication type**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1804I iSNS server failure**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1805I iSNS server contacted**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1806I Forced session end**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1807I IP address failure**

Explanation

A failure occurred retrieving the IP address that is assigned to the controller.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1808I Login failure**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE180AM Failed I/O host card; iSCSI interface error detected**

Explanation

The firmware detects an iSCSI interface error. The optional data field of the MEL event includes information about the cause of the error, which, if Andrecht, Snowsnake, or Glencove HICS, includes (1) Uncorrectable ECC error, (2) The firmware cannot successfully restart the iSCSI interface, or (3) an iSCSI Controller EEPROM Error occurs. If Zion or Samoa HICS, the firmware cannot successfully restart the iSCSI interface.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE180CI Connection terminated unexpectedly**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE180DI Session terminated unexpectedly**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE180EI iSCSI interface correctable ECC error occurred**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE180FI iSCSI interface restarted**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1810I DHCP failure in iSCSI interface**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1811I DHCP success**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1812I iSCSI IPV6 error, configuration change, or duplicate IP address detected**

Explanation

Either a configuration change was made or an iSCSI error was detected.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1813I iSCSI data overrun**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1814I iSCSI carrier was detected**

Explanation

An iSCSI Ethernet Port transitioned from no carrier detected to carrier detected (link up).

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1815I iSCSI carrier was lost**

Explanation

An iSCSI Ethernet Port transitioned from carrier detected to loss of carrier detect (link down).

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1816I iSCSI connection speed warning**

Explanation

The ethernet port cannot connect at 10Gb/s.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1817I iSCSI communication was established**

Explanation

iSCSI communication to a remote target was established.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1818I iSCSI communication lost to remote target**

Explanation

iSCSI communication to remote target was lost.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1819I iSCSI duplicate IPv4 address**

Explanation

A duplicate iSCSI IPv4 address was detected.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1900I Cache memory DIMM detected**

Explanation

A new cache memory DIMM was detected by the controller.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1901I Cache memory DIMM is missing**

Explanation

A cache memory DIMM is missing.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1902I Host interface card added**

Explanation

A new host card interface was detected by the controller.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1903I Host interface card removed**

Explanation

The host interface card is missing.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1904M Failed host interface card**

Explanation

The host interface card failed a loopback diagnostic test.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1905I Host interface card replaced with same board type**

Explanation

The host interface card was replaced with a host interface card of the same type.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1906I Host interface card replaced with different board type**

Explanation

The host interface card was replaced with a host interface card of a different type.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE1907M Controller was locked down due to too many missing drives**

Explanation

A controller was locked down due to detecting enough missing drives that if left alone would result in failed volumes.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1908M A controller detected that the combination of host interface cards are out of compliance with limitations of the controller or the firmware.**

Explanation

A controller detected that the combination of host interface cards are out of compliance with limitations of the controller or the firmware.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE200AM Data/parity mismatch on volume**

Explanation

A data/parity mismatch was detected during data scrubbing.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE200FI Cache synchronization started**

Explanation

A cache synchronization started from an external (to VDD) source. Defined but not logged in this release.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2010I Cache synchronization completed**

Explanation

A cache synchronization for the specified unit completed. Defined but not logged in this release.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2011I Cache flush started**

Explanation

An operation to flush cache for the specified unit started. Defined but not logged in this release.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2012I Cache flush completed**

Explanation

An operation to flush cache for the specified unit completed. Defined but not logged in this release.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2013I Unwritten data/parity recovered from cache**

Explanation

An unwritten data and parity was recovered from cache at start-of-day or during a forced change in LUN ownership between the controllers.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2014I VDD logged an error**

Explanation

A VDD logged an error.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2015I Uncompleted writes detected in NVSRAM at start-of-day**

Explanation

At the start-of-day, uncompleted writes were detected in NVSRAM. This event is logged as part of SOD processing. This event reports a count of the number of unfinished writes that were being tracked in the controller's NVSRAM prior to the reboot. So, there's no recovery procedure necessary for the firmware and there's no action required.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2016I Interrupted writes processed**

Explanation

A VDD processed interrupted writes for the specified unit. This event is logged after all writes that were interrupted by a controller reboot have been completed. So, there's no recovery procedure necessary for the firmware and there's no action required.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2017I Interrupted writes detected from checkpoint logs**

Explanation

An interrupted writes were written to checkpoint logs. This event logs the number of interrupted writes that were completed on a per volume basis (as opposed to a total count of the writes completed). No recovery procedure is required for the firmware, and no action is required.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE201CI VDD recover started**

Explanation

Logged at the beginning of a RAID 1 or RAID 5 VDD recover operation.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE201DI VDD recover completed**

Explanation

Logged at the end of a recover operation.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE201EI VDD repair started**

Explanation

Logged at the beginning of a repair operation.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE201FI VDD repair completed**

Explanation

Logged at the end of a repair operation.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2020I Piece failed during interrupted write**

Explanation

A piece failed during an interrupted write operation.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2021I Virtual disk failed during interrupted write**

Explanation

A virtual disk failed as part of a interrupted write operation.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2022I Media scan (scrub) started**

Explanation

A scrubbing is started for the specified unit.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2023I Media scan (scrub) completed**

Explanation

The scrubbing operations for the specified unit completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2024I Media scan (scrub) resumed**

Explanation

The scrubbing operations are resumed for the specified unit.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2025I Reconstruction started**

Explanation

The reconstruction operations are started for the specified unit.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2026I Reconstruction completed**

Explanation

The reconstruction operations for the specified unit completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2027I Reconstruction resumed**

Explanation

The reconstruction operations are resumed for the specified unit.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2028I Modification (reconfigure) started**

Explanation

The reconfiguration operations are started for the specified unit.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2029I Modification (reconfigure) completed**

Explanation

The reconfiguration operations for the specified unit completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE202AI Modification (reconfigure) resumed**

Explanation

The reconfiguration operations are resumed for the specified unit.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE202BI Redundancy check started**

Explanation

The parity scan operations for the specified unit started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE202CI Redundancy check completed**

Explanation

The parity scan operations for the specified unit completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE202EM Read drive error during interrupted write**

Explanation

An Unrecoverable Read Error was detected.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE202FI Automatic volume transfer completed**

Explanation

An auto LUN transfer operation completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2030I Initialization completed on volume**

Explanation

A volume format completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2031I Initialization started on volume**

Explanation

A volume format started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2032I Initialization resumed on volume**

Explanation

A volume format was resumed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2033I Parity reconstructed on volume**

Explanation

A parity was reconstructed on a volume.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2035I Redundancy not consistent**

Explanation

User data is read and the parity calculated on the read data does not match the parity that was calculated when the data was written originally.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2036I Redundancy consistent after retry**

Explanation

Parity inconsistency was detected and a subsequent re-read of the data resulted in a parity match -- the parity calculated on the re-read data matches the parity calculated when the data was written originally.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2037I Redundancy not verified**

Explanation

If during a read operation, the parity associated with the data could not be verified against the parity calculated when the data was written originally. For example, if pre-read redundancy was enabled and an attempt was made to read a degraded RAID 5 stripe, this event would be logged.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2038I Media scan cycle started on unused drives**

Explanation

A media scan cycle on unassigned drives or unused global hot spares started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2039I Media scan cycle on unassigned drives completed**

Explanation

A media scan cycle on unassigned drives completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE203BM Drive failed due to un-recoverable read error during scan**

Explanation

A drive failed due to an unrecoverable read error detected during scan cycle.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE203DI Drive adopted**

Explanation

Logged for each drive that is adopted after a SYMBol adoptDrive or adoptAllDrives procedure.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE203EI FDE drive re-provisioned**

Explanation

A FDE drive was reprovisioned.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE203FI FDE drive re-provision failed**

Explanation

The reprovisioning of an FDE drive failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2040I FDE secure component conversion**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2043I Threshold exceeded during successful mismatch correction**

Explanation

Error threshold is exceeded but the mismatch correction was successful. A drive experienced so many IO errors that a predictive drive failure was initiated. However, all of the data needed to verify consistency in a pre-read redundancy operation was successfully read from the drive.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2044I IO shipping implicit volume transfer**

Explanation

A volume's ownership was temporarily transferred to reduce IO shipping.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2045M Redundancy group not consistent during reconfiguration**

Explanation

As part of a reconfiguration operation, a redundancy group is inconsistent. After the reconfiguration operation completes, the data will be consistent but the data might be corrupt.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2046L Isolation of drive causing redundancy mismatch**

Explanation

In RAID 6 environments, using media scan with redundancy check or when pre-read redundancy check is enabled. The event is logged when a drive can be isolated as causing corruption using P and Q parity of RAID 6. In this event data on disk is not altered as correction action without the potential of corruption is ambiguous.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE2047L Different Data Returned On Read Retry**

Explanation

A redundancy check resulted in retried reads and the drive returns different data on the retry.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE2048L Data altered to correct redundancy mismatch**

Explanation

Data is altered due to a detected inconsistency in redundancy. The data, which was within a redundancy group with multiple redundancy (for example, RAID 6), was isolated, recovered, and rewritten to the drive.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE2049I Fail-back implicit volume transfer**

Explanation

Volume ownership changed back to preferred controller following recovery of a fault condition.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE204AI Auto Load Balancing implicit volume transfer**

Explanation

Implicit volume ownership changed to rebalance incoming IO workload.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE204BI The reconstruction agent failed to enable drive write caching as part of rebuild**

Explanation

The reconstruction agent failed to enable drive write caching as part of rebuild.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE204CI The reconstruction agent failed to sync drive write caching as part of rebuild**

Explanation

The reconstruction agent failed to sync drive write caching as part of rebuild.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE204DI The reconstruction agent failed to disable drive write caching as part of rebuild**

Explanation

The reconstruction agent failed to disable drive write caching as part of rebuild.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE204EF Recoverable drive hardware failure detected by drive**

Explanation

An SSD experienced a die failure that is recoverable at the volume level.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE204FF Recoverable drive hardware failure detected by drive**

Explanation

An SSD experienced a processor exception that is recoverable at the volume level.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2060I Data assurance mismatch detected - probable cause is channel interface**

Explanation

A channel interface and protection information do not match.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2061I Data assurance mismatch detected - probable cause is cached data**

Explanation

A cached volume data and protection information do not match.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2062I Data assurance mismatch detected - probable cause is data on drive**

Explanation

A drive read failed due to an EDC miscompare.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2064I Data assurance error detected during cache backup**

Explanation

A cache backup is in progress and a protection information error was detected.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2066I A protected volume to LUN mapping was automatically deleted**

Explanation

A controller automatically deleted a volume-to-LUN mapping because the volume is protected, and the hosts or clusters mapped to it are not capable of accessing a protected (PI) volume. This could be the result of a change to the configuration of a HIC card.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2067I Host data assurance change**

Explanation

A defined host that was previously capable of accessing a Protection Information (PI) volume is now incapable of accessing that volume. This could occur because additional host ports of other I/O interface types were added to the host definition, or because a hardware configuration change impacted the PI capability of an associated I/O interface type.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2068I Cluster data assurance change**

Explanation

A defined cluster that was previously capable of accessing a Protection Information (PI) volume is now incapable of accessing that volume. This could occur because additional hosts were added to the cluster. It could also occur if the access method capabilities of a host in the cluster have changed because of a hardware configuration change.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2069M Controller is in Service Mode due to excessive Data Assurance errors**

Explanation

The controller was rebooted into Service Mode because the controller detected excessive Data Assurance errors.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE206AM Controller is in Analysis Lockdown Mode due to excessive Data Assurance errors**

Explanation

The controller was rebooted into Analysis Lockdown Mode because the controller detected excessive Data Assurance errors.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE206BI Controller has exited Analysis Lockdown Mode**

Explanation

The controller exited Analysis Lockdown mode. The error condition that triggered the Analysis Lockdown Mode was cleared, and the controller will be rebooted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE206CI Controller has exited Data Assurance Service Mode**

Explanation

This event is logged when the controller exits Service Mode. Service Mode was entered due to excessive Data Assurance errors. The error condition was cleared, and the controller will be rebooted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE206DI Data assurance mismatch detected -- cached data recovered from alternate**

Explanation

Data Assurance errors were detected during a cache flush to disk. One or more of the Data Assurance errors in the cache block were recovered from the alternate controller's cache.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE206EI PI errors on cache data blocks were repaired**

Explanation

PI errors on cache blocks were repaired. The repair was initiated by either an end user or customer support.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE206FI Data assurance mismatch detected -- data recovered, but volume degraded**

Explanation

Data Assurance errors were detected during a cache flush to disk for degraded volumes, resulting in Unreadable Sector errors for the drives that failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2070I Data assurance mismatch detected -- cached data error on both controllers**

Explanation

Data Assurance errors were detected during a cache flush to disk. One or more of the Data Assurance errors in the cache block could not be recovered from the alternate controller's cache.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2101I Alternate controller checked in late**

Explanation

An alternate controller checked in late.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2102I Cache mirroring on controllers not synchronized**

Explanation

A mirror is out of sync with the alternate controllers mirror. One controller was not able to mirror data to the cache on the other controller. This is generally A controller is rebooted, but can also be logged for a mirror cache error (very uncommon). The event results in internally disabling write back cache (WBC) which has its own critical mel (MEL_EV_WB_CACHING_FORCIBLY_DISABLED) if WBC is still disabled after 15min. This delay avoids multiple critical mels for transient conditions.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2105I Controller cache reconfigure event**

Explanation

A cache is reconfigured.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2109M Controller cache not enabled - cache sizes do not match**

Explanation

A write back cache cannot be enabled due to different cache sizes of the controllers in the subsystem. ASC/ASCQ value of 0xA1/0x00 is also logged with this event.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE210AI Controller cache not enabled or was internally disabled**

Explanation

A write back cache cannot be enabled or was internally disabled. The ASC/ASCQ value of 0xA0/0x00 is also logged with this event.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE210BI Cache between controllers not synchronized**

Explanation

A cache synchronization between the controllers failed. The ASC/ASCQ value of 0x2A/0x01 is also logged with this event. The event is An internal attempt to sync the cache between the two controllers failed -- a slightly different process than having one controller mirror its cache to the other controller. If this error is recurring, a critical MEL event will be logged and the write back cache will be disabled. At that point, the customer should contact support.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE210CM Controller cache battery failed**

Explanation

A cache battery failed. ASC/ASCQ of 0x0C/0x00 is also logged with this event.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE210EM Controller cache memory recovery failed after power cycle or reset**

Explanation

Logged by cache manager when cache blocks cannot be successfully recovered. Companion to an ASC/ASCQ status of 0x0C/0x81.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE210FI Controller cache memory parity error detected**

Explanation

A memory parity error was detected.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2110L Controller cache memory initialization failed**

Explanation

A persistent RPA Memory Parity error was detected. A test of the cache memory (the data buffer on the controller) failed. The test is initiated with the startCacheMemoryDiagnostic_1 SYMbolAPI command. When the error occurs, the controller logs this event and locks down.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE2112I Controller cache battery is fully charged**

Explanation

A cache battery was transitioned to the good state.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2113M Controller cache battery nearing expiration**

Explanation

A cache battery is within the specified number of weeks of failing. The ASC/ASCQ value of 0x3F/0xD9 is also logged with this event.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2117I Controller cache manager error cleared**

Explanation

On occasion, CCM might log an error prematurely and then clear it later. For example, errors might be logged when the alternate controller is removed from the subsystem. If the controller is replaced before a write is complete, CCM cancels the errors logged because the controller is replaced and functioning normally.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE211AI Cache corrected by using alternate controller's cache**

Explanation

A cache manager was corrected using the alternate controller's cache memory.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE211BM Batteries present but NVSRAM file configured for no batteries**

Explanation

A conflict was detected between the NVSRAM setting and the presence of batteries.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE211CI Battery pack is charging**

Explanation

A cache battery is charging.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE211DI Persistent single-bit memory ECC event - recovered**

Explanation

There is a single bit ECC error in memory that cannot be cleared. The contents of memory can still be read and written to correctly.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE211EM Current cache size is unsupported**

Explanation

Controller is configured with an unsupported cache memory size.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE211FM Insufficient cache backup device capacity**

Explanation

The cache backup device is missing, leaving insufficient capacity to perform full cache backup.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2120M Insufficient processor memory for cache**

Explanation

The controller does not have sufficient processor memory to support the configured cache.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2124M Dedicated mirror channel failed**

Explanation

Information is not available.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2125L Integrity check failed during cache restore**

Explanation

A data integrity check failed when the cache data was being restored from the backup device.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE2126L Backup of cache to persistent device did not complete**

Explanation

The backup of the cache did not complete before the controller lost power -- input power and battery backup power.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE2127I Insufficient cache backup device capacity for non-critical data**

Explanation

The capacity of the backup device is not large enough to backup non-critical data.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2129I Cache backup device error**

Explanation

An I/O error occurred on a cache backup device.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE212AI Cache database mismatch was detected**

Explanation

Another drive tray was temporarily attached that held a different configuration, causing a mismatch between the cache data and the data in the database. The cache data is cleared so that the permanent controller configuration will not be impacted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE212BM Write-back caching forcibly disabled**

Explanation

Write-back caching was forcibly disabled beyond a threshold period of time for volumes that are configured to use the write caching capability.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE212CI Write-back caching fully restored**

Explanation

Write-back caching capability of all the volumes was fully restored.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE212DI A cache data loss occurred but no action is required from the user**

Explanation

There was a loss of cache data but no user action is required. A cache data loss can occur if, after a controller reboot, the controller is unable to recover cache blocks. This event gets logged if those cache blocks correspond to the repository volume of a snapshot.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE212EM Cached data may have been lost**

Explanation

Recovery control block information was lost either while restoring from a backup device or some other reason.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE212FI Cache manager enabled secondary cache**

Explanation

Cache manager enabled secondary cache.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2130I Secondary cache not enabled because of initialization timeout**

Explanation

Secondary cache is not enabled due to an initialization timeout in core dump manager.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2131M Dirty cache not flushed on the only active controller**

Explanation

The alternate controller is held in reset, and this controller failed to flush dirty cache data on failed volumes possibly due to offlined drives. Do not replace the controller to avoid loss of data.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2202I Volume added**

Explanation

A LUN was added to the subsystem.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2203I Volume group or volume deleted**

Explanation

A specified virtual disk was deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2204I I/O is resumed**

Explanation

A vdResumeIO was called for specified device.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2206I Reconstruction completed**

Explanation

A CFG manager completed reconfiguring the specified device successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2207I Device copy completed**

Explanation

A configuration manager completed the copy process to the specified device.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2208I Modification (reconfigure) setup**

Explanation

The configuration manager set up the specified unit and device number for reconfiguration and is going to call VDD to start the reconfiguration.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE220AI Copyback started**

Explanation

A copy task was started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2213I Volume initialized with zeros**

Explanation

Zeros were written to the specified LUN.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE2215I Drive marked failed**

Explanation
A configuration manager posted a UA/AEN for a failed drive.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE2216I Piece taken out of service**

Explanation
A configuration manager took a piece of the specified LUN out of service.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE2217I Piece failed**

Explanation
A piece of specified LUN failed.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE221AI Piece replaced**

Explanation
A piece of specified LUN was replaced.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE221BI Piece placed in service**

Explanation

A configuration manager placed a LUN piece in service.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE221CI Component placed offline**

Explanation

An entire drive group was placed online and the first 16 devices of the drive group are recorded in the data buffer.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE221FI Immediate availability initialization (IAF) completed on volume**

Explanation

A volume completed the Immediate Availability Format.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2220I Hot spare drive added to hot spare list**

Explanation

A drive was added to the global hot spare list.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2221I Hot spare drive removed from hot spare list**

Explanation

A drive was removed from the hot spare list.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2222I Logical unit number for volume reassigned**

Explanation

A new rank has a duplicate unit number as an existing LUN.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2224I Reconstruction started**

Explanation

A reconstruction was started for the specified device.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2226I Drive spun down**

Explanation

A specified drive was spun down.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2227I Drive marked optimal**

Explanation

A routine `cfgSetDevOper` (external interface) was called from the shell, by the format command handler, or by the mode select command handler.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2228I Drive deleted**

Explanation

A `cfgDelDrive` (external interface) or `cfgDriveDeleted` was called. This interface can be called from the shell or mode select command handler.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE222DM Drive manually failed**

Explanation

A device failed manually (via a SYMbolAPI command).

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE222EI Mark drive removed**

Explanation

A drive is to be marked removed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2231I Drive marked removed**

Explanation

A configuration manager state machine is going to mark a drive removed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2233I Unassigned drive marked removed**

Explanation

An unassigned drive was marked as removed by a configuration manager.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2234I Reconstructing drive marked removed**

Explanation

A drive was removed that has not finished reconstruction. This usually happens when a drive that is waiting for reconstruction to begin is removed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2235I Optimal/Replaced drive marked removed**

Explanation

An optimal or replaced drive was removed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2236I Hot spare drive copy completed**

Explanation

A configuration manager state machine completed a copy operation on a global hot spare drive.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2247I Data lost on volume during unrecovered interrupted write**

Explanation

A LUN is marked DEAD due to a media error failure during SOD. An error occurred during Interrupted Write processing causing the LUN to transition to the DEAD State. SK/ASC/ASCQ=0x06/0x3F/0xEB will be reported for this error.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2249M Physical drive replacement is too small**

Explanation

A configuration manager posted an UA/AEN of ASC/ASCQ=0x3F/0x8B indicating the controller set the drivestate to Drive Capacity is less than Minimum.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE224AM Drive has wrong block size**

Explanation

A configuration manager posted an UA/AEN of ASC/ASCQ=0x3F/0x8C indicating the controller set the drive state to Drive has wrong blocksize.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE224BM Drive failed - initialization failure**

Explanation

A configuration manager posted an UA/AEN of ASC/ASCQ=0x3F/0x86 indicating the controller set the drive state to Failed Format failure.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE224CI Wrong drive removed/replaced**

Explanation

A configuration manager posted an UA/AEN of ASC/ASCQ=0x3F/0x89 indicating the controller set the drive state to Wrong drive removed/replaced.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE224DM Drive failed - no response at start of day**

Explanation

A configuration manager posted an UA/AEN of ASC/ASCQ=0x3F/0x85 indicating the controller set the drive state to Failed No Response.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE224EM Drive failed - initialization/reconstruction failure**

Explanation

A configuration manager posted an UA/AEN of ASC/ASCQ=0x3F/0x82 indicating the controller set the drive state to Failed because it was unable to make the drive usable after replacement.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE224FI Hot spare capacity not sufficient for all drives**

Explanation

A defined Global Hot Spare device is not large enough to cover all of the drives in the subsystem.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2250M Volume failure**

Explanation

A configuration manager posted an UA/AEN of ASC/ASCQ=0x3F/0xE0 indicating Logical Unit Failure.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2251M Drive failed - reconstruction failure**

Explanation

A configuration manager posted an UA/AEN of ASC/ASCQ=0x3F/0x8E indicating that the drive failed due to a reconstruction failure at SOD.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action

- **FQXDE2252M Drive marked offline during interrupted write**

Explanation

A specified device failed during interrupted write processing. SK/ASC/ASCQ=0x06/0x3F/0x98 is offloaded for each failing device.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action

- **FQXDE2256I Copyback completed on volume**

Explanation

A copyback completed on volume.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action

Information only; no action is required.

- **FQXDE225AI Immediate availability initialization (IAF) started on volume**

Explanation

An IAF started on volume.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action

Information only; no action is required.

- **FQXDE225CI Controller in stopped state**

Explanation

A controller stopped. In a simplex configuration, the single controller is foreign and has invalid firmware; or in a duplex configuration, both controllers are foreign and have invalid firmware. Another scenario is a simplex configuration with two controllers, and controller "B" is stopped.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE225DI Automatic configuration started**

Explanation

An automatic configuration started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE225EI Automatic configuration completed successfully**

Explanation

An automatic configuration completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE225FI Automatic configuration failed**

Explanation

An automatic configuration failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2260M Uncertified Drive Detected**

Explanation

An uncertified drive was detected in the array.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2261I Controller clocks set by NTP or SNTP Server**

Explanation

A controller clocks were set to a time broadcast by an NTP or SNTP server.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2262M Failed drive replaced with wrong drive type**

Explanation

A drive assigned to a volume group failed, removed, and replaced with a drive that is not the same as the failed drive (for example, a Fibre Channel drive is replaced with a SATA drive).

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2263I The drive replacement succeeded**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2264I The drive replacement failed**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2266M Volume modification operation failed**

Explanation

A drive failed during a reconfiguration operation causing the failure of all volumes in the volume group.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2267M Incompatible drive due to invalid configuration on drive**

Explanation

A drive transitioned to incompatible due to a invalid volume group configuration.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2268I Component's capacity was reduced**

Explanation

A capacity of a volume group was reduced. This can occur if a smaller capacity drive in swapped in for a larger capacity but failed drive.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2269I Export volume group drive unusable**

Explanation

An attempt was made to export a volume group, but one or more drives are not exportable due to some issue with stable-storage, such that problems would occur on the subsequent import of the drives in question.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE226AI Dacstore region has moved**

Explanation

The Data Parity Log region was moved to an unused portion of Dacstore.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE226BM Security (FDE) key needed**

Explanation

A FDE lock key needed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE226CM Drive failure**

Explanation

A drive failure was detected.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE226DM Assigned drive or hot spare-in use drive removed**

Explanation

A drive that was assigned to a volume group or a hot spare drive that is in use was removed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE226EM Solid state drive at end of life**

Explanation

Schedule replacing the SSD immediately or risk having the drive fail.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE226FI Solid state drive nearing end of life**

Explanation

Schedule replacing the SSD at the earliest possible time.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2271M Physical drive has unsupported capacity**

Explanation

The controller firmware detected a drive that has a capacity which is unsupported.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2273M Hot spare in use**

Explanation

Information is not available.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2274M Component is missing**

Explanation

A volume group changed to the missing state because all drives from the group were removed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2275M Component incomplete**

Explanation

A volume group is incomplete because one or more drives in the group were removed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2276M Interposer FW version unsupported**

Explanation

The firmware version in an interposer is incompatible with the drive behind the interposer. New interposer firmware is necessary.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2277G Repository volume security incompatibility detected**

Explanation

An operation was performed that results in a snapshot group, snapshot image, or mirror volume to be secure-enabled while the associated snapshot image repository, snapshot group repository, mirror repository or mirror secondary volume is not yet secure-enabled.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE2278M Incompatible alignment for emulation drive**

Explanation

Locking out an emulation drive that has a non-zero lowest aligned LBA. An emulation drive is one in which the logical and PHYSical block sizes are not identical and therefore emulates the logical block size.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2279I IAF suspended for reconstruction**

Explanation

An IAF operation was suspended so that a reconstruction can occur.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE227AI IAF resumed**

Explanation

IAF was resumed after being interrupted for reconstruction.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE227BI Reconfiguration suspended**

Explanation

Volume group reconfiguration was interrupted (suspended) to allow reconstruction in the volume group.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE227CM Waiting for eligible copy destination to start drive copy**

Explanation

The controller detected an impending drive failure but is unable to trigger an automatic drive copy operation because there is not an eligible copy destination available.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE227DI Drive copy triggered by solid state drive at end of life**

Explanation

A solid state drive reported end-of-life, triggering an automatic drive copy operation before the drive failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE227EI Drive copy started**

Explanation

A copy then fail operation started on a drive. It can be either automatically triggered by the detection of an impending failure or user initiated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE227FI Drive copy started**

Explanation

A user initiated copy then replace operation started on a drive.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2280I Drive copy completed and drive failed**

Explanation

A copy then fail operation completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2281I Drive copy completed and drive replaced**

Explanation

A copy then replace operation completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2282I Drive copy canceled**

Explanation

A drive copy was canceled because of user request or a drive in the copy operation fails.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2283I Drive copy suspended**

Explanation

A drive copy operation is suspended.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2284I Drive copy resumed**

Explanation

A suspended drive copy operation was resumed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2285M Impending drive failure detected by drive**

Explanation

A PFA condition was detected, but an automatic drive copy operation was not initiated due to the configuration settings or current volume state.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2286I Drive copy triggered by a drive detected impending failure**

Explanation

A drive detected an impending failure triggering an automatic drive copy operation before the drive failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2287M A NTP domain server name is either invalid or the configured primary or secondary DNS servers are unreachable**

Explanation

The controller was unable to resolve an IP address for the given domain name of the NTP server using the administered primary or secondary DNS.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2288M Either the NTP server's resolved or configured IP address is wrong or the IP address is unavailable via the attached network**

Explanation

The controller was unable to reach an NTP server's resolved or configured IP address.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2289M The DNS/NTP configuration on this controller is either incorrect or all the NTP servers are unreachable over the network**

Explanation

All SNTP queries to the configured Primary and Secondary NTP Servers failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE228AI . After controllers are rebooted, the NTP state is compared on the two controllers. In this case, they were found to be different, for example, one controller has NTP enabled and the other has NTP disabled. Although this is unconventional, it might be intentional**

Explanation

The controllers in this array have different NTP enable/disable settings.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2302M SBB validation failure for power supply**

Explanation

A power supply failed the validation for Storage Bridge Bay.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2303M Mismatched midplane EEPROM contents**

Explanation

The contents of the EEPROMs on the midplanes do not match.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2304M Two wire interface bus failure**

Explanation

A failure was detected on the two wire interface bus.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2305M VPD EEPROM corruption**

Explanation

VPD data in the Storage Bridge Bay EEPROM is corrupted.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2306I Mismatched midplane EEPROM contents one controller**

Explanation

The contents of the SBB EEPROMS on the midplane was detected as mismatched by one controller of a redundant pair.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2307I Chassis serial number was corrected**

Explanation

The controller firmware determined that the original chassis serial number was incorrect and has reprogrammed the serial number to the correct value.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2308F Chassis serial number might be incorrect**

Explanation

The controller firmware examined the chassis serial number but is not able to confirm its validity.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE2400I Hot swap monitor detected drive removal**

Explanation

The hot swap monitor detected that a drive was removed from the system.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2401I Hot swap monitor detected drive insertion**

Explanation

The hot swap monitor detected that a drive was inserted in the system.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2500M Controller removed**

Explanation

A controller was removed from an array configured to use dual controllers.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2506I A missing controller was reinserted**

Explanation

A missing controller was reinserted in a duplex environment.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2600I Automatic controller firmware synchronization started**

Explanation

An ACS Download was started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2601I Automatic controller firmware synchronization completed**

Explanation

The controller was rebooted after auto code synchronization was performed. An ASC/ASCQ value of 0x29/0x82 is also logged with this event.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2602L Automatic controller firmware synchronization failed**

Explanation

An auto code synchronization failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE2603I Default volume created**

Explanation

A default LUN was created at SOD.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2604M Persistent controller memory parity error**

Explanation

A SOD detected that the persistent memory parity error state was set. RPA memory has reported a persistent error, this generally results in a lock-down.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE2605I Start-of-day routine completed**

Explanation

A controller completed initialization.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2606I Start-of-day routine begun**

Explanation

A controller started the start-of-day routine.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2607M Inconsistent security (FDE) storage array lock key**

Explanation

An inconsistent array lock key situation was detected.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2700I Controller RPA memory parity error detected**

Explanation

Logged during ccmlnit during start of day if a parity error is found in RPA memory.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2702I Controller unexpected RPA interrupt detected**

Explanation

An unexpected RPA Interrupt was detected.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2703I Recoverable error in processor memory detected/corrected**

Explanation

A controller encountered recoverable processor DRAM ECC errors (below the maximum threshold).

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2705M Multiple mismatched key ids found**

Explanation

Multiple mismatched drive lock key IDs were detected by the firmware.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2801M Storage array running on UPS battery**

Explanation

A UPS battery started to supply power to the subsystem.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2802I UPS battery is fully charged**

Explanation

A UPS battery is charged and transitioned to the good state.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2803M UPS battery - two minutes to failure**

Explanation

The UPS has two minutes of power remaining before failing. The controllers will flush any dirty data in their caches and turn off data caching.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE2809I Controller tray component changed to optimal**

Explanation

A subsystem line transitioned to the Good state.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE280AM Controller tray component removed**

Explanation

An expected subsystem line was removed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE280BM Controller tray component failed**

Explanation

A subsystem line transitioned to the Failed state.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE280CI Drive tray component changed to optimal**

Explanation

An enclosure transitioned to the Good state.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE280DM Drive tray component failed or removed**

Explanation

An enclosure transitioned to the Failed state.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2816M Tray ID conflict - duplicate IDs across drive trays**

Explanation

A controller detected duplicate drive tray IDs in the subsystem.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2817I Tray ID conflict resolved**

Explanation

A controller detected that an enclosure ID conflict no longer exists.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE281AI Temperature changed to optimal**

Explanation

A controller detected that a temperature sensor has transitioned to a good status.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE281BM Nominal temperature exceeded**

Explanation

A controller detected that a temperature sensor has transitioned to a warning status.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE281CM Maximum temperature exceeded**

Explanation

A controller detected that a temperature sensor has transitioned to a failed status.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE281DM Temperature sensor removed**

Explanation

A controller detected that a temperature sensor is missing, which means an SES in an enclosure is missing. Check the enclosure to ensure that both SES components are installed. A different event is A temp sensor is present but failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE281EM IOM (ESM) firmware mismatch**

Explanation

A controller detected that two IOMs (ESMs) are not running the same firmware version.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE281FI IOM (ESM) firmware mismatch resolved**

Explanation

A controller detected that the firmware mismatch was cleared.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2823M Drive by-passed**

Explanation

A drive is bypassed on both ports.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2824I Drive by-passed condition resolved**

Explanation

A drive is available on at least one port.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2829M Controller redundancy lost**

Explanation

An array determined that one controller is in a failed mode.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE282AI Controller redundancy restored**

Explanation

An array determined that the controller was restored to optimal.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE282BM Drive tray path redundancy lost**

Explanation

A drive tray path failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE282CI Drive tray path redundancy restored**

Explanation

A drive tray path was restored.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE282DM Drive path redundancy lost**

Explanation

An array determined that a loss of drive path redundancy is a persistent condition.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE282EI Drive path redundancy restored**

Explanation

An array determined that the loss of redundancy condition is no longer present.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE282FM Incompatible version of IOM (ESM) firmware detected**

Explanation

A firmware download to an IOM (ESM) failed because the IOM (ESM) firmware is not compatible with the version of controller firmware on the storage array.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2830M Mixed drive types out of compliance**

Explanation

Either mixed drive types are not supported, or firmware determined that a mixture of PHYsical drive types is present, Mixed Drive Types is configured as a premium feature, and MDT is not enabled.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2831M Uncertified IOM (ESM) detected**

Explanation

An uncertified IOM (ESM) was discovered in a drive enclosure.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2832M Uncertified drive tray detected**

Explanation

Both ESMs in the tray are uncertified, or there is only one ESM in the tray, and it is uncertified.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2833M Controller host interface card ID mismatch**

Explanation

Either the base controller or the host interface card is different between the primary and the alternate controller in a storage array.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2834I Controller host interface card ID mismatch resolved**

Explanation

A mismatch condition was cleared.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2835M Drive trays not cabled correctly**

Explanation

A storage array configuration requires drive trays to be sequentially cabled together, but they are not.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2836M Discrete lines diagnostic failure**

Explanation

A discrete line test failed, due to either a fault Controller or a faulty Interconnect Module.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2837I Discrete lines diagnostic failure resolved**

Explanation

A faulty component (controller or Interconnect Module) was replaced, and the discrete line test was successfully re-run.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2838M Interconnect/battery canister removed**

Explanation

An interconnect or battery canister was removed from the controller enclosure.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2839I Interconnect/battery canister reinserted**

Explanation

An interconnect or battery canister was reinserted into the controller enclosure.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE283BM Power supply failed**

Explanation

A power supply failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2840I Controller submodel not set or not supported**

Explanation

A controller submodel identifier is not set.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2841M Controller submodel mismatch**

Explanation

An alternate controller performed a self-lockdown due to an unsupported or mismatched sub-model identifier.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2842I Controller submodel mismatch resolved**

Explanation

A controller submodel mismatch was resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2847I GBIC/SFP Installed**

Explanation

An SFP was installed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2848I GBIC/SFP removed**

Explanation

A SFP was removed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2849M IOM (ESM) Hardware mismatch**

Explanation

A controller detected an IOM (ESM) hardware mismatch in an enclosure in the storage array.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE284AI IOM (ESM) Hardware mismatch resolved**

Explanation

A controller detected that an IOM (ESM) hardware mismatch condition was cleared.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE284BL Link Speed (data rate) switch position has changed**

Explanation

A controller detected that an ESM hardware mismatch condition was cleared.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE284DI Drive tray expansion limit out of range**

Explanation

The value of the SHIPPED LIMIT attribute is greater than what can be supported by the product. The number of expansion trays is limited to the number that can be supported by the controller, as determined by the SubModel identifier.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE284EM Redundant power-fan canisters required - only one power-fan canister detected**

Explanation

A controller discovered a fan-only CRU in an enclosure that requires, for redundancy reasons, the power supply/fan combination CRU. This event is logged only once when the condition occurs.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE284FM Misconfigured tray**

Explanation

Needed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2850I Drive trays cabled correctly**

Explanation

A RAID controller detected that an ESM cabling error (0x2835) was resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2851I Enclosure EEPROM read failure**

Explanation

There is a problem reading the EEPROM VPD data.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2852M IOM (ESM) configuration settings version mismatch**

Explanation

Two IOMs (ESMs) in an enclosure report different factory default VPD data, and the automated correction of this condition was unsuccessful.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2853I IOM (ESM) configuration settings version mismatch cleared**

Explanation

The factory defaults mismatch condition is cleared, either by both IOMs (ESMs) reporting the same factory default version information, or when one of the mismatched IOM (ESM) pair is removed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2854M Drive port bypassed - Error thresholds exceeded**

Explanation

A Fibre Channel drive port was bypassed by an ESM because the error thresholds were exceeded.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2855M Controller cannot read alternate controller board ID**

Explanation

An alternate controller board ID cannot be read.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2856M Drawer failed**

Explanation

A drawer failed and is inoperable. The drives in this drawer are not accessible.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2857M Drawer open or removed**

Explanation

A drawer was opened or removed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2858I Drawer closed**

Explanation

A drawer status changes from open/removed to closed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2859I Host-side SFP installed**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE285AI Host-side SFP removed**

Explanation

The host-side SFP was removed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE285BI Drive-side SFP installed**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE285CI Drive-side SFP removed**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE285DM Expansion tray thermal shutdown**

Explanation

An expansion tray was shutdown for thermal reasons.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE285FM A drawer in the tray has become degraded**

Explanation

Either DCM on the drawer failed, or the drawer is marked as degraded. The drawer must be serviced, but one DCM is still operational, allowing continued IO to the drives on the drawer. If both DCMs fail, the drawer is marked as failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2860I The drawer's status is optimal**

Explanation

The drawer is optimal because no failure conditions for the drawer are known.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2861M A drawer was detected that is not valid**

Explanation

An invalid drawer was detected inside the drive enclosure.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2862M A drawer was removed**

Explanation

A drawer was removed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2863M Host-side SFP failed**

Explanation

The host-side SFP failed, possibly due to the wrong type for the protocol in use.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2864M Host-side SFP unsupported**

Explanation

The wrong type of host-side SFP was installed for the protocol in use

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2865I Host-side SFP optimal**

Explanation

The host-side SFP is optimal.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE2866F An IOM (ESM) has reported an exception event**

Explanation

IOM (ESM) exception event occurred (for example, assert, crash, or unexpected reboot).

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE2900L Entering invalid system configuration**

Explanation

The system entered an invalid configuration state as well as every 24 hours if the system remains in that state. When the system is in an invalid configuration state, no configuration changes are allowed -- no new volumes can be created, no new snapshots, no changes of any kind. IO can still be performed to existing user data. Use the recovery guru to correct the invalid configuration state.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE2901I Leaving invalid system configuration**

Explanation

The system recovered from an invalid system configuration state.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3000I Format unit issued**

Explanation

A controller processed a format command. The LUN value indicates the LUN that the controller is formatting.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3002I Reassign blocks issued from host**

Explanation

A reassign blocks command was issued from the host.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3006I Safe pass-through issued**

Explanation

Log entries are made by the set pass through and save pass through command handlers respectively before the pass through command is sent to the drive. The following passed through commands are not logged: Test Unit Ready, Read Capacity, Inquiry, Mod.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3007I Mode select for page 1 received**

Explanation

A Mode Select for Page 0x01 was received, and the Post Error bit value was changed from the value stored in NVSRAM.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3009I Mode for caching page 8 received**

Explanation

A Mode Select Page 0x08 (Caching page) was received.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE300AI Mode select for control mode page A received**

Explanation

A Mode Select Page 0x0A (Control mode page) was received.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE300DI Mode select for redundant controller page 2C received**

Explanation

A Mode Select Page 0x2C (Redundant controller page) is received.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3012I Write buffer received**

Explanation

A Write Buffer was received to the buffer ids listed in the optional data.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3014I Drive firmware download started**

Explanation

A drive firmware download started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE301AI Drive firmware download failed**

Explanation

A drive firmware download failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE301BI Drive firmware and/or interposer firmware download is completed**

Explanation

A drive firmware and/or interposer firmware download completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE301CI IOM (ESM) firmware download started**

Explanation

An IOM (ESM) firmware download started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE301DI IOM (ESM) firmware download failed**

Explanation

An IOM (ESM) firmware download failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE301EI IOM (ESM) firmware download completed**

Explanation

An IOM (ESM) firmware download successfully completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE301FI Unable to register a volume due to insufficient resources**

Explanation

A volume is unable to be registered due to insufficient resources. This indicates that the controller is low on available memory, and that the persistent reservation could not be honored.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3020I Update of power supply firmware was blocked**

Explanation

An attempt to update the firmware in a power supply was blocked because the power supply is either not optimal or not redundant.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3021I Update of power supply firmware failed**

Explanation

An attempt to update the firmware in a power supply failed due to either a problem with the power supply, a problem with the firmware image, or a problem communicating with the power supply.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3022I Update of power supply firmware started**

Explanation

An update of the power supply firmware started for one or more power supplies.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3023I Update of power supply firmware completed**

Explanation

An update of the power supply firmware completed for one or more power supplies.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3024I All drive downloads complete**

Explanation

Logged when the overall drive update process completed. Individual drive completion status is reported in individual MEL events. The drive specific status might be successful, failed, or not attempted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3025I A Set Target Port Groups (STPG) command was received for this volume and caused the volume to be transferred**

Explanation

An STPG command is received.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3101I Asynchronous event notification (AEN) was posted for recently logged event**

Explanation

A controller posts an AEN.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3300I Autocode synchronization drive image write started**

Explanation

The writing of the controller firmware image to the drive started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3301I Autocode synchronization drive image write completed**

Explanation

The writing of the controller image to the drive completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3302I Autocode synchronization drive image invalidated**

Explanation

The controller firmware image on the drive was invalidated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3303I Autocode synchronization drive image write failure**

Explanation

The writing of the firmware image to the drive failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3304I Autocode synchronization drive image invalidate failure**

Explanation

An attempt to invalidate the image on the drive failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3305I Drive image write retry exhausted**

Explanation

The number of retries to write the image was exhausted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3306I Insufficient storage for autocode synchronization image**

Explanation

There is no drive available to store the ACS image.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3307F Insufficient storage or drive count for autocode synchronization image**

Explanation

There are not enough drives available to store the ACS image. An attempt was made to store part of the firmware as a drive image, but there weren't enough drives available to complete the operation.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE3402I Raw data retrieve canceled by user**

Explanation

The raw data retrieval was canceled by the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3403I Raw data retrieve canceled by controller**

Explanation

The retrieval of raw data was canceled by the controller.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3404I Raw data restore start**

Explanation

The restoration of raw data to the controller started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3405I Raw data restore completed**

Explanation

The restoration of raw data to the controller completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3406I Raw data restore canceled by user**

Explanation

The restoration of raw data to the controller was canceled by the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3407I Raw data restore canceled by controller**

Explanation

The restoration of raw data to the controller was canceled by the controller.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3408I Raw data retrieve structure inconsistency detected**

Explanation

A raw data retrieve consistency check detected an inconsistency in the database. In this case, a previously retrieved database was restored to the controller. However, during the verification of the restored database, an inconsistency was detected. For example, the metadata record, the top level directory record, or the second level directory record may not be valid. The imported database is unusable. A different database should be imported or the system should be completely reset.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3500I A schedule was created**

Explanation

A schedule object was created and was associated with an operation (such as a snapshot) to be initiated at a certain time.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3501I A previously defined schedule was modified**

Explanation

A command was received from a host application to modify a previously defined schedule object.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3502I A previously defined schedule was deleted**

Explanation

A command was received from a host application to deleted a previously defined schedule object.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3503I A previously defined schedule was enabled**

Explanation

A command was received from a host application to enable a previously defined schedule object.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3504I A previously defined schedule was disabled**

Explanation

A command was received from a host application to disable a previously defined schedule object.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3505I The start of a scheduled operation was missed**

Explanation

The initiation of an operation associated with a schedule object was missed. This is likely due to the controller being offline when the scheduled time for the operation passed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3506I An operation associated with a schedule completed**

Explanation

An operation associated with a schedule object completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3508I The scheduled time for an operation was reached and the associated action initiated**

Explanation

An action associated with a schedule object was initiated due to the scheduled time being reached.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3600I SSD cache created on the storage array**

Explanation

An SSD cache was created on the storage array.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3601I SSD cache deleted on the storage array**

Explanation

An SSD cache was deleted on the storage array.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3602I SSD cache suspended**

Explanation

An SSD cache was suspended by the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3603I SSD cache resumed**

Explanation

An SSD cache was resumed by the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3604M SSD cache failed due to cache size mismatch on the two controllers**

Explanation

An SSD cache failed due to cache size mismatch on the two controllers.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE3605M SSD cache has associated non-optimal drives**

Explanation

An SSD cache has associated non-optimal drives.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE3607I SSD cache enabled on a volume**

Explanation

An SSD cache is enabled on a volume.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3608I SSD cache disabled on a volume**

Explanation

An SSD cache is disabled on a volume.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3609I Drives added to an SSD cache**

Explanation

Drives were added to an SSD cache.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE360AI Drives removed from an SSD cache**

Explanation

Drives were removed from an SSD cache.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE360BI SSD cache performance modeling started**

Explanation

An SSD cache performance modeling started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE360CI SSD cache performance modeling stopped**

Explanation

An SSD cache performance modeling stopped.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE360DI SSD cache performance modeling results reset**

Explanation
SSD cache performance modeling results were reset.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE360EI SSD cache transitioned to optimal**

Explanation
An SSD cache transitioned to optimal state.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE360FI SSD cache performance modeling internal structures created on the storage array**

Explanation
An SSD cache performance modeling internal structures was created on the storage array.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE3610I SSD cache performance modeling internal structures deleted on the storage array**

Explanation
An SSD cache performance modeling internal structures was deleted on the storage array.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3611I SSD cache performed modeling enabled on a volume**

Explanation

An SSD cache performed modeling is enabled on a volume.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3612I SSD cache performed modeling disabled on a volume**

Explanation

An SSD cache performed modeling is disabled on a volume.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3613I SSD cache renamed**

Explanation

An SSD cache was renamed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3700I Core dump was captured**

Explanation

A core dump was captured.

Severity
Informational

Serviceable with log
Yes

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE3701I Core dump was not captured**

Explanation
A core dump was not captured.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE3702I Core dump capture failed**

Explanation
A core dump was attempted but failed.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE3703I Core dump retrieval started**

Explanation
A core dump retrieval started.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE3704I Core dump retrieval completed**

Explanation
A core dump retrieval completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3705I Core dump retrieval was cancelled**

Explanation

A core dump retrieval was cancelled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3706I Core dump retrieval has timed out**

Explanation

A core dump retrieval timed out.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3707I Core dump has not been retrieved and overwritten**

Explanation

A core dump was created but was not retrieved before it was overwritten.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3708I Core dump restore completed**

Explanation

A core dump restoration completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3803M Disk pool reconstruction reserved drive count is below threshold**

Explanation

An available space that is reserved for reconstructions within a disk pool fell below the reconstruction reserved disk count value. This occurs when failed drives were rebuilt and used reserved space.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE3804M Disk pool utilization exceeded the warning threshold**

Explanation

A pool utilization exceeded the pool utilization warning threshold.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE3805M Disk pool utilization exceeded the critical threshold**

Explanation

A disk pool usage exceeded the pool usage critical threshold.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE3807I Disk pool drive reconstruction started**

Explanation

A reconstruction started on a drive that is assigned to a disk pool.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3808I Disk pool drive reconstruction completed**

Explanation

A reconstruction completed on a drive that is assigned to a disk pool.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3809M All of the disk pool's free capacity was used**

Explanation

A disk pool ran out of capacity. This is typically seen when reconstruction operations consume all of the capacity while trying to recover from drive failures.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE380AI Disk pool reconfiguration started**

Explanation

A disk pool reconfiguration started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE380BI Disk pool reconfiguration completed**

Explanation

A disk pool reconfiguration completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE380CM Disk pool configuration has insufficient memory**

Explanation

A disk pool configuration has insufficient memory.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE380DL Disk pool has corrupted database record**

Explanation

A disk pool corrupts database record.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE380EI A disk pool capacity reduction operation started**

Explanation

A disk pool capacity reduction operation started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE380FI A reconstruction of a critically degraded disk pool volume started**

Explanation

Reconstruction of critical degraded CStripes started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE3810I A reconstruction of a critically degraded disk pool volume completed**

Explanation

Reconstruction of critical degraded CStripes completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE4004I Alternate controller quiescence message received**

Explanation

A quiescence manager message was received from the alternate controller.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE4005I Controller quiescence started**

Explanation

A controller level quiescence started on the controller.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE4006I Alternate controller quiescence started**

Explanation

A controller level quiescence started on the alternate controller.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE4007I Subsystem quiescence started**

Explanation

A subsystem level quiescence started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE4008I Controller quiescence halted**

Explanation

A controller level quiescence was aborted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE4009I Controller quiescence released**

Explanation

A controller level quiescence was released.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE400AI Alternate controller quiescence released**

Explanation

A controller level quiescence on alternate was released.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE400BI All channel reset detected**

Explanation

A controller detected that the alternate controller was removed or replaced.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE400CI Controller placed offline**

Explanation

A controller successfully transitioned the alternate controller to the reset/hold state.

Severity

Informational

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE400DI Controller placed online**

Explanation

A controller successfully released the alternate controller from the reset/failed state.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE400EI Automatic volume transfer started**

Explanation

An Auto Volume Transfer is initiated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE400FI Controller reset by its alternate**

Explanation

An alternate controller was reset. The controller number in the event reflects the controller that was held in reset.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE4010I Controller reset**

Explanation

The controller is going to reset itself through the controller firmware. This event is not logged when the controller is reset because of hardware errors (such as watchdog timeout conditions). The controller number reflects the controller number of the board that was reset.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE4011M Volume not on preferred path due to AVT/RDAC failover**

Explanation

A "volume not on preferred path" condition persisted longer than the alert delay period. Some OEM customers classify this as an informational event, others as a critical event.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE4012I Volume not on preferred path due to AVT/RDAC failover**

Explanation

A "volume not on preferred path" condition persisted longer than the alert delay period. Some OEM customers classify this as an informational event, others as a critical event.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5000I Assign component ownership**

Explanation

Logged on entry to assignVolumeGroupOwnership_1.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5001I Assign hot spare drive**

Explanation

Logged on entry to assignDriveAsHotSpares_1.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5002I Create volume**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5003I De-assign hot spare drive**

Explanation

Logged on entry to deassignDriveAsHotSpares_1.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5004I Delete volume**

Explanation

Logged on entry to deleteVolume_1.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5005M Place controller offline**

Explanation

Logged on entry to setControllerToFailed_1.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE5006I Fail drive**

Explanation

Logged on entry to setDriveToFailed_1.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5007I Initialize volume group, disk pool, or volume**

Explanation

Logged on entry to startVolumeFormat_1.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5008I Initialize drive**

Explanation

Logged on entry to initializeDrive_1.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5009I Controller firmware download started**

Explanation

A controller firmware download started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE500BI Controller NVSRAM download started**

Explanation

A controller NVSRAM download started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE500EI Reconstruct drive/volume**

Explanation

Logged on entry to startDriveReconstruction_1.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE500FI Start component defragment**

Explanation

Logged on entry to startVolumeGroupDefrag_1.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5010I Add free capacity to component**

Explanation

Logged on entry to startVolumeGroupExpansion_1.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5011I Change RAID level of component**

Explanation

Logged on entry to startVolumeRAIDMigration_1.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5012I Change segment size of volume**

Explanation

Logged on entry to startVolumeSegmentSizing_1.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5014I Change controller to active mode**

Explanation

Currently not logged. Formerly logged on entry to setControllerToActive_1.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5015I Update cache parameters of storage array**

Explanation

Logged on entry to setSACacheParams_1. Instructs the SYMbol Servers controller to propagate a controller cache change to all controllers in the storage array.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5016I Change name of storage array**

Explanation

Logged on entry to setSAUserLabel_1. Instructs the controller to change the shared storage array name.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE5017I Synchronize controller clock**

Explanation
Logged on entry to setControllerTime_1.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE5018I Change cache parameters of volume**

Explanation
Logged on entry to setVolumeCacheParams_1.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE501AI Change name of volume**

Explanation
Logged on entry to setVolumeUserLable_1.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE501BI Place controller online**

Explanation
Logged on entry to setControllerToOptimal_1.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE501CI Revive drive**

Explanation

Logged on entry to setDriveToOptimal_1.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE501DI Revive volume**

Explanation

Logged on entry to forceVolumeToOptimal_1.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE501EI Change positions of trays in PHYSical view**

Explanation

Logged on entry to setSATrayPositions_1.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE501FI Change media scan (scrub) settings of volume**

Explanation

Logged on entry to setVolumeMediaScanParameters_1.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE5020I Change media scan (scrub) settings of storage array**

Explanation
Logged on entry to setSAMediaScanRate_1.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE5021I Reset configuration of storage array**

Explanation
Logged on entry to clearSAConfiguration_1. Clears the entire array configuration, deleting all volumes and returning to a clean initial state.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE5023I Controller return status/function call for requested operation**

Explanation
Logged on the return from RPC function returning ReturnCode.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE5024I Internal download checkpoint**

Explanation

A download checkpoint was updated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5025I Controller firmware download failed**

Explanation

A controller firmware download failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5026I Controller firmware download completed**

Explanation

A controller firmware download successfully completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5027I Controller NVSRAM download failed**

Explanation

A controller NVSRAM download failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5028I Controller NVSRAM download completed**

Explanation

A controller NVSRAM download successfully completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5029I Reset controller battery parameters**

Explanation

A battery parameters were updated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE502AI Assign volume ownership**

Explanation

A volume ownership was modified.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE502BI Increase volume capacity**

Explanation

A volume capacity was increased.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5030I Activate mirroring**

Explanation

A Remote Volume Mirroring feature was activated on the local array. Activation causes the controller host-ports to be configured for mirroring.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5031I Deactivate mirroring**

Explanation

A Remote Volume Mirroring feature was deactivated on the local array. Deactivation restores normal host-port functionality.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5032I Change synchronization priority**

Explanation

A synchronization priority of a mirrored volume was changed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5033I Start mirror synchronization**

Explanation

A mirror relationship was created. The event is only propagated on the primary mirror storage array.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5037I Incorrect password attempted**

Explanation

An authentication failure occurred, but the lockout state is not yet entered.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5038L Storage array 10-minute lockout; maximum incorrect passwords attempted**

Explanation

A lockout state was entered.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE5039I Change parameters of volume copy pair**

Explanation

The parameters were changed on a volume copy pair.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE503AI Start volume copy operation**

Explanation

Processing a user request (via SYMbol) to start a copy. This does not necessarily match the actual start of data movement because the copy might be queued.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE503BI Stop volume copy operation**

Explanation

Processing a user request (via SYMbol) to stop a copy.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE503CI Change mirrored pair write mode**

Explanation

A mirror pair write mode was changed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE503DI Suspend mirror relationship**

Explanation

A mirror pair was suspended.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE503EI Resume mirror relationship**

Explanation

A mirror pair was resumed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE503FI Resynchronization set for automatic**

Explanation

A resynchronization was set for automatic.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5040M Place controller in service mode**

Explanation

A controller was placed in service mode.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE5041I Recover volume**

Explanation

A volume was recovered.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5042I Mirror relationships for write consistency group suspended**

Explanation

A write consistency group was suspended.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5043I Mirror relationships for write consistency group resumed**

Explanation

A write consistency group was resumed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5044I Configuration change from single to dual or dual to single controller mode**

Explanation

The single controller mode was changed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5045I Activate controller firmware started**

Explanation

The controller firmware activation process started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5046I Activate controller firmware completed**

Explanation

A controller firmware activation process completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5047I Activate controller firmware failed**

Explanation

A controller firmware activation process failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5048I Clear controller firmware started**

Explanation

A command to invalidate controller firmware in the staging area started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5049I Clear controller firmware complete**

Explanation

A command to invalidate controller firmware in the staging area completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE504AI Suspend mirror list completed**

Explanation

A user suspended a list of mirrored volume pairs.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE504BI Resume mirror list completed**

Explanation

A user resumed a list of suspended mirrored volume pairs.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE504CI Enable alarm**

Explanation

An audible alarm was enabled using SYMBol.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE504DI Disable alarm**

Explanation

An audible alarm was disabled using SYMBol.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE504EI Power down storage array**

Explanation

A controller firmware received a power down request from SYMBol.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE504FI This command is no longer valid**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5050I Clear controller firmware failed**

Explanation

A command to invalidate controller firmware in the staging area failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5051I Feature pack key file successfully applied**

Explanation

A RAID controller detected that a feature pack key file was successfully applied.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5052I Feature pack key file successfully removed**

Explanation

A RAID controller detected that a feature pack key file was successfully removed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5053I Drive was replaced**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5054I Create volumes with free capacity (extents)**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5055I Get volume free capacities (extents)**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5056I Create component**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5057I Delete component**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5058I Set component user label**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5059I Force component**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE505AI Export component**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE505BI Import component**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE505CI Tray ID changed**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE505DI Importing the component was canceled**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE505EI Importing the component failed**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE505FI Exporting the component failed**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5060I Volume properties set**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5061I Drive has become native to this array**

Explanation

A storage array received a request to adopt a foreign drive. As the drive was processed, a MEL_EV_DRIVE_ADOPTED event was also logged.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5062I Drives have become native to this array**

Explanation

A storage array received a request to adopt multiple foreign drives. As each drive was processed and adopted, a MEL_EV_DRIVE_ADOPTED event was also logged.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5063I Reset storage array configuration**

Explanation

A controller's storage array configuration was reset. Note that this does not reset everything on the array, nor does it clear the database entirely.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5064I Volume configuration was reset**

Explanation

The configuration information for all volumes and volume groups were reset.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5065I Security (FDE) storage array key created**

Explanation

A FDE lock key was created for the array.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5066I Security (FDE) storage array key updated**

Explanation

A FDE array lock key was updated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5067I Security (FDE) storage array key exported**

Explanation

A FDE array lock key was exported.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5068I Security (FDE) storage array key set**

Explanation

The Lock Key was set.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5069I Security (FDE) storage array key set complete**

Explanation

Setting the lock key completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE506AI External key management enabled**

Explanation

External FDE key management is enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE506BI External key management disabled**

Explanation

External FDE key management is disabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE506CI New external key installed**

Explanation

A new external FDE key was installed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE506DM Security (FDE) key failed validation attempts due to excessive tries**

Explanation

The number of attempts to validate the lock key exceeded the threshold.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE506EI Created security (FDE) storage array key cleared**

Explanation

The array lock key was cleared.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE506FI The installed security (FDE) key is not valid**

Explanation

Installation of a lock key failed either due to a corrupt key that cannot be unwrapped or a lock key that does not successfully unlock drives even though its lock key ID matches that of the drives. When this event is logged, MEL_EV_FDE_LOCK_KEY_NEEDED is also logged (MEL_EV_INVALID_INSTALLED_LOCK_KEY provides additional information). Clear the MEL_EV_FDE_LOCK_KEY_NEEDED and this event by following the instructions provided by the Recovery Guru.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5070I Autosupport enabled**

Explanation

Autosupport is enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5071I Autosupport disabled**

Explanation

Autosupport is disabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5072I Enable OnDemand**

Explanation

ASUP OnDemand is enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5073I Disable OnDemand**

Explanation

ASUP OnDemand is disabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5074I OnDemand Remote Diagnostics Enabled**

Explanation

OnDemand remote diagnostics is enabled in product capabilities manager

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5075I OnDemand Remote Diagnostics Disabled**

Explanation

OnDemand remote diagnostics is disabled in product capabilities manager

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5076I External SYMbolAPI access was disabled**

Explanation

SYMbolAPI access was disabled by the administrator.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE5077I External SYMbolAPI access was enabled**

Explanation
SYMbolAPI access was enabled by the administrator.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE5078I Indication of when the SYMbol command resetSAConfiguration is executed with the type CLEAR_ALL_FACTORY_RESET**

Explanation
SYMbol command resetSAConfiguration with the type CLEAR_ALL_FACTORY_RESET was run.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE5079I Indication of when the SYMbol command resetSAConfiguration is executed with the type CLEAR_ALL_SUPPORT_RESET**

Explanation
SYMbol command resetSAConfiguration with the type CLEAR_ALL_SUPPORT_RESET was run.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE507AI AutoSupport maintenance mode enabled**

Explanation

AutoSupport maintenance mode is enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE507BI AutoSupport maintenance mode disabled**

Explanation

AutoSupport maintenance mode is disabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE507CI One of the images contained in the controller firmware package failed to authenticate using the provided public key and signature**

Explanation

Controller firmware signature validation failed during a download.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE507DI The Controller NVSRAM package failed to authenticate using the provided public key and signature**

Explanation

NVSRAM signature validation failed during a download.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE507EF AutoSupport maintenance mode configuration request failed**

Explanation

AutoSupport maintenance mode configuration request failed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE5100M Base controller diagnostic failed**

Explanation

One or more diagnostic tests detected that one or more component within the base controller is not functioning as desired.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5101M Base controller diagnostic on alternate controller failed**

Explanation

One or more diagnostic tests detected that one or more component on the alternate controller is not functioning as desired. As a result, the alternate controller is locked down.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5102M IOC fault diagnostic failure was detected**

Explanation

An IOC diagnostic test detected a failure. As a result, the controller is locked down.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5103L SAS PHY disabled bypassed port**

Explanation

One of the PHYs on a wide port is disabled. The wide ports are used only between the IOC and either the local or the partner controller's expander. The bad hardware would be one of the controllers or the mid-plane.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE5104L SAS PHY disabled bypassed drive**

Explanation

A PHY that is connected to a drive is disabled. The error could be in the expander or drive. This event is generated only when the controller disables a PHY not the ESM. The easiest replacement option is the drive, so it should be called out as the first choice for replacement.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE5105M SAS PHY disabled local wide port**

Explanation

A bad SAS PHY disabled the local wide port.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5106M SAS PHY disabled shared wide port**

Explanation

A bad SAS PHY disabled a shared wide port.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5107I A SAS PHY was enabled**

Explanation
A SAS PHY was enabled.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action

Information only; no action is required.

- **FQXDE5108F Controller failover due to lost expansion tray access**

Explanation
A controller failover occurred due to lost expansion tray access.

Severity
Warning

Serviceable with log
No

Automatically Notify Support
No

User Action

- **FQXDE5200I Create host group**

Explanation
Logged on entry to spmCreateCluster.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action

Information only; no action is required.

- **FQXDE5201I Delete host group**

Explanation
Logged on entry to spmDeleteCluster.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5202I Rename host group**

Explanation

Logged on entry to spmRenameCluster.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5203I Create host**

Explanation

Logged on entry to spmCreateHost.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5204I Delete host**

Explanation

Logged on entry to spmDeleteHost.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5205I Rename host**

Explanation

Logged on entry to spmRenameHost.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5206I Move host**

Explanation

Logged on entry to spmMoveHost.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5207I Create host port**

Explanation

Logged on entry to spmCreateHostPort.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5208I Delete host port**

Explanation

Logged on entry to spmDeleteHostPort.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5209I Rename host port**

Explanation

Logged on entry to spmRenameHostPort.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE520AI Move host port**

Explanation

Logged on entry to spmMoveHostPort.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE520BI Set host port type**

Explanation

Logged on entry to spmSetHostPortType.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE520FI Create volume-to-LUN mapping**

Explanation

Logged on entry to spmCreateLUNMapping.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5210I Delete volume-to-LUN mapping**

Explanation

Logged on entry to spmDeleteLUNMapping.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5211I Change volume-to-LUN mapping**

Explanation

Logged on entry to spmMoveLUNMapping.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5214I Topology and mappings deleted**

Explanation

A topology and mappings were deleted from the storage array.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5216I iSCSI initiator was created**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5217I iSCSI initiator was deleted**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5218I Host properties have been set**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5219I Initiator properties have been set**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE521AI The initiator authentication type was changed**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE521BI The initiator's CHAP secret was changed**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE521CI The target authentication type was changed**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE521DI The target's CHAP secret was changed**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE521EI The target's iSCSI properties were set**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE521FI The target's iSCSI alias was set**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5220I Create new host port**

Explanation

A new host port was created using the SYMbol interface.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5221I Set host port properties**

Explanation

A host port properties were set using the SYMbol interface.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5222M Invalid host OS index detected**

Explanation

A host index was detected that is considered to be invalid due to NVSRAM settings.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5223M Invalid default OS index detected**

Explanation

The default OS index is invalid.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5224M Inactive host port registered**

Explanation

A Host Context Agent (HCA) attempted to register a host port associated with a host that already has storage partition mappings. The host port was consequently marked inactive and can be activated through the storage management software or CLI.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5225M Inactive initiator registered**

Explanation

A Host Context Agent (HCA) attempted to register an iSCSI initiator associated with a host that already has storage partition mappings. The iSCSI initiator was consequently marked inactive and can be activated through the storage management software.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5226I Failed host port registration**

Explanation

A Host Context Agent (HCA) attempted a host registration which failed because the host port is already registered under a different host name.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5227I Inactive host port activated**

Explanation

An inactive host port was activated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5228I Failed initiator registration**

Explanation

A Host Context Agent (HCA) attempted a host registration which failed because the iSCSI initiator is already registered under a different host name.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5229I Inactive initiator activated**

Explanation

An inactive initiator port was activated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE522AI Host port records deleted**

Explanation

Existing host port records corresponding to a IO protocol were deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE522BI A remote target was created**

Explanation

A remote target was created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE522CI A remote target was deleted**

Explanation

A remote target was deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE522DI The properties for a remote target were set**

Explanation

The properties for a remote target were set.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE522EI The authentication for a remote target was changed**

Explanation

The authentication for a remote target was changed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE522FI The secret for a remote target was changed**

Explanation

The secret for a remote target was changed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5230I The alias for the local initiator was set**

Explanation

The alias for the local initiator was set.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5231I The properties for the local initiator were set**

Explanation

The properties for the local initiator were set.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5232I The authentication was set for the local initiator**

Explanation

The authentication was set for the local initiator.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5233I The change secret for the local initiator was set**

Explanation

The change secret for the local initiator was set.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5400I Premium feature enabled**

Explanation

A feature is enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5401I Premium feature disabled**

Explanation

A feature is disabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5402M Premium feature out of compliance**

Explanation

Some features are enabled but were not purchased.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5403M Premium feature exceeds limit**

Explanation

The limits of a premium feature were exceeded (for example, six storage partitions were mapped but only four were purchased).

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5404I Feature Enable Identifier changed**

Explanation

A new SAFE ID was successfully generated and stored.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5405M Gold Key - mismatched settings**

Explanation

Each controller of the pair has a different setting for the NVSRAM bit that controls whether or not the controller is subject to Gold Key restrictions. When this condition was detected, both controllers are treated as though they are subject to the restrictions.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5406M Mixed drive types - mismatched settings**

Explanation

Each controller of the pair has a different setting for the NVSRAM bit that controls whether or not Mixed Drive Types is a premium feature. When this condition was detected, both controllers are treated as though MDT is a premium feature.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5407I Evaluation license is about to expire**

Explanation

The evaluation license is near its expiration date.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5408I Feature evaluation period was enabled**

Explanation

The evaluation period for a SAFE feature was enabled and the trial period started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5409M Feature evaluation period expiration is imminent**

Explanation

The trial period for a feature license is very near expiration.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5600I Controller passed diagnostics**

Explanation

A controller successfully passed runtime diagnostics.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5601I This controller's alternate passed diagnostics**

Explanation

An alternate controller successfully passed diagnostics.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5603I Diagnostics rejected - already in progress**

Explanation

Runtime Diagnostics request was rejected because it is already in progress.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5604I Diagnostics rejected this controller's alternate is absent or failed**

Explanation

Runtime Diagnostics request was rejected because the alternate controller is either absent, failed, or in passive mode.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5605I Diagnostics rejected error occurred when sending the Icon message**

Explanation

Runtime Diagnostics request failed because an error occurred when sending the ICON message.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5606I Diagnostics rejected - task unable to queue DIAG_INIT_MSG message**

Explanation

Runtime Diagnostics request failed because ctrlDiag task was unable to queue the DIAG_INIT_MSG message.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5607I Diagnostics returned unknown ReturnCode**

Explanation

A Runtime Diagnostics status is unknown because of unknown ReturnCode.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5608I Diagnostics rejected - test ID is incorrect**

Explanation

Runtime Diagnostics request rejected because test ID is invalid.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE560AI Diagnostics rejected access volume (UTM) is not enabled**

Explanation

Runtime Diagnostics request rejected because UTM is not enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE560DM Diagnostics read test failed on controller**

Explanation

Runtime Diagnostics Read test failed on this controller.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE560EM This controller's alternate failed diagnostics read test**

Explanation

Runtime Diagnostics Read test failed on the alternate controller.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE560FM Diagnostics write test failed on controller**

Explanation

Runtime Diagnostics Write test failed on this controller.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE5610M This controller's alternate failed diagnostics write test**

Explanation

Runtime Diagnostics Write test failed on the alternate controller.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE5611I Controller passed diagnostics, but loopback test identified an error on loops**

Explanation

A controller passed diagnostics, but the loopback test identified an error on one or more of the loops.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5612I This controller's alternate passed diagnostics, but loopback test identified an error on loops**

Explanation

An alternate controller passed diagnostics, but the loopback test identified an error on one or more of the loops.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5613I Diagnostics loopback test identified bad destination channels**

Explanation

A specified destination channels were identified as bad during the Runtime Diagnostics Loopback Data test.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5616M Diagnostics rejected configuration error on controller**

Explanation

A configuration error occurred on this controller for running diagnostics.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE5617M Diagnostics rejected - configuration error on this controller's alternate**

Explanation

A configuration error of the alternate controller occurred for running diagnostics.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE561AI Diagnostics rejected - data transfer on controller is not disabled (quiesced)**

Explanation

A Runtime Diagnostics request was rejected because controller is not quiesced.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE561BI Diagnostics rejected data transfer on this controllers alternate is not disabled (quiesced)**

Explanation

A Runtime Diagnostics request was rejected because the alternate controller is not quiesced.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE561CI Diagnostics rejected both controllers must be in active mode**

Explanation

A Runtime Diagnostics request rejected because both controllers must be in active mode.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE561DI Diagnostics initiated from this controller**

Explanation

A Runtime Diagnostics was initiated from this controller.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE561EI Running diagnostics on this controller**

Explanation

A Runtime Diagnostics was started on this controller.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE561FI Diagnostics rejected download is in progress**

Explanation

A Runtime Diagnostics request was rejected because download is in progress.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5620I Cable diagnostic started**

Explanation

A cable diagnostic was started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5621I Cable diagnostic completed**

Explanation

A cable diagnostic completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5622I An exception condition was detected on the controller**

Explanation

The controller firmware detected an exception condition on the controller. The optional data contains more details about the specific condition.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5801I Management port link down**

Explanation

A management port transitions from 'up' to 'down.'

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5802I Management port link up**

Explanation

A management port transitions from 'down' to 'up.'

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE5900I WWN migrated from database is invalid**

Explanation

A WWN that was migrated to this controller from another database (for example, during a firmware upgrade) is invalid. A legacy record from the database contains an invalid storage array WWN. In this case, the WWN for the array is generated from scratch. No other events are necessarily related to this event and there's no need for intervention by the user. The host software will need to rediscover the array in order to get the updated WWN.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6000I Internal configuration database created**

Explanation

An internal configuration database was created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6003I Internal configuration database not enough optimal drives available**

Explanation

There are not enough optimal drives available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6004I Internal configuration database is being resynchronized**

Explanation

An internal configuration database is being resynchronized.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6005I Internal configuration database read or write operation failed**

Explanation

An internal configuration database read or write operation failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6006I Internal configuration database merge failed**

Explanation

A stable storage database merge operation failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6007I Configuration database successfully adopted**

Explanation

A configuration database was successfully adopted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6008I Stable storage drive unusable**

Explanation

A drive is unusable because of I/O errors (does not occur when the drive is missing).

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6009I Stable storage drive usable**

Explanation

A stable storage drive previously out of date with the other mirrored drives in stable storage (because it was failed or spun down) is now spun up and made current.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE600AI A SSTOR miscompare was detected**

Explanation

Each SSTOR read attempts to read from three drives; however, a read from one drive's SSTOR does not match another drive's SSTOR.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6100I Internal configuration database cleared**

Explanation

An internal configuration database was cleared.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6101L Internal configuration database full**

Explanation

An internal configuration database is full. This error has never been reported. If this were to occur, the system would operate normally but no configuration changes that created additional objects would be allowed. The customer should contact support if this event is logged. There is no recovery action for the customer.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE6102I Internal configuration database size increased**

Explanation

A drive mismatch on an internal configuration database occurred.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6103I This controller's alternate was reset**

Explanation

A controller's alternate was reset.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6104I This controller's alternate failed**

Explanation

A controller's alternate failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6105I Internal configuration database file system corrupted**

Explanation

A file system is corrupted on an internal configuration database. The firmware cannot read any configuration information but continues operating. The customer should attempt to restore their configuration and data from a backup copy.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6106I Internal configuration database incorrect file system version**

Explanation

An incorrect file system version was found in an internal configuration database. The firmware cannot read the database because of a version incompatibility. This can occur if drives and/or controllers have been swapped or if the firmware version has changed. Review configuration changes and potentially download a version of firmware that is compatible with the database.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6107M This controller's alternate is non-functional and is being held in reset**

Explanation

A controller's alternate is non-functional and is being held in reset.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6108I Configuration information stored in the array's database may have been lost**

Explanation

Data that was intended to be written to the database might have been lost before the database update completed. This event occurs during SOD when the database firmware is unable to completely restore some of the information regarding write or read operations that were in process prior to the reboot. The firmware will continue to operate normally but the customer should perform a consistency check over the data to ensure its integrity.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6109M The controller is booting up in database recovery mode**

Explanation

The controller is booting up in database recovery mode, with no configuration. The backup database images are locked in read-only mode. The storage administrator is expected to recreate the configuration, using the database backup images.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE610AI The storage array is no longer in database recovery mode**

Explanation

The storage administrator finished regenerating the array configuration, and the array is no longer in database recovery mode.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE610BM The subrecord validation failed and could not be fixed**

Explanation

A subrecord validation by a client failed, and could not fix the subrecord themselves.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE610CI A subrecord validation has taken place, and been fixed**

Explanation

A subrecord validation occurred, and a client found an error but was able to fix it themselves.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE610DI Internal configuration database subrecord CRC mismatch**

Explanation

Either the metadata, subrecord directory, or subrecord data CRC did not match the computed value.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6300I Mirror repository volume created**

Explanation

A mirror repository volume was created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6301I Mirror repository volume deleted**

Explanation

A mirror repository volume was deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6400M Dual primary volume conflict**

Explanation

There is a conflict over the primary volume. Because both sides of the mirrored pair are in the same Primary role, both storage arrays report this MEL event.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6401M Dual secondary volume conflict**

Explanation

There is a conflict over the secondary volume. Because both sides of the mirrored pair are in the same Secondary role, both storage arrays report this MEL event.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6402M Data on mirrored pair unsynchronized**

Explanation

A mirror state transitioned to the unsynchronized state from either the synchronizing or optimal state.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6403I Data on mirrored pair synchronizing**

Explanation

A mirrored pair started the synchronization process.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6404I Data on mirrored pair synchronized**

Explanation

A mirrored pair completed the background synchronization process and the mirrored pair transitions to the optimal state.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6405I Associated volume in mirrored pair not present**

Explanation

A failed or interrupted mirror creation or deletion request resulted in an orphaned mirror. In this case, one array has the mirror configuration information, but the remote array does not have the information.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6406I Mirrored pair created**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6407I Mirrored pair deleted**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6408I Mirrored pair role changed**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6409I Mirror relationship suspended**

Explanation

A mirror relationship is suspended.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE640AI Data on mirrored pair unsynchronized**

Explanation

A data on mirrored pair is unsynchronized due to a volume failures.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE640BI Attempt to suspend mirrored pair failed**

Explanation

A Mirror relationship was suspended.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE640CI Mirror write mode set to synchronous**

Explanation

A mirror write mode was set to synchronous.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE640DI Mirror write mode set to asynchronous**

Explanation

A mirror write mode was set to asynchronous.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE640EI Mirror write mode set to asynchronous, write-consistent**

Explanation

A mirror write mode was set to asynchronous, write-consistent.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE640FI Mirror relationship degraded**

Explanation

A controller temporarily transitioned a Remote Volume mirror from an Optimal state to a Degraded, Unsynchronized state because the In-Flight log is above the fullness threshold. The controller does this to maintain high application performance.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6410I An asynchronous mode for legacy RVM Mirrors is not supported; therefore all legacy RVM mirrors have been deleted**

Explanation

An asynchronous mode for legacy RVM Mirrors is not supported.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6411M Mirror relationship has inconsistent write mode**

Explanation

The mirror relationship has inconsistent write mode.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6500I Remote volume created**

Explanation

A Remote Volume was created in conjunction with a remote mirror creation.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6501I Remote volume deleted**

Explanation

A Remote Volume was deleted in conjunction with a remote mirror deletion.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6502I Communication to remote volume up**

Explanation

A link is back up.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6503M Communication to remote volume down**

Explanation

A link is down.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6504I Remote storage array's world-wide name changed**

Explanation

An array received notification of its remote array's WWN change. This event was replaced with 0x6506.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6505M Failed to communicate storage array's world-wide name**

Explanation

An array detected during start-up processing that its WWN changed. When the firmware detects this name change, it attempts to notify any remote array that had previously been participating in a mirroring relationship. This event was replaced with 0x6507.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6600M Volume copy operation failed**

Explanation

A volume copy operation failed due to one of the following reasons: Read error on source volume, Write error on target volume, Configuration change resulting in a feature compatibility violation (for example, Role Change of a Remote Mirror).

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6601I Volume copy pair established**

Explanation

A volume copy was created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6602I Volume copy pair removed**

Explanation

A volume copy was deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6603I Volume copy operation in progress**

Explanation

The copy operation transitioned to in progress, which might or might not be at the time the user requests the copy to start. For example, a copy operation that first transitioned to the pending state (is queued due to lack of system resources at the time the copy start-request is processed) generates Event 0x6604, followed later by Event 0x6603 when resources become available for the data movement to actually start.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6604I Volume copy operation pending**

Explanation

A volume copy operation is queued.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6605I Volume copy operation stopped**

Explanation

Logged upon transitioned to the halted state and only occurs as the result of a user request and should follow Event 0x503B.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6606I Volume copy operation completed**

Explanation

Logged as a result of a completed copy operation when the entire extent of the source volume was copied to the target volume.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6700M Unreadable sectors detected data loss occurred**

Explanation

An unreadable sector was detected and data loss occurred.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6701I Unreadable sector repaired**

Explanation

An unreadable sector was repaired.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6702I All unreadable sectors on the volume repaired data unrecovered**

Explanation

All of the unreadable sectors on the volume were repaired.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6703M Overflow in unreadable sector database**

Explanation

A database is full.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6704I Unreadable sectors found on volume**

Explanation

An unreadable sectors were found on volume.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6705I Volume import failed - too many unreadable sectors**

Explanation

A volume import failed due to too many unreadable sectors.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6706I Unreadable sectors prevented data from being reconstructed to a replaced drive. An unreadable sector record was created on the replaced drive to track the fact that the data cannot be read**

Explanation

Inconsistent and PHYsical unreadable sectors on a drive that is undergoing reconstruction were converted by the controller to logical unreadable sectors (so they continue to be tracked).

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6800L Serial port recovery activated**

Explanation

A serial port recovery was activated. This event is a security measure and does not cause a Needs Attention condition on the array.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE6801L Serial port recovery had an incorrect password**

Explanation

A controller detected that a wrong password or corrupted password was entered. This event is a security measure and does not cause a Needs Attention condition on the array.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE6802I Serial port recovery exited**

Explanation

The serial port recovery is complete.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6900M Diagnostic data is available**

Explanation

An unusual event on the controller triggered the DDC feature to store diagnostic data.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6901I Diagnostic data retrieval operation started**

Explanation

A user-requested DDC data retrieval completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6902I Diagnostic data retrieval operation completed**

Explanation

A user-requested DDC data retrieval completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6903I Diagnostic data Needs Attention status was cleared**

Explanation

The storage administrator retrieved the DDC file successfully, clearing the Needs Attention status of the array.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6904I Diagnostic data capture information was lost**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6905I Non-critical data restore failed**

Explanation

During a cache restoration process, non-critical data (for example, DDC data) was not restored.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE6906I Diagnostic data capture information available**

Explanation

The diagnostic data capture information is available for retrieval.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7000I Incorrect feature pack key file**

Explanation

A RAID controller detected that an incorrect feature pack key file was applied. This event is logged if the firmware determines that a bundle key migration that was at one time valid is no longer valid. The firmware will revert to the original bundle key and reboot the controller. The customer will need to request a new bundle key migration.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7001M Feature pack key file required**

Explanation

A RAID controller detected that one or more features are enabled that violate the current Sub-Model definition.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7002I Feature bundle key was deleted**

Explanation

A feature bundle key was deleted during the configuration database adoption process. The MEL event will contain the source and target submodel ids contained in the key.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7003I Invalid feature bundle key was applied**

Explanation

A feature bundle upgrade was attempted but the feature bundle key is invalid.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7100I Discrete time series activated**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7101I Discrete time series deactivated**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7102I Discrete time series expired**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7103I Histogram activated**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7104I Histogram deactivated**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7105I Histogram expired**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7300M Battery backup unit overheated**

Explanation

The BBU is overheated.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7301M Insufficient learned battery capacity**

Explanation

Measured capacity of the BBU is insufficient to hold cache data for at least 72 hours.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7302I Low battery capacity**

Explanation

Current capacity of the BBU is insufficient to support write-back cache for 24 hours.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7303I Battery temperature nominal**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7304I Battery learn cycle will occur in one hour**

Explanation

A battery learn cycle will start within one hour.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7306M Battery missing**

Explanation

Information is not available.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7308M Battery expired**

Explanation
Information is not available.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE730BI Battery fully charged**

Explanation
Information is not available.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action

Information only; no action is required.

- **FQXDE730DI Battery replaced**

Explanation
Information is not available.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action

Information only; no action is required.

- **FQXDE730EI Battery capacity is sufficient**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE730FI Incomplete battery learn cycle**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7310I Learn cycle for battery started**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7311I Learn cycle for battery completed**

Explanation

Information is not available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7500M Persistent cache backup device failed**

Explanation

The persistent cache backup device failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7501M Cache backup device is write-protected**

Explanation

Write protection is enabled on the cache backup device.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7504I Cache backup device was replaced**

Explanation

The cache backup device was replaced.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7505I Backup metadata database corrupted**

Explanation

This event is logged as part of the cache backup feature. After power is restored, if, during the restoration of the cache data from the backup device, a problem was detected and the data on the backup device is unusable, this event is logged. There should not be any data integrity issues but it is possible that data from the server that was written to the cache was not successfully flushed to the drives. Therefore, that data is lost. The customer should run a consistency check to ensure the integrity of the data.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7506L Backup component status unknown**

Explanation

The status of the cache backup device is unknown because of a communication failure with the device.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE7600I Cache backup operation started**

Explanation

A process of backing up cache to the internal persistent cache device started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7601I Cache backup operation completed**

Explanation

A backup of the cache contents to the persistent backup device completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7602I Cache restore from persistent device was started**

Explanation

A restoration of cache from the persistent device started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7603I Cache restore operation from persistent device completed**

Explanation

A restoration of cache from persisted memory completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7700I Repository volume is created**

Explanation

A concat (Expandable Repository Volume) was successfully created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7701I The capacity of a repository was increased**

Explanation

The SYMbol expandConcatVolume procedure completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7702I The capacity of a repository was decreased**

Explanation

The trimConcatVolume SYMbol procedure completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7800M Snapshot image rollback paused**

Explanation

A PiT rollback operation was exceeded.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7801G Snapshot group repository over threshold**

Explanation

The amount of data in the PiT group repository exceeded the threshold value.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7802M Snapshot group repository full**

Explanation

The PiT group repository is full; the current allocation was consumed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7803M Snapshot group failed**

Explanation

A failure with a PiT group was detected.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7804G Snapshot volume repository over threshold**

Explanation

The amount of data in the view repository exceeded the threshold value.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7805M Snapshot volume repository full**

Explanation

The view repository is full; the current allocation was consumed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7806M Snapshot volume repository failed**

Explanation

A failure was detected with a view repository.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7807M Snapshot image purged**

Explanation

A PiT was purged.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7808I Snapshot group was created**

Explanation

A PiT (Point In Time) group was created to contain one or more PiTs.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7809I Snapshot group was deleted**

Explanation

A PiT group was deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE780AI The parameters for a snapshot group were set (changed)**

Explanation

Parameters for the PiT group were set.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE780BI A snapshot image was created for a volume**

Explanation

An individual PiT was created for a volume.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE780CI A snapshot image was deleted**

Explanation

An individual PiT was deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE780DI A consistency group snapshot image was created**

Explanation

A consistency group PiT was created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE780EI A consistency group snapshot image was deleted**

Explanation

A consistency group PiT was deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE780FI A snapshot volume was created**

Explanation

A PiT view was created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7810I A snapshot volume was deleted**

Explanation

A PiT view was deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7811I A snapshot volume was disabled (stopped)**

Explanation

A PiT view was stopped.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7812I The parameters for a snapshot volume have been changed**

Explanation

PiT view params have been set.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7813I Create consistency group**

Explanation

A PiT consistency group was created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7814I Delete consistency group**

Explanation

A PiT consistency group was deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7815I Add member to consistency group**

Explanation

A PiT consistency group member was added.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7816I Remove member from consistency group**

Explanation

A PiT consistency group member was removed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7817I The parameters of a consistency group were changed**

Explanation

PiT consistency group params were set.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7818I Snapshot image rollback started**

Explanation

A rollback to the base volume's state as contained in the PiT was started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7819I Consistency group snapshot image rollback started**

Explanation

Consistency group rollback was started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE781AI Snapshot image rollback resumed**

Explanation

A PiT rollback was resumed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE781BI Snapshot image rollback canceled**

Explanation

PiT rollback was canceled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE781CI Convert snapshot volume to read-write**

Explanation

The view was converted from read only to read-write.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE781DI Consistency group snapshot volume created**

Explanation

A PiT consistency group view was created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE781EI Consistency group snapshot volume deleted**

Explanation

A PiT consistency group view was deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE781FI Consistency group snapshot volume disabled (stopped)**

Explanation

A PiT consistency group view was stopped.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7820I Parameters on consistency group snapshot volume changed**

Explanation

Params for a PiT consistency group view were set.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7821I Snapshot volume recreated (re-started)**

Explanation

PiT view was restarted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7822I Consistency group snapshot volume recreated (re-started)**

Explanation

PiT consistency group view was restarted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7823I A scheduled creation of a snapshot image occurred**

Explanation

A PiT that was scheduled to be created was created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7824I A scheduled creation of a consistency group snapshot image occurred**

Explanation

A Consistency Group PiT that was scheduled to be created was created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7825F A scheduled creation of a snapshot image failed**

Explanation

The scheduled creation of a PiT failed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE7826F A scheduled creation of a consistency group snapshot image failed**

Explanation

The scheduled creation of a consistency group PiT failed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE7827G A pending creation of a consistency group snapshot image failed**

Explanation

The pending create of a consistency group PiT failed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7828G A pending creation of a snapshot image failed**

Explanation

The pending creation of a PiT failed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7829I The creation of a consistency group snapshot image is pending**

Explanation

The creation of a consistency group PiT is pending.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE782AI A creation of a snapshot image is pending**

Explanation

An individual PiT creation request is pending.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE782BI The pending creation of a snapshot image was canceled**

Explanation

The pending creation of a PiT was canceled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE782CI The pending creation of a consistency group snapshot image was canceled**

Explanation

The pending creation of a consistency group PiT waws canceled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE782DI A snapshot group was revived from the failed state**

Explanation

A PiT group was revived from the failed state.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE782EI A snapshot volume was revived from the failed state**

Explanation

A view was revived from the failed state.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE782FI A snapshot image rollback was completed**

Explanation

A PiT rollback was completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7830I Snapshot image rollback activated**

Explanation

A PiT rollback was activated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7900F Copy on write integrity fault**

Explanation

During a Copy On Write operation, the firmware detected that the integrity of the PiT group data was compromised.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE7A00F A high level volume utility write ahead log integrity fault**

Explanation

The firmware detected that the integrity of the Write Ahead Log for a High Level Volume was compromised.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE7B00G A thin volume repository capacity threshold was exceeded**

Explanation

A TPV Repository's used capacity exceeded the specified warning threshold.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7B01M A thin volume repository is full**

Explanation

A TPV Repository has no more capacity available to accept WRITE operations.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7B02M A thin volume repository failed**

Explanation

A TPV transitioned to a failed state.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7B03I A thin volume was created**

Explanation

A TPV was created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7B04I The virtual capacity of a thin volume was increased**

Explanation

A TPV expanded its virtual capacity.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7B05I A thin volume was initialized**

Explanation

TPV content was cleared.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7B06I The capacity threshold of a thin volume repository was changed**

Explanation

The TPV Capacity threshold was set.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7B07I The expansion policy of a thin volume was changed**

Explanation

TPV expansion policy was set.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7B08I The maximum expansion capacity of a thin volume repository was changed**

Explanation

The maximum capacity to which TPV Repository can grow was set.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7B09I A Defrag operation started on a Thin Provisioned Repository Volume**

Explanation

Defrag threshold was reached.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7B0AI A Defrag operation on a Thin Provisioned Repository Volume completed**

Explanation

A Defragment operation completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7B0BI Thin Provisioned Repository Volume capacity was reduced. The freed capacity was returned to the disk pool**

Explanation

A Thin Volume Defragment operation freed enough capacity to trim the repository.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7B0CI Thin Volume reporting policy changed to report as thin volume**

Explanation

Client issued a setThinVolumeReportingPolicy procedure.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7B0DI Thin Volume reporting policy changed to report as thick (fully provisioned) volume**

Explanation

Client issued a setThinVolumeReportingPolicy procedure.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C00G An asynchronous mirror group was marked degraded**

Explanation

An AMG's user specified recovery point age objective was exceeded, resulting in the group being degraded.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C01G An asynchronous mirror group synchronization interval threshold was exceeded**

Explanation

A AMG's user specified threshold for periodic synchronization to complete was exceeded.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C02M An asynchronous mirror group was suspended internally**

Explanation

A controller firmware internally suspended synchronization for an AMG as a result of an error condition that requires user intervention to resolve.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C03M The asynchronous mirror group has a role (primary or secondary) conflict**

Explanation

An AMG role conflict was detected by the controller firmware.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C04M A recovery point for an asynchronous mirror group was lost**

Explanation

An AMG's recovery point was lost.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C05G An asynchronous mirror group is orphaned (no corresponding mirror group on the other storage array)**

Explanation

A controller firmware detected that only one side of an AMG exists.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C06M Asynchronous mirror group member failed**

Explanation

A controller firmware detected an error condition that results in the mirror being failed. This results in an internally suspended mirror.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C07G Asynchronous mirror group member repository threshold was exceeded**

Explanation

A repository usage exceeded a user specified threshold.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C08G An asynchronous mirror group primary member repository is full**

Explanation

A primary repository's usage is at capacity and is therefore deleted so that synchronization can continue. A new point-in-time image is created at a later time in the synchronization process.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C09M An asynchronous mirror group secondary member repository is full**

Explanation

A secondary repository's usage is at capacity, resulting in an internally suspended synchronization so that the user can determine how to resolve the condition.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C0BG An asynchronous mirror group member is orphaned**

Explanation

A controller firmware detected that only one side of an AMG member exists without a Placeholder Volume in place.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C0CI Asynchronous mirror group was created**

Explanation

An AMG was created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C0DI Asynchronous mirror group creation failed**

Explanation

An AMG creation failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C0EI An asynchronous mirror group was deleted**

Explanation

An AMG was deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C0FI The deletion of an asynchronous mirror group failed**

Explanation

An AMG deletion failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C10I The parameters of an asynchronous mirror group was changed**

Explanation

An AMG parameters were changed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C11I The degraded status of an asynchronous mirror group was cleared**

Explanation

A degraded AMG needs-attention condition was cleared by the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C12I The synchronization interval threshold exceeded condition of an asynchronous mirror group was cleared**

Explanation

A sync interval threshold exceeded needs-attention condition was cleared by the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C13I Asynchronous mirror group role changed to primary**

Explanation

An AMG role was changed to primary.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C14I Asynchronous mirror group role changed to secondary**

Explanation

An AMG role was changed to secondary.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C15I Asynchronous mirror group role conflict resolved**

Explanation

An AMG role conflict condition was resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C16I The manual synchronization of an asynchronous mirror group was initiated**

Explanation

An AMG synchronization was initiated by user request.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C1BI An asynchronous mirror group was suspended by the user**

Explanation

An AMG synchronization was suspended by user request.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C1CI An asynchronous mirror group was resumed**

Explanation

An AMG synchronization was resumed.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE7C1DI An orphaned asynchronous mirror group was resolved**

Explanation
An orphaned AMG role conflict condition was resolved.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE7C1EI A primary member was added to an asynchronous mirror group**

Explanation
A primary member was added to an AMG. This results in a Placeholder Volume on the secondary.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE7C1FI A secondary member placeholder was added to an asynchronous mirror group**

Explanation
A secondary placeholder member was added to an AMG.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.

- **FQXDE7C20I A secondary member was added to an asynchronous mirror group**

Explanation
A secondary member was added to an AMG replacing the previously created Placeholder Volume.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C21I A member of an asynchronous mirror group was removed**

Explanation

A member was removed from an AMG.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C22I A member of an asynchronous mirror group was recovered**

Explanation

A failed mirror was recovered.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C23I Security on an asynchronous mirror group member was enabled**

Explanation

A security was enabled for the volume group of an AMG member volume. This might be either a base or repository volume.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C24I The member repository threshold exceeded condition of an asynchronous mirror group was cleared**

Explanation

A repository threshold exceeded needs-attention condition was cleared by the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C25I The primary member repository full condition of an asynchronous mirror group was cleared**

Explanation

A primary repository full needs-attention condition was cleared by the user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C26I The secondary member repository full condition of an asynchronous mirror group was resolved**

Explanation

A secondary repository full condition was resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C27I Ownership change occurred on member repository of asynchronous mirror group**

Explanation

An AMG member's repository controller ownership was changed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C28I An orphaned asynchronous mirror group member was resolved**

Explanation

An orphaned AMG member condition was resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C29I Read error occurred on primary asynchronous group member**

Explanation

A controller firmware detected a primary AMG member read error.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C2AI Establishing the synchronization data on all primary members of an asynchronous mirror group failed**

Explanation

A controller firmware detected a primary AMG member PiT creation failure.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C2BI Read error occurred on secondary asynchronous group member**

Explanation

A controller firmware detected a secondary AMG member read error.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C2CI Read error occurred on mirror delta log**

Explanation

A controller firmware detected a delta log read error.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C2DI Fibre channel port activated for asynchronous mirroring**

Explanation

A Fibre Channel port for ARVM was activated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C2EI Fibre channel port deactivated for asynchronous mirroring**

Explanation

A Fibre Channel port for ARVM was deactivated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C31I A controlled asynchronous mirror group role change request was canceled**

Explanation

A controlled AMG role change request was canceled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C32G The controller firmware detected that only a placeholder volume of an asynchronous mirror group member exists**

Explanation

The controller firmware detected that only the placeholder volume of an AMG member exists.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C33I An orphaned asynchronous mirror group incomplete member condition was resolved**

Explanation

An orphaned AMG incomplete member condition was resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C34M An asynchronous mirror group's synchronization has paused because the alternate state is preventing synchronization from proceeding**

Explanation

An AMG's synchronization was paused because the alternate state is preventing synchronization from proceeding.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C35I A mirror has stopped**

Explanation

A mirror was stopped.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C36I A role changed member was requested for an asynchronous mirror group**

Explanation

A role changed member was requested for an AMG.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7C37M Controller firmware detected a role change for an AMG was paused**

Explanation

The controller firmware detected that the role change for an AMG was paused.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7D00M SMART Command Transfer (SCT) commands unsupported**

Explanation

Logged by MEL event VDM.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7E00I Drive power toggled off**

Explanation

The drive power was toggled off.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7E01I Drive power toggled on**

Explanation

The drive power was toggled on.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7E02I Drive power cycle sequence started**

Explanation

The power cycle sequence was started. This occurs after the drive was identified as eligible for the recovery procedure and all of the criteria have been met. When an unresponsive drive was detected, either this event or the Drive Recovery Procedure Criteria Not Met event will be logged -- not both.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7E03I Drive power cycle sequence successfully completed**

Explanation

The drive power cycle sequence completed successfully. This occurs after the drive was powered back on and recognized by the controller firmware. Note that the reconstruction phase of the recovery will occur after the power cycle sequence and will log MEL events to report its progress.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7E04I Drive power cycle sequence aborted**

Explanation

The power cycle sequence was aborted. This can occur any time after the power cycle sequence is started but before it completed. This means that this event will not be logged unless the Drive Power Cycle Sequence Started event was logged and will not be logged if Drive Power Cycle Sequence Completed event was logged.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7E05I Drive recovery criteria not met**

Explanation

A misbehaving drive is eligible for the drive recovery procedure, but at least one of the criteria to invoke the drive recovery procedure is not met.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7E06I Received a request to power cycle a drive**

Explanation

A request to power cycle a PHYsical drive was received from a host application.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7F00I SNMP Community was added**

Explanation

An SNMP Community was added.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7F01I SNMP Community was removed**

Explanation

An SNMP Community was removed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7F02I SNMP Community parameters was changed**

Explanation

An SNMP Community parameters was changed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7F03I SNMP trap destination was added**

Explanation

An SNMP trap destination was added.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7F04I SNMP trap destination was removed**

Explanation

An SNMP trap destination was removed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7F05I SNMP trap destination parameters were changed**

Explanation

An SNMP trap destination parameters were changed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7F06I SNMP system variable was changed**

Explanation

An SNMP system variable was changed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE7F07I SNMP test alert**

Explanation

An SNMP system variable was changed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9000I The active trace buffer size exceeds the defined threshold**

Explanation

This event is logged when the active trace buffer size exceeded the defined threshold.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9001I IOC Data Captured**

Explanation

A IOC logs collection occurred. The IOC dump can be exception or user driven on support IOC chips. The data collection from the IOC is an opaque log intended to aid in the isolation/resolution of problems with IOC chips in the field.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9100I Auto Load Balancing enabled**

Explanation

Auto Load Balancing was enabled on the array.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9101I Auto Load Balancing disabled**

Explanation

Auto Load Balancing was disabled on the array.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9102M Loss of host-side connection redundancy detected**

Explanation

The controller detected that the specified host has lost connection to one of the two controllers.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9103M Host multipath driver configuration error detected**

Explanation

The behavior exhibited by the host multipath driver for the specified host does not match expectations of the supported drivers for the specified host type. This usually indicates a missing, out-of-date, or misconfigured multipath driver installed on the host or an incorrect host type specified for this host in the array configuration.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9104I Analysis of workload balance was performed**

Explanation

Analysis of workload balance was performed by auto load balance to determine if optimization is necessary.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9105I Workload was automatically balanced by transferring volumes**

Explanation

Auto load balance performed load optimization to evenly distribute the workload across the controllers.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9106I The workload balance was evaluated following load optimization**

Explanation

Auto load balance performed an analysis on the effects of a previous load optimization that distributed the workload across the controllers.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9107I Host Connectivity Reporting disabled**

Explanation

Host Connectivity Reporting was disabled on the array.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9108I Host Connectivity Reporting enabled**

Explanation

Host Connectivity Reporting was enabled on the array.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9200M Security Audit Log reached its maximum capacity and cannot record new security audit events until it is cleared**

Explanation

The Security Audit Log reached its maximum capacity, and the Audit Log Full Policy is set to 'Manually Clear'.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9201G Security Audit Log is nearing maximum capacity and should be cleared now to avoid losing events**

Explanation

The Security Audit Log size exceeded the warning threshold and the Audit Log Full Policy is set to 'Manually Clear'.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9202I Security Audit Log Full Policy was changed**

Explanation

An administrator changed the Security Audit Log Full Policy.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9203I Security Audit Log entries were manually cleared**

Explanation

The Security Audit Log was cleared by an administrator request.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9204M A Directory Services server is unreachable or misconfigured**

Explanation

The controller is unable to communicate with the configured Directory Services server.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9205I Directory Services Server configuration was changed**

Explanation

An administrator changed the Directory Services server configuration.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9206I The given IP address has attempted too many invalid logins and was locked out for a period of time**

Explanation

Maximum number of invalid login attempts was exceeded.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9207L The certificate was revoked**

Explanation

A certificate was revoked during the SSL handshake.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE9208L Unable to contact the OCSP responder server**

Explanation

Revocation checking is enabled, but the OCSP responder server URL is unreachable.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- **FQXDE9209I SAML Server configuration was changed**

Explanation

An administrator changed the SAML server configuration.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE920AI SAML Server is enabled**

Explanation

SAML Server is enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE920BI SAML Server is disabled**

Explanation

SAML Server is disabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE920CI SAML Server authentication was rejected**

Explanation

SAML Server authentication was rejected.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9300G An installed certificate used for KMIP server authentication is nearing expiration**

Explanation

An installed certificate that is used for authenticating with a KMIP server for Embedded External Key Management is nearing expiration. This event is logged only when the array's current key management scheme is external. If the certificate does expire, this can lead to a loss of data access.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9301M An installed certificate used for KMIP server authentication has expired**

Explanation

An installed certificate that is used for authenticating with a KMIP server for Embedded External Key Management has expired. This event should only be logged if the array's current key management scheme is external. An expired KMS certificate can lead to a loss of data access.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9302M A certificate error was returned by the KMIP server**

Explanation

The KMIP server for Embedded External Key Management returned an error indicating that a certificate is bad. This error condition can lead to loss of data access.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9303M Authentication to the KMIP server failed**

Explanation

The KMIP server for Embedded External Key Management failed. This failure condition can lead to loss of data access.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9304M A failure occurred on the connection to a KMIP server**

Explanation

The connection to a KMIP server that is used for Embedded External Key Management failed. This failure condition can lead to loss of data access.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9305M A general error was returned when communicating with the KMIP server**

Explanation

A general KMIP server error was returned when communicating with the server for Embedded External Key Management. This error condition can lead to loss of data access.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9306G An attempt to create a security key failed as the storage array's client certificate does not match any of the existing owners on the KMIP server**

Explanation

Key creation failed because the storage array client certificate does not match any of the existing owners on the server for Embedded External Key Management.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9400I NVMe controller destroyed due to keep alive timeout**

Explanation

An NVM controller was destroyed due to a keep alive timeout condition. Check connections and status of the host.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9401I NVM Connection failed due to lack of available resources**

Explanation

An NVM Connection command to create an Admin queue pair and NVM controller failed due to lack of available resources. There are too many connections to the controller.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9600M Impending Drive Failure (High Data Availability Risk)**

Explanation

Impending Drive Failure (High Data Availability Risk)

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9601M Impending Drive Failure (Medium Data Availability Risk)**

Explanation

Impending Drive Failure (Medium Data Availability Risk)

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9602M Impending Drive Failure (Unassigned or Standby Hot Spare)**

Explanation

Impending Drive Failure (Unassigned or Standby Hot Spare)

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9603M Incompatible PI-Type Drive**

Explanation

Incompatible PI-Type Drive

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9604M Degraded Drive Channel**

Explanation

Degraded Drive Channel

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9605M Controller Reboots Detected**

Explanation

Controller Reboots Detected

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9606M ESM Canister Miswire**

Explanation

ESM Canister Miswire

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9607M Degraded Drive Path**

Explanation

Degraded Drive Path

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9608M Drive Channel Data Rate Detection Mismatch**

Explanation

Drive Channel Data Rate Detection Mismatch

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9609M**

Explanation

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9610M Fibre Channel Trunking - Incompatible ESM**

Explanation

Fibre Channel Trunking - Incompatible ESM

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9611M Fibre Channel Trunking Miswire**

Explanation

Fibre Channel Trunking Miswire

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9612M SAS Device Miswire**

Explanation

SAS Device Miswire

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9614M SAS Loop Miswire**

Explanation

SAS Loop Miswire

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9616M SAS Host Miswire**

Explanation

SAS Host Miswire

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9618M SAS Device Miswire**

Explanation

SAS Device Miswire

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9619M Failed or Degraded SAS Port**

Explanation

Failed or Degraded SAS Port

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9620M Failed or Degraded SAS Port**

Explanation

Failed or Degraded SAS Port

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9624M Tray - Loss of External Redundancy**

Explanation

Tray - Loss of External Redundancy

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9625M Failed Host I/O Card**

Explanation

Failed Host I/O Card

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9626M Host Switch Card Problem**

Explanation

Host Switch Card Problem

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9627M Missing Drives Lockdown**

Explanation

Missing Drives Lockdown

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9628M A controller detected that the combination of host interface cards are out of compliance with limitations of the controller or the firmware.**

Explanation

A controller detected that the combination of host interface cards are out of compliance with limitations of the controller or the firmware.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9629M Failed Drive**

Explanation

Failed Drive

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9630M Redundancy Group Not Consistent**

Explanation

Redundancy Group Not Consistent

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9631F Volumes Degraded in Volume Group or Pool - Noncritical Drive Error**

Explanation

Volumes Degraded in Volume Group or Pool - Noncritical Drive Error

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9633M Cache Memory Mismatch**

Explanation

Cache Memory Mismatch

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9634M Battery Failed**

Explanation

Battery Failed

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9635M Cache Data Loss**

Explanation

Cache Data Loss

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9636M Battery Nearing Expiration**

Explanation

Battery Nearing Expiration

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9637M Battery Settings Mismatch**

Explanation

Battery Settings Mismatch

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9638M Unsupported Cache Memory Size**

Explanation

Unsupported Cache Memory Size

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9639M Insufficient Cache Backup Device Capacity**

Explanation

Insufficient Cache Backup Device Capacity

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9640M Insufficient processor memory for cache**

Explanation

The controller does not have sufficient processor memory to support the configured cache.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9641M Dedicated Mirror Channel Failed**

Explanation

Dedicated Mirror Channel Failed

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9642M Write-Back Caching Disabled**

Explanation

Write-Back Caching Disabled

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9644M Controller Degraded to Preserve Offline Volume Data**

Explanation

Controller Degraded to Preserve Offline Volume Data

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9645I Unrecoverable Interrupted Write**

Explanation

Unrecoverable Interrupted Write

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9646M Incompatible Drive Due to Unsupported Sector Size**

Explanation

Incompatible Drive Due to Unsupported Sector Size

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9648M Failed Volume**

Explanation

Failed Volume

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9649M Uncertified Drive**

Explanation

Uncertified Drive

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9650M Replaced Drive - Wrong Type**

Explanation

Replaced Drive - Wrong Type

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9651M Volume Modification Operation Failed**

Explanation

Volume Modification Operation Failed

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9652M Configuration Database Adoption Failed - RAID Level Not Supported**

Explanation

Configuration Database Adoption Failed - RAID Level Not Supported

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9653M Configuration Database Adoption Failed - One or More Limit(s) Exceeded**

Explanation

Configuration Database Adoption Failed - One or More Limit(s) Exceeded

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9654M Incompatible Drive Due to Older Configuration Database**

Explanation

Incompatible Drive Due to Older Configuration Database

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9656M Incompatible Drive Due to Newer Configuration Database**

Explanation

Incompatible Drive Due to Newer Configuration Database

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9657M Foreign Drive Has Inconsistent Configuration**

Explanation

Foreign Drive Has Inconsistent Configuration

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9658M Foreign Drive Refers to Native Drive**

Explanation

Foreign Drive Refers to Native Drive

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9659M Replaced Drive - Wrong Type**

Explanation

Replaced Drive - Wrong Type

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9660M Failed Legacy Drive**

Explanation

Failed Legacy Drive

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9661M Configuration Database Adoption Failed - Multiple Configuration Databases Detected**

Explanation

Configuration Database Adoption Failed - Multiple Configuration Databases Detected

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9662M Native Volume Group And Foreign Drive Refer to Each Other**

Explanation

Native Volume Group And Foreign Drive Refer to Each Other

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9664M Volume Group Clones**

Explanation
Volume Group Clones

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9665M Multiple Volume Groups Refer to Foreign Drive**

Explanation
Multiple Volume Groups Refer to Foreign Drive

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9666M Multiple Volume Groups Refer to Foreign Drive (Scenario 2)**

Explanation
Multiple Volume Groups Refer to Foreign Drive (Scenario 2)

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9667M Unsupported SATA Protocol Connection**

Explanation

Unsupported SATA Protocol Connection

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9669M Security Key Needed**

Explanation

Security Key Needed

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9671M Missing Hot Spare Drive**

Explanation

Missing Hot Spare Drive

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9672M Solid State Disk - End of Life**

Explanation

Solid State Disk - End of Life

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9673M Unsupported Drive Capacity**

Explanation

Unsupported Drive Capacity

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9674M Volume - Hot Spare in Use**

Explanation

Volume - Hot Spare in Use

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9675M Missing Volume Group or Disk Pool**

Explanation

Missing Volume Group or Disk Pool

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9676M Incomplete Volume Group or Disk Pool**

Explanation

Incomplete Volume Group or Disk Pool

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9677M Incompatible Interposer Firmware**

Explanation

Incompatible Interposer Firmware

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9678M Incompatible Drive Alignment**

Explanation

Incompatible Drive Alignment

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9679M Impending Drive Failure (Waiting for Hot Spare)**

Explanation

Impending Drive Failure (Waiting for Hot Spare)

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9682M Unable to Resolve NTP Server's IP Address**

Explanation

Unable to Resolve NTP Server's IP Address

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9683M NTP Query Failed**

Explanation

NTP Query Failed

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9684M Unable to Contact NTP Servers**

Explanation

Unable to Contact NTP Servers

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9685M Invalid Power Supply**

Explanation

Invalid Power Supply

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9686M Mismatched Midplane EEPROMs**

Explanation

Mismatched Midplane EEPROMs

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9687M Failed I2C Bus**

Explanation

Failed I2C Bus

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9688M Corrupt VPD EEPROM**

Explanation

Corrupt VPD EEPROM

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9689M Controller Removed**

Explanation

Controller Removed

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9690M Drive Security Key Mismatch**

Explanation

Drive Security Key Mismatch

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9691M Mismatching Security Key IDs**

Explanation

Mismatching Security Key IDs

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9692M Lost AC Power**

Explanation

Lost AC Power

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9693M Removed Power-Fan Canister**

Explanation

Removed Power-Fan Canister

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9694M Failed Interconnect-Battery Canister**

Explanation

Failed Interconnect-Battery Canister

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9695M Power Supply - No Power Input**

Explanation

Power Supply - No Power Input

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9696M Storage Array Component - Loss of Communication**

Explanation

Storage Array Component - Loss of Communication

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9697M Removed ESM Canister**

Explanation

Removed ESM Canister

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9699M Tray ID Conflict**

Explanation

Tray ID Conflict

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9700M Nominal Temperature Exceeded**

Explanation

Nominal Temperature Exceeded

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9701M Maximum Temperature Exceeded**

Explanation

Maximum Temperature Exceeded

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9702M Removed Power-Fan Canister**

Explanation

Removed Power-Fan Canister

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9703M ESM Firmware Mismatch**

Explanation

ESM Firmware Mismatch

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9704M Bypassed Drive**

Explanation

Bypassed Drive

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9705M Drive Tray - Loss of Path Redundancy**

Explanation

Drive Tray - Loss of Path Redundancy

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9706M Bypassed Drive**

Explanation

Bypassed Drive

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9707M Drive - Loss of Path Redundancy**

Explanation

Drive - Loss of Path Redundancy

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9708M ESM Hardware Type Mismatch**

Explanation

ESM Hardware Type Mismatch

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9709M Mixed Drive Types - Out of Compliance**

Explanation

Mixed Drive Types - Out of Compliance

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9710M Uncertified ESM Canister**

Explanation

Uncertified ESM Canister

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9711M Uncertified Drive**

Explanation

Uncertified Drive

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9712M Controller Mismatch**

Explanation

Controller Mismatch

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9713M Drive Trays Not Cabled Correctly**

Explanation

Drive Trays Not Cabled Correctly

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9714M Discrete Lines Diagnostic Failure**

Explanation

Discrete Lines Diagnostic Failure

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9715I Storage Array Component - Loss of Communication**

Explanation

Storage Array Component - Loss of Communication

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9716M Removed Interconnect-Battery Canister**

Explanation

Removed Interconnect-Battery Canister

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9717M Failed Power Supply**

Explanation

Failed Power Supply

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9718M Controller Mismatch**

Explanation

Controller Mismatch

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9720M Redundant Power Supplies Required**

Explanation

Redundant Power Supplies Required

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9721M Misconfigured Tray**

Explanation

Misconfigured Tray

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9722M ESM Configuration Settings Version Mismatch**

Explanation

ESM Configuration Settings Version Mismatch

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9724M Controller Model or Submodel Identifier Cannot Be Determined**

Explanation

Controller Model or Submodel Identifier Cannot Be Determined

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9725M Failed Drawer**

Explanation

Failed Drawer

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9726M Missing or Open Drawer**

Explanation

Missing or Open Drawer

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9727M Thermal Shutdown**

Explanation

Thermal Shutdown

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9728M Degraded Drawer**

Explanation

Degraded Drawer

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9729M Invalid Drawer Type**

Explanation

Invalid Drawer Type

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9730M Drawer Removed**

Explanation

Drawer Removed

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9731M Failed GBIC/SFP**

Explanation

Failed GBIC/SFP

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9734M Non-Optimal SSD Cache**

Explanation

Non-Optimal SSD Cache

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9735M Preservation Capacity Below Threshold**

Explanation

Preservation Capacity Below Threshold

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9736M Disk Pool Capacity - Warning Threshold Exceeded**

Explanation

Disk Pool Capacity - Warning Threshold Exceeded

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9737M Disk Pool Capacity - Critical Threshold Exceeded**

Explanation

Disk Pool Capacity - Critical Threshold Exceeded

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9738M Disk Pool Capacity - Full**

Explanation

Disk Pool Capacity - Full

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9739M Insufficient Disk Pool Memory**

Explanation

Insufficient Disk Pool Memory

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9740I Degraded Volume**

Explanation

Degraded Volume

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXDE9742M Too Many Security Key Validation Attempts**

Explanation

Too Many Security Key Validation Attempts

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9743M Offline Controller**

Explanation

Offline Controller

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9744M Controller Diagnostics Failed**

Explanation

Controller Diagnostics Failed

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9746M Unknown Component Failure**

Explanation

Unknown Component Failure

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9747M Unknown Shared Component Failure**

Explanation

Unknown Shared Component Failure

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9748M Invalid Host Type**

Explanation

Invalid Host Type

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9750M Inactive host port registered**

Explanation

A Host Context Agent (HCA) attempted to register a host port associated with a host that already has storage partition mappings. The host port was consequently marked inactive and can be activated through the storage management software or CLI.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9751M Inactive Host Port Identifier**

Explanation

Inactive Host Port Identifier

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9752M External Key Management System - Out of Compliance**

Explanation

External Key Management System - Out of Compliance

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9753M Snapshot Premium Feature - Out Of Compliance**

Explanation

Snapshot Premium Feature - Out Of Compliance

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9754M Gold Key - mismatched settings**

Explanation

Each controller of the pair has a different setting for the NVSRAM bit that controls whether or not the controller is subject to Gold Key restrictions. When this condition was detected, both controllers are treated as though they are subject to the restrictions.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9755M Mixed drive types - mismatched settings**

Explanation

Each controller of the pair has a different setting for the NVSRAM bit that controls whether or not Mixed Drive Types is a premium feature. When this condition was detected, both controllers are treated as though MDT is a premium feature.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9756M Premium Feature Trial Nearing Non-Compliant State**

Explanation

Premium Feature Trial Nearing Non-Compliant State

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9757M Offline Controller**

Explanation

Offline Controller

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9758M Storage Array in Recovery Mode**

Explanation

Storage Array in Recovery Mode

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9759M Dual Primary Volume Conflict**

Explanation

Dual Primary Volume Conflict

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9760M Dual Secondary Volume Conflict**

Explanation

Dual Secondary Volume Conflict

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9761M Mirror Data Unsynchronized**

Explanation

Mirror Data Unsynchronized

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9762M Mirror relationship has inconsistent write mode**

Explanation

The mirror relationship has inconsistent write mode.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9763M Mirror Communication Error - Unable to Contact Storage Array**

Explanation

Mirror Communication Error - Unable to Contact Storage Array

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9764M Unable to Update Remote Mirror**

Explanation

Unable to Update Remote Mirror

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9765M Failed Copy Operation**

Explanation

Failed Copy Operation

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9766M Unreadable Sectors Detected**

Explanation

Unreadable Sectors Detected

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9767M Unreadable Sectors Log Full**

Explanation

Unreadable Sectors Log Full

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9768M Controller Diagnostic Data Collected**

Explanation

Controller Diagnostic Data Collected

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9769M Premium Feature - Out of Compliance**

Explanation

Premium Feature - Out of Compliance

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9770M Battery Temperature - Critical Limit Exceeded**

Explanation

Battery Temperature - Critical Limit Exceeded

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9771M Battery Replacement Required**

Explanation

Battery Replacement Required

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9772M Battery Removed**

Explanation

Battery Removed

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9773M Battery Expired**

Explanation

Battery Expired

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9774M Cache Backup Device Failed**

Explanation

Cache Backup Device Failed

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9775M Cache Backup Device in Write-Protect Mode**

Explanation

Cache Backup Device in Write-Protect Mode

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9776M Snapshot Image Rollback Paused**

Explanation

Snapshot Image Rollback Paused

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9777G Repository - Threshold Exceeded**

Explanation

Repository - Threshold Exceeded

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9778M Repository - Full**

Explanation

Repository - Full

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9779M Snapshot Group or CG Member Volume Failed**

Explanation

Snapshot Group or CG Member Volume Failed

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9780G Snapshot Volume Repository - Threshold Exceeded**

Explanation

Snapshot Volume Repository - Threshold Exceeded

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9781M Snapshot Volume Repository - Full**

Explanation

Snapshot Volume Repository - Full

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9782M Snapshot Volume Failed**

Explanation

Snapshot Volume Failed

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9783M Snapshot Image Purged**

Explanation

Snapshot Image Purged

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9784G Consistency Group Snapshot Image Creation Failed**

Explanation

Consistency Group Snapshot Image Creation Failed

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9785G Snapshot Image Creation Failed**

Explanation

Snapshot Image Creation Failed

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9786G Thin Volume Repository - Threshold Exceeded**

Explanation

Thin Volume Repository - Threshold Exceeded

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9787M Thin Volume Repository - Full**

Explanation

Thin Volume Repository - Full

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9788M Thin Volume Failed**

Explanation

Thin Volume Failed

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9789G Degraded Mirror Group**

Explanation

Degraded Mirror Group

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9790G Mirror Group Synchronization - Threshold Exceeded**

Explanation

Mirror Group Synchronization - Threshold Exceeded

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9791M Synchronization Suspended**

Explanation

Synchronization Suspended

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9792M Mirror Group Role Conflict**

Explanation

Mirror Group Role Conflict

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9793M Synchronization Recovery Point Lost**

Explanation

Synchronization Recovery Point Lost

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9794G Orphaned Mirror Group**

Explanation

Orphaned Mirror Group

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9795M Failed Mirror**

Explanation

Failed Mirror

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9796G Mirrored Volume Repository - Threshold Exceeded**

Explanation

Mirrored Volume Repository - Threshold Exceeded

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9797G Mirrored Primary Volume Repository - Full**

Explanation

Mirrored Primary Volume Repository - Full

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9798M Mirrored Secondary Volume Repository - Full**

Explanation

Mirrored Secondary Volume Repository - Full

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9799G Orphaned Mirrored Volume**

Explanation

Orphaned Mirrored Volume

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9800G Orphaned Mirrored Volume**

Explanation

Orphaned Mirrored Volume

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9801M Synchronization Paused**

Explanation

Synchronization Paused

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9802M Mirror Communication Error - Unable to Contact Storage Array**

Explanation

Mirror Communication Error - Unable to Contact Storage Array

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9803M Incompatible SATA Drive**

Explanation

Incompatible SATA Drive

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9804M Host Redundancy Lost**

Explanation

Host Redundancy Lost

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9805M Host Multipath Driver Incorrect**

Explanation

Host Multipath Driver Incorrect

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9806M Audit Log Full**

Explanation

Audit Log Full

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9807G Audit Log - Early Threshold Exceeded**

Explanation

Audit Log - Early Threshold Exceeded

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9808M Directory Services Server Connection Failed**

Explanation

Directory Services Server Connection Failed

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9809G Key Management Certificate Nearing Expiration**

Explanation

Key Management Certificate Nearing Expiration

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9810M Key Management Certificate Expired**

Explanation

Key Management Certificate Expired

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9811M Key Management Client Certificate Invalid**

Explanation

Key Management Client Certificate Invalid

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9812M Key Management Server Certificate Invalid**

Explanation

Key Management Server Certificate Invalid

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9813M Key Management Server Connection Failed**

Explanation

Key Management Server Connection Failed

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9814M Key Management Server Error**

Explanation

Key Management Server Error

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9815G Drive Security Key Creation Failed**

Explanation

Drive Security Key Creation Failed

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9816G A controller was placed in Service mode**

Explanation

A controller was placed in Service mode

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXST0001W The disk group is online but cannot tolerate another disk failure.**

Explanation

The specified disk group is operating in a degraded state due to a disk failure. If the specified disk group is a RAID 6 disk group, two disks have failed. If a dedicated spare or global spare of the proper type and size is present, that spare is used to automatically reconstruct the disk group, and events 9 and 37 are logged. For linear disk groups, if no usable spare disk is present, but an available disk of the proper type and size is present and the dynamic spares feature is enabled, that disk is used to automatically reconstruct the disk group, and event 37 is logged.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

Yes

User Action

Check to see if events 9 and 37 are logged.

- If so, reconstruction automatically started.

1. Replace the failed disk and configure the replacement as a dedicated (linear only) or global spare for future use. For continued optimum I/O performance, the replacement disk should have the same or better performance.
 2. Confirm that all failed disks have been replaced and that there are sufficient spare disks configured for future use.
- If event 37 was not logged, a spare of the proper type and size was not available for reconstruction. Replace the failed disk with one of the same type and the same or greater capacity and, if necessary, designate it as a spare.

- **FQXST0003M The specified disk group went offline.**

Explanation

One disk failed for RAID 0 or NRAID, three disks failed for RAID 6, or two disks failed for other RAID levels, and the disk group cannot be reconstructed. This is not a normal status for a disk group unless you have manually removed a disk from quarantine. When a disk failure occurs in a virtual disk groups in the Performance tier, the data in the disk group that uses that disk will be automatically migrated to another available disk group if space is available, so no user data is lost. Data will be lost: If multiple disk failures occur in rapid succession so there is not enough time to migrate the data if there is insufficient space to fit the data in another tier if failed disks are not replaced promptly by the user.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

1. You might be able to use the CLI trust command to recover some of the data in the disk group. Contact Support for help to determine if the trust operation applies to your situation and for assistance in using the command. You can also view the help for the trust command.
2. If you choose to not use the trust command, perform these steps:
 - a. Replace the failed disk or disks. (Look for event 8 in the event log to determine which disks failed and for advice on replacing them.)
 - b. Delete the disk group (use the remove disk-groups CLI command).
 - c. Re-create the disk group (use the add disk-group CLI command).
3. To prevent this problem in the future, use a fault-tolerant RAID level, configure one or more disks as spare disks, and replace failed disks promptly.

- **FQXST0004I The specified disk had a bad block, which was corrected.**

Explanation

The specified disk had a bad block, which was corrected.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0006I Disk group creation failed immediately.**

Explanation

The user was given immediate feedback that disk group creation failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0006W A failure occurred during the initialization of the specified disk group.**

Explanation

This event was probably caused by the failure of a disk drive. The initialization might have completed, but the disk group probably has a status of FTDN (fault tolerant with a down disk), CRIT (critical), or OFFL (offline), depending on the RAID level and the number of disks that failed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Look for another event logged at approximately the same time that indicates a disk failure, such as event 55, 58, or 412. Follow the recommended actions for that event.

- **FQXST0007M In a testing environment, a controller diagnostic failed and reported a product-specific diagnostic code.**

Explanation

In a testing environment, a controller diagnostic failed and reported a product-specific diagnostic code.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform failure analysis.

- **FQXST0008W A disk group is down, a disk group failed, or a disk group reported that it has no life remaining.**

Explanation

One of the following conditions has occurred: A disk that was part of a disk group is down. The specified disk in the specified disk group failed and the disk group probably has a status of FTDN (fault tolerant with a down disk), CRIT (critical), or OFFL (offline), depending on the RAID level and the number of disks that failed. If a spare is present and the disk group is not offline, the controller automatically uses the spare to reconstruct the disk group. Subsequent events indicate the changes that happen to the disk group. When the problem is resolved, event 9 is logged. Reconstruction of a

disk group failed. The specified disk was being used as the target disk for reconstructing the specified disk group. While the disk group was being reconstructed, another disk in the disk group failed and the status of the disk group went to OFFL (offline). The specified disk has a status of LEFTOVR (leftover). An SSD that was part of a disk group has reported that it has no life remaining. The specified disk in the specified disk group failed and the disk group probably has a status of FTDN (fault tolerant with a down disk), CRIT (critical), or OFFL (offline), depending on the RAID level and the number of disks that failed. If a spare is present and the disk group is not offline, the controller automatically uses the spare to reconstruct the disk group. Subsequent events indicate the changes that happen to the disk group. When the problem is resolved, event 9 is logged.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

No

User Action

- If a disk that was part of a disk group is down:
 1. If the specified disk failed for one of these reasons: excessive media errors, imminent disk failure, possible hardware failure, disk is not supported, too many controller-recoverable errors, illegal request, or due to being degraded, replace the disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing.
 2. If the specified disk failed because a user forced the disk out of the disk group, RAID-6 initialization failed, or for an unknown reason:
 - a. If the associated disk group is offline or quarantined, contact Support.
 - b. Otherwise, clear the metadata for the disk to reuse the disk.
 3. If the specified disk failed because a previously detected disk is no longer present:
 - a. Reinsert the disk or insert a replacement disk of the same type (SAS SSD, enterprise SAS, or dline SAS) and the same or greater capacity as the one that was in the slot. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing.
 - b. If the disk then has a status of leftover (LEFTOVR), clear the metadata to reuse the disk.
 - c. If the associated disk group is offline or quarantined, contact Support.
- If reconstruction of a disk group failed:
 1. If the associated disk group is online, clear the specified disk's metadata so that the disk can be re-used.
 2. If the associated disk group is offline, the CLI trust command may be able to recover some or all of the data in the disk group. However, trusting a partially reconstructed disk may lead to data corruption. See the CLI help for the trust command. Contact technical support for help to determine if the trust operation applies to your situation and for help to perform it.
 3. If the associated disk group is offline and you do not want to use the trust command, perform these steps:
 - a. Delete the disk group (remove disk-groups CLI command).
 - b. Clear the specified disk's metadata so the disk can be re-used (clear disk-metadata CLI command).

- c. Replace the failed disk or disks. (Look for other instances of event 8 in the event log to determine which disks failed.)
 - d. Re-create the disk group (add disk-group CLI command).
- If an SSD that was part of a disk group has reported that it has no life remaining, replace the disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing.
- **FQXST0009I The specified spare disk has been used in the specified disk group to bring it back to a fault-tolerant status.**

Explanation

Disk group reconstruction starts automatically. This event indicates that a problem reported by event 8 is resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0016I The specified disk has been designated as a global spare.**

Explanation

The specified disk has been designated as a global spare.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0018I Disk group reconstruction completed.**

Explanation

Disk group reconstruction completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0019I A rescan has completed.**

Explanation

A rescan has completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0020I Storage Controller firmware has been updated.**

Explanation

Storage Controller firmware has been updated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0021I Disk group verification succeeded, failed immediately, or was halted by a user.**

Explanation

Disk group verification succeeded, failed immediately, or was halted by a user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0021M Disk group verification completed. Errors were found but not corrected.**

Explanation

Disk group verification completed. Errors were found but not corrected.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform a disk group scrub to find and correct the errors.

- **FQXST0021W Disk group verification did not complete due to an internally detected condition, such as a failed disk. If a disk fails, data might be at risk.**

Explanation

Disk group verification did not complete due to an internally detected condition, such as a failed disk. If a disk fails, data might be at risk.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Resolve any non-disk hardware problems, such as a cooling problem or a faulty controller module, expansion module, or power supply.
2. Check whether any disks in the disk group have logged SMART events or unrecoverable read errors.
 - If so, and the disk group is a non-fault-tolerant RAID level (RAID 0 or non-RAID), copy the data to a different disk group and replace the faulty disks.
 - If so, and the disk group is a fault-tolerant RAID level, check the current state of the disk group. If it is not FTOL, back up the data because data might be at risk. If it is FTOL, replace the specified disk. If more than one disk in the same disk group has logged a SMART event, back up the data and replace each disk one at a time. In virtual storage it may be possible to remove the affected disk group, which will drain its data to another disk group, and then add the disk group back again.

• **FQXST0023I Disk group creation started.**

Explanation

Disk group creation started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

• **FQXST0025I Disk group statistics were reset.**

Explanation

Disk group statistics were reset.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

• **FQXST0028I Controller parameters were changed.**

Explanation

This event is logged when changes are made to the general configuration, such as utility priority, remote notification settings, user interface passwords, and network port IP values. This event is not logged when changes are made to disk group or volume configuration.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0031I The specified disk is no longer a global or dedicated spare.**

Explanation

The specified disk is no longer a global or dedicated spare.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0032I Disk group verification started.**

Explanation

Disk group verification started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0033I Controller time and date were changed.**

Explanation

This event is logged before the change happens, so the timestamp of the event shows the old time.

This event might occur often if NTP is enabled

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0034I The controller configuration has been restored to factory defaults.**

Explanation

The controller configuration has been restored to factory defaults.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0037I Disk group reconstruction started. When complete, event 18 is logged.**

Explanation

Disk group reconstruction started. When complete, event 18 is logged.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0039W The sensors monitored a temperature or voltage in the warning range. When the problem is resolved, event 47 is logged for the component that logged event 39.**

Explanation

If the event refers to a disk sensor, disk behavior may be unpredictable in this temperature range. Check the event log to determine if more than one disk has reported this event. If multiple disks report this condition there could be a problem in the environment. If one disk reports this condition, there could be a problem in the environment or the disk has failed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Check that the storage system's fans are running.
2. Check that the ambient temperature is not too warm. The enclosure operating range is 5-40 °C (41°F-104°F).
3. Check for any obstructions to the airflow.
4. Check that there is a module or blank plate in every module slot in the enclosure.
5. If none of the above explanations apply, replace the disk or controller module that logged the error.

- **FQXST0040M The sensors monitored a temperature or voltage in the failure range. When the problem is resolved, event 47 is logged for the component that logged event 40.**

Explanation

The sensors monitored a temperature or voltage in the failure range. When the problem is resolved, event 47 is logged for the component that logged event 40.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Check that the storage system's fans are running.
2. Check that the ambient temperature is not too warm. The enclosure operating range is 5-40 °C (41°F-104°F).
3. Check for any obstructions to the air flow.
4. Check that there is a module or blank filler in every module bay in the enclosure.
5. If none of the above explanations apply, replace the disk or controller module that logged the error.

- **FQXST0041I The specified disk was designated a spare for the specified disk group.**

Explanation

The specified disk was designated a spare for the specified disk group.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0043I The specified disk group was deleted.**

Explanation

The specified disk group was deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0044W The controller contains cache data for the specified volume but the corresponding disk group is not online.**

Explanation

The controller contains cache data for the specified volume but the corresponding disk group is not online.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

No

User Action

1. Determine the reason that the disks comprising the disk group are not online.
 2. If an enclosure is down, determine corrective action.
 3. If the disk group is no longer needed, you can clear the orphan data. This will result in lost data.
 4. If the disk group is missing and was not intentionally removed, see Resources for diagnosing and resolving problems on page 6.
- **FQXST0047I An error detected by the sensors has been cleared. This event indicates that a problem reported by event 39 or 40 is resolved.**

Explanation

An error detected by the sensors has been cleared. This event indicates that a problem reported by event 39 or 40 is resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0048I The specified disk group was renamed.**

Explanation

The specified disk group was renamed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0049I A lengthy SCSI maintenance command has completed. (This typically occurs during a disk firmware update.)**

Explanation

A lengthy SCSI maintenance command has completed. (This typically occurs during a disk firmware update.)

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0050M A correctable ECC error occurred in cache memory more than 10 times during a 24-hour period, indicating a probable hardware fault.**

Explanation

A correctable ECC error occurred in cache memory more than 10 times during a 24-hour period, indicating a probable hardware fault.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Replace the controller module that logged this event.

- **FQXST0050W A correctable ECC error occurred in cache memory.**

Explanation

This event is logged with a severity of Warning to provide information that may be useful to technical support, but no action is required at this time. It will be logged with a severity of Error if it is necessary to replace the controller module.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXST0051M An uncorrectable ECC error occurred in cache memory more than once during a 48-hour period, indicating a probable hardware fault.**

Explanation

An uncorrectable ECC error occurred in cache memory more than once during a 48-hour period, indicating a probable hardware fault.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Replace the controller module that logged this event.

- **FQXST0051W An uncorrectable ECC error occurred in cache memory.**

Explanation

This event is logged with a severity of Warning to provide information that may be useful to technical support, but no action is required at this time. It will be logged with a severity of Error if it is necessary to replace the controller module.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

Yes

User Action

No action is required.

- **FQXST0052I Disk group expansion started.**

Explanation

This operation can take days, or weeks in some cases, to complete. Allow adequate time for the expansion to complete. When complete, event 53 is logged.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0053I Disk group expansion completed, failed immediately, or was halted by a user.**

Explanation

Disk group expansion completed, failed immediately, or was halted by a user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0053W Too many errors occurred during disk group expansion to allow the expansion to continue.**

Explanation

Too many errors occurred during disk group expansion to allow the expansion to continue.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

If the expansion failed because of a disk problem, replace the disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing. If disk group reconstruction starts, wait for it to complete and then retry the expansion.

- **FQXST0055W The specified disk reported a SMART event.**

Explanation

A SMART event indicates impending disk failure.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

No

User Action

1. Resolve any non-disk hardware problems, especially a cooling problem or a faulty power supply.
2. If the disk is in a disk group that uses a non-fault-tolerant RAID level (RAID 0 or non-RAID), copy the data to a different disk group and replace the faulty disk.
3. If the disk is in a disk group that uses a fault-tolerant RAID level, check the current state of the disk group. If it is not FTOL, back up the data because data might be at risk. If it is FTOL, replace the specified disk. If more than one disk in the same disk group has logged a SMART event, back up the data and replace each disk one at a time. In virtual storage it may be possible to remove the affected disk group, which will drain its data to another disk group, and then re-add the disk group.

- **FQXST0056I A controller powered up or restarted.**

Explanation

A controller powered up or restarted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0058I A disk drive reported an event.**

Explanation

A disk drive reported an event.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0058M A disk drive detected a serious error, such as a parity error or disk hardware failure.**

Explanation

A disk drive detected a serious error, such as a parity error or disk hardware failure.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Replace the failed disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing.

- **FQXST0058W A disk drive reset itself due to an internal logic error.**

Explanation

A disk drive reset itself due to an internal logic error.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

1. The first time this event is logged with a severity of Warning, update the disk firmware if the specified disk is not running the latest firmware.
2. If this event is logged with severity of Warning for the same disk more than five times in one week, and the specified disk is running the latest firmware, replace the disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing.

- **FQXST0059I The controller detected a non-parity error while communicating with the specified SCSI device. The error was detected by the controller, not the disk.**

Explanation

The controller detected a non-parity error while communicating with the specified SCSI device. The error was detected by the controller, not the disk.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0059W The controller detected a parity event while communicating with the specified SCSI device. The event was detected by the controller, not the disk.**

Explanation

The controller detected a parity event while communicating with the specified SCSI device. The event was detected by the controller, not the disk.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

If the event indicates that a disk or an expansion module is bad, replace the specified device.

- **FQXST0061M The controller reset a disk channel to recover from a communication error. This event is logged to identify an error trend over time.**

Explanation

The controller reset a disk channel to recover from a communication error. This event is logged to identify an error trend over time.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

1. If the controller recovers, no action is required.
2. View other logged events to determine other actions to take.

- **FQXST0062W The specified global or dedicated spare disk failed.**

Explanation

The specified global or dedicated spare disk failed.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

No

User Action

1. Replace the disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing.
 - If the failed disk was a global spare, configure the new disk as a global spare.

- If the failed disk was a dedicated spare, configure the new disk as a dedicated spare for the same disk group.
- **FQXST0065M An uncorrectable ECC error occurred in cache memory on startup.**

Explanation
The controller is restarted automatically and its cache data are restored from the partner controller's cache.

Severity
Critical

Serviceable with log
No

Automatically Notify Support
No

User Action
Replace the controller module that logged this event.
- **FQXST0068I The controller that logged this event is shut down, or both controllers are shut down.**

Explanation
The controller that logged this event is shut down, or both controllers are shut down.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.
- **FQXST0071I The controller started or completed failing over.**

Explanation
The controller started or completed failing over.

Severity
Informational

Serviceable with log
No

Automatically Notify Support
No

User Action
Information only; no action is required.
- **FQXST0072I After failover, recovery has started or completed.**

Explanation
After failover, recovery has started or completed.

Severity
Informational

Serviceable with log
No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0073I The two controllers are communicating with each other and cache redundancy is enabled.**

Explanation

The two controllers are communicating with each other and cache redundancy is enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0074I The FC loop ID for the specified disk group was changed to be consistent with the IDs of other disk groups.**

Explanation

This can occur when disks that constitute a disk group are inserted from an enclosure having a different FC loop ID. This event is also logged by the new owning controller after disk group ownership is changed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0075I The specified volume's LUN (logical unit number) has been unassigned because it conflicts with LUNs assigned to other volumes. This can happen when disks containing data for a mapped volume are moved from one storage system to another.**

Explanation

The specified volume's LUN (logical unit number) has been unassigned because it conflicts with LUNs assigned to other volumes. This can happen when disks containing data for a mapped volume are moved from one storage system to another.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0076I The controller is using default configuration settings. This event occurs on the first power up, and might occur after a firmware update.**

Explanation

The controller is using default configuration settings. This event occurs on the first power up, and might occur after a firmware update.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0077I The cache was initialized as a result of power up or failover.**

Explanation

The cache was initialized as a result of power up or failover.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0078W The controller could not use an assigned spare for a disk group because the spare's capacity is too small.**

Explanation

This occurs when a disk in the disk group fails, there is no dedicated spare available and all global spares are too small or, if the dynamic spares feature is enabled, all global spares and available disks are too small. It can also occur if there is no spare of the correct type. There may be more than one failed disk in the system.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

No

User Action

1. Replace each failed disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing.
2. Configure disks as dedicated spares or global spares.
 - For a dedicated spare, the disk must be of the same type as the other disks in the disk group and at least as large as the smallest-capacity disk in the disk group, and it should have the same or better performance.

- For a global spare, it is best to choose a disk that is as big as or bigger than the largest disk of its type in the system and of equal or greater performance. If the system contains a mix of disk types (SAS SSD, enterprise SAS, or midline SAS), there should be at least one global spare of each type (unless dedicated spares are used to protect every disk group of a given type).

- **FQXST0079I A trust operation completed for the specified disk group.**

Explanation

A trust operation completed for the specified disk group.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0080I The controller enabled or disabled the specified parameters for one or more disks.**

Explanation

The controller enabled or disabled the specified parameters for one or more disks.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0081I The current controller has restarted the partner controller. The other controller will restart.**

Explanation

The current controller has restarted the partner controller. The other controller will restart.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0083I The partner controller is shutting down or restarting.**

Explanation

The partner controller is shutting down or restarting.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0084W The current controller that logged this event forced the partner controller to fail over.**

Explanation

The current controller that logged this event forced the partner controller to fail over.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Download the debug logs from your storage system and contact technical support. A service technician can use the debug logs to determine the problem.

- **FQXST0086I Host-port or disk-channel parameters were changed.**

Explanation

Host-port or disk-channel parameters were changed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0087W The mirrored configuration retrieved by this controller from the partner controller has a bad cyclic redundancy check (CRC). The local flash configuration will be used instead.**

Explanation

The mirrored configuration retrieved by this controller from the partner controller has a bad cyclic redundancy check (CRC). The local flash configuration will be used instead.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Restore the default configuration by using the restore defaults command, as described in the CLI Reference Guide.

- **FQXST0088W The mirrored configuration retrieved by this controller from the partner controller is corrupt. The local flash configuration will be used instead.**

Explanation

The mirrored configuration retrieved by this controller from the partner controller is corrupt. The local flash configuration will be used instead.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Restore the default configuration by using the restore defaults command, as described in the CLI Reference Guide.

- **FQXST0089W The mirrored configuration retrieved by this controller from the partner controller has a configuration level that is too high for the firmware in this controller to process. The local flash configuration will be used instead.**

Explanation

The mirrored configuration retrieved by this controller from the partner controller has a configuration level that is too high for the firmware in this controller to process. The local flash configuration will be used instead.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

The current controller that logged this event probably has down-level firmware. Update the firmware in the down-level controller. Both controllers should have the same firmware versions. When the problem is resolved, event 20 is logged.

- **FQXST0090I The partner controller does not have a mirrored configuration image for the current controller, so the current controller's local flash configuration is being used.**

Explanation

This event is expected if the other controller is new or its configuration has been changed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0091M In a testing environment, the diagnostic that checks hardware reset signals between controllers in Active-Active mode failed.**

Explanation

In a testing environment, the diagnostic that checks hardware reset signals between controllers in Active-Active mode failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Perform failure analysis.

- **FQXST0095M Both controllers in an Active-Active configuration have the same serial number. Non-unique serial numbers can cause system problems. For example, WWNs are determined by serial number.**

Explanation

Both controllers in an Active-Active configuration have the same serial number. Non-unique serial numbers can cause system problems. For example, WWNs are determined by serial number.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Remove one of the controller modules and insert a replacement. Then return the removed module to be reprogrammed.

- **FQXST0096I Pending configuration changes that take effect at startup were ignored because customer data might be present in cache.**

Explanation

Pending configuration changes that take effect at startup were ignored because customer data might be present in cache.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0103I The name was changed for the specified volume.**

Explanation

The name was changed for the specified volume.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0104I The size was changed for the specified volume.**

Explanation

The size was changed for the specified volume.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0105I The default LUN (logical unit number) was changed for the specified volume.**

Explanation

The default LUN (logical unit number) was changed for the specified volume.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0106I The specified volume was added to the specified pool.**

Explanation

The specified volume was added to the specified pool.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0107M A serious error was detected by the controller. In a single-controller configuration, the controller will restart automatically. In an Active-Active configuration, the partner controller will stop the controller that experienced the error.**

Explanation

A serious error was detected by the controller. In a single-controller configuration, the controller will restart automatically. In an Active-Active configuration, the partner controller will stop the controller that experienced the error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Download the debug logs from your storage system and contact technical support. A service technician can use the debug logs to determine the problem.

- **FQXST0108I The specified volume was deleted from the specified pool.**

Explanation

The specified volume was deleted from the specified pool.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0109I The statistics for the specified volume were reset.**

Explanation

The statistics for the specified volume were reset.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0110I Ownership of the specified disk group was transferred to the other controller.**

Explanation

Ownership of the specified disk group was transferred to the other controller.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0111I The link for the specified host port is up.**

Explanation

This event indicates that a problem reported by event 112 is resolved. For a system with FC ports, this event also appears after loop initialization.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0112I The link for the specified host port went down because the controller is starting up.**

Explanation

The link for the specified host port went down because the controller is starting up.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0112W The link for the specified host port went down unexpectedly.**

Explanation

The link for the specified host port went down unexpectedly.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

Yes

User Action

Look for a corresponding event 111 and monitor excessive transitions, which indicate a host-connectivity or switch problem. If this event occurs more than eight times per hour, it should be investigated.

This event is probably caused by equipment outside of the storage system, such as faulty cabling or a faulty switch. If the problem is not outside of the storage system, replace the controller module that logged this event.

- **FQXST0114I The link for the specified disk-channel port is down. Note that events 114 and 211 are logged whenever a user-requested rescan occurs and do not indicate an error.**

Explanation

The link for the specified disk-channel port is down. Note that events 114 and 211 are logged whenever a user-requested rescan occurs and do not indicate an error.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0116M After a recovery, the partner controller was stopped while mirroring write-back cache data to the controller that logged this event. The controller that logged this event was restarted to avoid losing the data in the partner controller's cache, but if the other controller does not restart successfully, the data will be lost.**

Explanation

After a recovery, the partner controller was stopped while mirroring write-back cache data to the controller that logged this event. The controller that logged this event was restarted to avoid losing the data in the partner controller's cache, but if the other controller does not restart successfully, the data will be lost.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

To determine if data might have been lost, check whether this event was immediately followed by event 56 (Storage Controller booted up), closely followed by event 71 (failover started). The failover indicates that the restart did not succeed.

- **FQXST0117W This controller module detected or generated an error on the specified host channel.**

Explanation

This controller module detected or generated an error on the specified host channel.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

Yes

User Action

1. Restart the Storage Controller that logged this event.
2. If more errors are detected, check the connectivity between the controller and the attached host.
3. If more errors are generated, shut down the Storage Controller and replace the controller module.

- **FQXST0118I Cache parameters have been changed for the specified volume.**

Explanation

Cache parameters have been changed for the specified volume.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0127W The controller detected a disk dual-port connection that is not valid. This event indicates that a controller host port is connected to an expansion port, instead of to a port on a host or a switch.**

Explanation

The controller detected a disk dual-port connection that is not valid. This event indicates that a controller host port is connected to an expansion port, instead of to a port on a host or a switch.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Disconnect the host port and expansion port from each other and connect them to the proper devices.

- **FQXST0136W Errors detected on the specified disk channel have caused the controller to mark the channel as degraded.**

Explanation

Errors detected on the specified disk channel have caused the controller to mark the channel as degraded.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Determine the source of the errors on the specified disk channel and replace the faulty hardware. When the problem is resolved, event 189 is logged.

- **FQXST0139I The Management Controller (MC) powered up or restarted.**

Explanation

The Management Controller (MC) powered up or restarted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0140I The Management Controller is about to restart.**

Explanation

The Management Controller is about to restart.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0141I This event is logged when the IP address used for management of the system has been changed by a user or by a DHCP server (if DHCP is enabled). This event is also logged during power up or failover recovery, even when the address has not changed.**

Explanation

This event is logged when the IP address used for management of the system has been changed by a user or by a DHCP server (if DHCP is enabled). This event is also logged during power up or failover recovery, even when the address has not changed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0152I The Management Controller (MC) has not communicated with the Storage Controller (SC) for 160 seconds.**

Explanation

If communication is restored in less than 15 minutes, event 153 is logged. If the problem persists, this event is logged a second time with a severity of Warning.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0152W The Management Controller (MC) has not communicated with the Storage Controller (SC) for 15 minutes and might have failed.**

Explanation

This event is initially logged as informational severity. If the problem persists, this event is logged a second time as warning severity and the MC is automatically restarted in an attempt to recover from the problem. Event 156 is then logged.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

1. If this event is logged only one time with a severity of Warning, no action is required.
 2. If this event is logged more than one time with a severity of Warning, complete the following steps:
 - a. If you are now able to access the management interfaces of the controller that logged this event, do the following:
 - 1) Check the version of the controller firmware and update to the latest firmware if needed.
 - 2) If the latest firmware is already installed, the controller module that logged this event probably has a hardware fault. Replace the module.
 - b. If you are not able to access the management interfaces of the controller that logged this event, do the following:
 - 1) Shut down that controller and reseal the module.
 - 2) If you are then able to access the management interfaces, check the version of the controller firmware and update to the latest firmware if needed.
 - 3) If the problem recurs, replace the module.
- **FQXST0153I The Management Controller (MC) re-established communication with the Storage Controller (SC).**

Explanation

The Management Controller (MC) re-established communication with the Storage Controller (SC).

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0154I New firmware was loaded in the Management Controller (MC).**

Explanation

New firmware was loaded in the Management Controller (MC).

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0155I New loader firmware was loaded in the Management Controller (MC).**

Explanation

New loader firmware was loaded in the Management Controller (MC).

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0156I The Management Controller (MC) was restarted from the Storage Controller (SC) in a normal case, such as when initiated by a user.**

Explanation

The Management Controller (MC) was restarted from the Storage Controller (SC) in a normal case, such as when initiated by a user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0156W The Management Controller (MC) was restarted from the Storage Controller (SC) for the purpose of error recovery.**

Explanation

The Management Controller (MC) was restarted from the Storage Controller (SC) for the purpose of error recovery.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

See the recommended actions for event 152, which is logged at approximately the same time.

- **FQXST0157M A failure occurred when trying to write to the Storage Controller (SC) flash chip.**

Explanation

A failure occurred when trying to write to the Storage Controller (SC) flash chip.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Replace the controller module that logged this event.

- **FQXST0158M A correctable ECC error occurred in Storage Controller CPU memory more than once during a 12-hour period, indicating a probable hardware fault.**

Explanation

A correctable ECC error occurred in Storage Controller CPU memory more than once during a 12-hour period, indicating a probable hardware fault.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Replace the controller module that logged this event.

- **FQXST0158W A correctable ECC error occurred in Storage Controller CPU memory.**

Explanation

This event is logged with warning severity to provide information that may be useful to technical support, but no action is required at this time. It will be logged with a severity of Error if it is necessary to replace the controller module.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

Yes

User Action

No action is required.

- **FQXST0161C One or more enclosures do not have a valid path to an enclosure management processor (EMP). All enclosure EMPs are disabled.**

Explanation

One or more enclosures do not have a valid path to an enclosure management processor (EMP). All enclosure EMPs are disabled.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Download the debug logs from your storage system and contact technical support. A service technician can use the debug logs to determine the problem.

- **FQXST0162W The host WWNs (node and port) previously presented by this controller module are unknown.**

Explanation

In a dual-controller system this event has two possible causes: One or both controller modules have been replaced or moved while the system was powered off. One or both controller modules have had

their flash configuration cleared (this is where the previously used WWNs are stored). The controller module recovers from this situation by generating a WWN based on its own serial number.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

Yes

User Action

If the controller module was replaced or someone reprogrammed its FRU ID data, verify the WWN information for this controller module on all hosts that access it.

- **FQXST0163W The host WWNs (node and port) previously presented by the partner controller module, which is currently offline, are unknown.**

Explanation

This event has two possible causes: The online controller module reporting the event was replaced or moved while the system was powered off. The online controller module had its flash configuration (where previously used WWNs are stored) cleared. The online controller module recovers from this situation by generating a WWN based on its own serial number for the other controller module.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

Yes

User Action

If the controller module was replaced or someone reprogrammed its FRU ID data, verify the WWN information for the other controller module on all hosts that access it.

- **FQXST0166W The RAID metadata level of the two controllers does not match, which indicates that the controllers have different firmware levels.**

Explanation

Usually, the controller at the higher firmware level can read metadata written by a controller at a lower firmware level. The reverse is typically not true. Therefore, if the controller at the higher firmware level failed, the other controller at the lower firmware level cannot read the metadata in disks that have failed over.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

If this occurs after a firmware update, it indicates that the metadata format changed, which is rare. Update the controller with the lower firmware level to match the firmware level in the other controller.

- **FQXST0167W A diagnostic test at controller boot detected an abnormal operation, which might require a power cycle to correct.**

Explanation

A diagnostic test at controller boot detected an abnormal operation, which might require a power cycle to correct.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Download the debug logs from your storage system and contact technical support. A service technician can use the debug logs to determine the problem.

- **FQXST0170I The last rescan detected that the specified enclosure was added to the system.**

Explanation

The last rescan detected that the specified enclosure was added to the system.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0171I The last rescan detected that the specified enclosure was removed from the system.**

Explanation

The last rescan detected that the specified enclosure was removed from the system.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0172W The specified disk group was quarantined because some its disks are not accessible.**

Explanation

The specified disk group was quarantined because some its disks are not accessible.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

1. If event 173 has subsequently been logged for the specified disk group, no action is required. The disk group has already been removed from quarantine.
 2. Otherwise, perform the following actions:
 - a. Check that all enclosures are powered on.
 - b. Check that all disks and I/O modules in every enclosure are fully seated in their slots and that their latches are locked.
 - c. Reseat any disks in the quarantined disk group that are reported as missing or failed in the user interface. (Do NoT remove and reinsert disks that are not members of the disk group that is quarantined.)
 - d. Check that the SAS expansion cables are connected between each enclosure in the storage system and that they are fully seated. (Do NoT remove and reinsert the cables because this can cause problems with additional disk groups.)
 - e. Check that no disks have been removed from the system unintentionally.
 - f. Check for other events that indicate faults in the system and follow the recommended actions for those events. But, if the event indicates a failed disk and the recommended action is to replace the disk, do NoT replace the disk at this time because it may be needed later for data recovery.
 - g. If the disk group is still quarantined after performing the above steps, shut down both controllers and then power down the entire storage system. Power it back up, beginning with any disk enclosures (expansion enclosures), then the controller enclosure.
 - h. If the disk group is still quarantined after performing the above steps, contact technical support.
- **FQXST0173I The specified disk group was removed from quarantine.**

Explanation

The specified disk group was removed from quarantine.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0174I An enclosure or disk firmware update has succeeded, been aborted by a user, or failed. If the firmware update fails, the user will be notified about the problem immediately and should take care of the problem at that time, so even when there is a failure, this event is logged as with a severity of Informational.**

Explanation

An enclosure or disk firmware update has succeeded, been aborted by a user, or failed. If the firmware update fails, the user will be notified about the problem immediately and should take care of the problem at that time, so even when there is a failure, this event is logged as with a severity of Informational.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0175I The network-port Ethernet link for the specified controller is up or down.**

Explanation

The network-port Ethernet link for the specified controller is up or down.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0176I The error statistics for the specified disk have been reset.**

Explanation

The error statistics for the specified disk have been reset.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0177I Cache data was purged for the specified missing volume.**

Explanation

Cache data was purged for the specified missing volume.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0181I One or more configuration parameters associated with the Management Controller (MC) were changed, such as the configuration for SNMP, SMI-S, email notification, and system strings (system name, system location, etc.).**

Explanation

One or more configuration parameters associated with the Management Controller (MC) were changed, such as the configuration for SNMP, SMI-S, email notification, and system strings (system name, system location, etc.).

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0182I All disk channels have been paused. I/O will not be performed on the disks until all channels are unpaused.**

Explanation

All disk channels have been paused. I/O will not be performed on the disks until all channels are unpaused.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0183I All disk channels have been unpaused, meaning that I/O can resume. An unpauses initiates a rescan, which when complete is logged as event 19. This event indicates that the pause reported by event 182 has ended.**

Explanation

All disk channels have been unpaused, meaning that I/O can resume. An unpauses initiates a rescan, which when complete is logged as event 19. This event indicates that the pause reported by event 182 has ended.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0185I An enclosure management processor (EMP) write command completed.**

Explanation

An enclosure management processor (EMP) write command completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0186I Enclosure parameters were changed by a user.**

Explanation

Enclosure parameters were changed by a user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0187I The write-back cache is enabled. Event 188 is the corresponding event that is logged when write-back cash is disabled.**

Explanation

The write-back cache is enabled. Event 188 is the corresponding event that is logged when write-back cash is disabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0188I Write-back cache is disabled. Event 187 is the corresponding even that is logged when write-back cache is disabled.**

Explanation

Write-back cache is disabled. Event 187 is the corresponding even that is logged when write-back cache is disabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0189I A disk channel that was previously degraded or failed is now healthy.**

Explanation

A disk channel that was previously degraded or failed is now healthy.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0190I The controller module's supercapacitor pack has started charging.**

Explanation

This change met a condition to trigger the auto-write-through feature, which has disabled write-back cache and put the system in write-through mode. When the fault is resolved, event 191 is logged to indicate that write-back mode has been restored.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

Yes

User Action

Information only; no action is required.

- **FQXST0191I The auto-write-through trigger event that caused event 190 to be logged has been resolved.**

Explanation

The auto-write-through trigger event that caused event 190 to be logged has been resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0192I The controller module's temperature has exceeded the normal operating range.**

Explanation

This change met a condition to trigger the auto-write-through feature, which has disabled write-back cache and put the system in write-through mode. When the fault is resolved, event 193 is logged to indicate that write-back mode has been restored.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0193I The auto-write-through trigger event that caused event 192 to be logged has been resolved.**

Explanation

The auto-write-through trigger event that caused event 192 to be logged has been resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0194I The Storage Controller in the partner controller module is not up.**

Explanation

This indicates that a trigger condition has occurred that has caused the auto-write-through feature to disable write-back cache and put the system in write-through mode. When the fault is resolved, event 195 is logged to indicate that write-back mode has been restored.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0195I The auto-write-through trigger event that caused event 194 to be logged has been resolved.**

Explanation

The auto-write-through trigger event that caused event 194 to be logged has been resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0198I A power supply failed.**

Explanation

This indicates that a trigger condition has occurred that has caused the auto-write-through feature to disable write-back cache and put the system in write-through mode. When the fault is resolved, event 199 is logged to indicate that write-back mode has been restored.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0199I The auto-write-through trigger event that caused event 198 to be logged has been resolved.**

Explanation

The auto-write-through trigger event that caused event 198 to be logged has been resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0200I A fan failed.**

Explanation

This indicates that a trigger condition has occurred that has caused the auto-write-through feature to disable write-back cache and put the system in write-through mode. When the fault is resolved, event 201 is logged to indicate that write-back mode has been restored.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0201I The auto-write-through trigger event that caused event 200 to be logged has been resolved.**

Explanation

The auto-write-through trigger event that caused event 200 to be logged has been resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0202I An auto-write-through trigger condition has been cleared, causing write-back cache to be re-enabled. The environmental change is also logged at approximately the same time as this event (event 191, 193, 195, 199, 201, and 241.)**

Explanation

An auto-write-through trigger condition has been cleared, causing write-back cache to be re-enabled. The environmental change is also logged at approximately the same time as this event (event 191, 193, 195, 199, 201, and 241.)

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0203W An environmental change occurred that allows write-back cache to be enabled, but the auto-write-back preference is not set. The environmental change is also logged at approximately the same time as this event (event 191, 193, 195, 199, 201, or 241).**

Explanation

An environmental change occurred that allows write-back cache to be enabled, but the auto-write-back preference is not set. The environmental change is also logged at approximately the same time as this event (event 191, 193, 195, 199, 201, or 241).

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Enable write-back cache manually.

- **FQXST0204I The system came up normally, and the NV device is in a normal expected state.**

Explanation

This event will be logged as an Error or Warning event if any user action is required.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0204M An error occurred with either the NV device itself or the transport mechanism. The system may attempt to recover itself.**

Explanation

The CompactFlash card is used for backing up unwritten cache data when a controller goes down unexpectedly, such as when a power failure occurs. This event is generated when the Storage Controller (SC) detects a problem with the CompactFlash as it is booting up.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Restart the Storage Controller that logged this event.
 2. If this event is logged again, shut down the Storage Controller and replace the CompactFlash.
 3. If this event is logged again, shut down the Storage Controller and replace the controller module.
- **FQXST0204W While starting, the system found an issue with the NV device. The system will attempt to recover itself.**

Explanation

The CompactFlash card is used for backing up unwritten cache data when a controller goes down unexpectedly, such as when a power failure occurs. This event is generated when the Storage Controller (SC) detects a problem with the CompactFlash as it is booting.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Restart the Storage Controller that logged this event.
 2. If this event is logged again, shut down the Storage Controller and replace the controller module.
- **FQXST0205I The specified volume has been mapped or unmapped.**

Explanation

The specified volume has been mapped or unmapped.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0206I Disk group scrub started.**

Explanation

The scrub checks disks in the disk group for the following types of errors: Data parity errors for a RAID 3, 5, 6, or 50 disk group. Mirror verify errors for a RAID 1 or RAID 10 disk group. Media errors for all RAID levels including RAID 0 and non-RAID disk groups. When errors are detected, they are automatically corrected. When the scrub is complete, event 207 is logged.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0207I Disk group scrub completed or was stopped by a user.**

Explanation

This event is logged as a severity of Informational when fewer than 100 parity or mirror mismatches are found and corrected during a scrub. For non-fault-tolerant RAID levels (RAID 0 and non-RAID), media errors might indicate loss of data.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0207M Disk group scrub completed and found an excessive number of errors for the specified disk group.**

Explanation

This event is logged as Error severity when more than 100 parity or mirror mismatches are found and corrected during a scrub or when 1 to 99 parity or mirror mismatches are found and corrected during each of 10 separate scrubs of the same disk group. For non-fault-tolerant RAID levels (RAID 0 and non-RAID), media errors might indicate loss of data.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Resolve any non-disk hardware problems, such as a cooling problem or a faulty controller module, expansion module, or power supply.
 2. Check whether any disks in the disk group have logged SMART events or unrecoverable read errors.
 - If so, and the disk group is a non-fault-tolerant RAID level (RAID 0 or non-RAID), copy the data to a different disk group and replace the faulty disks.
 - If so, and the disk group is a fault-tolerant RAID level, check the current state of the disk group. If it is not FTOL, back up the data as data may be at risk. If it is FTOL, replace the specified disk. If more than one disk in the same disk group has logged a SMART event, back up the data and replace each disk one at a time. In virtual storage it may be possible to remove the affected disk group, which will drain its data to another disk group, and then re-add the disk group.
- **FQXST0207W Disk group scrub did not complete because of an internally detected condition, such as a failed disk.**

Explanation

If a disk fails, data might be at risk.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Resolve any non-disk hardware problems, such as a cooling problem or a faulty controller module, expansion module, or power supply.
 2. Check whether any disks in the disk group have logged SMART events or unrecoverable read errors.
 - If so, and the disk group is a non-fault-tolerant RAID level (RAID 0 or non-RAID), copy the data to a different disk group and replace the faulty disks.
 - If so, and the disk group is a fault-tolerant RAID level, check the current state of the disk group. If it is not FTOL, back up the data as data may be at risk. If it is FTOL, replace the specified disk. If more than one disk in the same disk group has logged a SMART event, back up the data and replace each disk one at a time. In virtual storage it may be possible to remove the affected disk group, which will drain its data to another disk group, and then re-add the disk group.
- **FQXST0208I A scrub-disk job started for the specified disk. The result will be logged with event 209.**

Explanation

A scrub-disk job started for the specified disk. The result will be logged with event 209.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0209I A scrub-disk job logged with event 208 has completed and found no errors, a disk being scrubbed (with no errors found) has been added to a disk group, or a user has stopped the job.**

Explanation

A scrub-disk job logged with event 208 has completed and found no errors, a disk being scrubbed (with no errors found) has been added to a disk group, or a user has stopped the job.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0209M A scrub-disk job logged with event 208 has completed and found one or more media errors, SMART events, or hard (non-media) errors. If this disk is used in a non-fault-tolerant disk group, data might have been lost.**

Explanation

A scrub-disk job logged with event 208 has completed and found one or more media errors, SMART events, or hard (non-media) errors. If this disk is used in a non-fault-tolerant disk group, data might have been lost.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Replace the disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing.

- **FQXST0209W A scrub-disk job logged with event 208 has been stopped by a user, or has reassigned a disk block. These bad-block replacements are reported as "other errors". If this disk is used in a non-fault-tolerant disk group, data might have been lost.**

Explanation

A scrub-disk job logged with event 208 has been stopped by a user, or has reassigned a disk block. These bad-block replacements are reported as "other errors". If this disk is used in a non-fault-tolerant disk group, data might have been lost.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Monitor the error trend to determine whether the number of errors approaches the total number of bad-block replacements available.

- **FQXST0211I SAS topology has changed. The number of SAS expanders has increased or decreased.**

Explanation

The message specifies the number of elements in the SAS map, the number of expanders detected, the number of expansion levels on the native (local controller) side and on the partner (partner controller) side, and the number of device PHYs.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0211W SAS topology has changed. No elements are detected in the SAS map.**

Explanation

The message specifies the number of elements in the SAS map, the number of expanders detected, the number of expansion levels on the native (local controller) side and on the partner (partner controller) side, and the number of device PHYs.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Perform a rescan to repopulate the SAS map.
2. If a rescan does not resolve the problem, shut down and restart both Storage Controllers.
3. If the problem persists, see Resources for diagnosing and resolving problems on page 6.

- **FQXST0216I An uncommitted snapshot has been deleted. Removal of the specified snapshot completed successfully.**

Explanation

An uncommitted snapshot has been deleted. Removal of the specified snapshot completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0217M A supercapacitor failure occurred in the controller.**

Explanation

A supercapacitor failure occurred in the controller.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Replace the controller module that logged this event.

- **FQXST0218W The supercapacitor pack is near the end of life.**

Explanation

The supercapacitor pack is near the end of life.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Replace the controller module reporting this event.

- **FQXST0219I Utility priority was changed by a user.**

Explanation

Utility priority was changed by a user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0232W The maximum number of enclosures allowed for the current configuration has been exceeded.**

Explanation

The platform does not support the number of enclosures that are configured. The enclosure specified by this event has been removed from the configuration.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Reconfigure the system.

- **FQXST0233W The specified disk type is not valid and is not allowed in the current configuration.**

Explanation

All disks of the disallowed type have been removed from the configuration.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Replace the disallowed disks with ones that are supported.

- **FQXST0235I An enclosure management processor (EMP) reported an event.**

Explanation

An enclosure management processor (EMP) reported an event.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0235M An enclosure management processor (EMP) detected a serious error.**

Explanation

An enclosure management processor (EMP) detected a serious error.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Replace the specified controller module or expansion module.

- **FQXST0236I A special shutdown operation started. These special shutdown operations are used as part of the firmware-update process.**

Explanation

A special shutdown operation started. These special shutdown operations are used as part of the firmware-update process.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0236M A special shutdown operation started. These special shutdown operations indicate an incompatible feature.**

Explanation

A special shutdown operation started. These special shutdown operations indicate an incompatible feature.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Replace the specified controller module with one that supports the specified feature.

- **FQXST0237I A firmware update started and is in progress. This event provides details of the steps in a firmware-update operation.**

Explanation

A firmware update started and is in progress. This event provides details of the steps in a firmware-update operation.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0237M A firmware update attempt was stopped because of general system health issue(s), or because unwritable cache data that would be lost during a firmware update.**

Explanation

A firmware update attempt was stopped because of general system health issue(s), or because unwritable cache data that would be lost during a firmware update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Resolve the issue before retrying a firmware update.

- For health issues, issue the show system CLI command to determine the specific health issue(s).
- For unwritten cache data, use the show unwritable-cache CLI command.

- **FQXST0238W A licenses feature cannot be installed because the license is not valid.**

Explanation

A licenses feature cannot be installed because the license is not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the license for what is allowed for the platform, make corrections as appropriate, and reinstall the feature.

- **FQXST0239W A timeout occurred while flushing the CompactFlash.**

Explanation

A timeout occurred while flushing the CompactFlash.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Restart the Storage Controller that logged this event.
2. If this event is logged again, shut down the Storage Controller and replace the CompactFlash.
3. If this event is logged again, shut down the Storage Controller and replace the controller module.

• **FQXST0240W A failure occurred while flushing the CompactFlash.**

Explanation

A failure occurred while flushing the CompactFlash.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Restart the Storage Controller that logged this event.
2. If this event is logged again, shut down the Storage Controller and replace the CompactFlash.
3. If this event is logged again, shut down the Storage Controller and replace the controller module.

• **FQXST0241I The auto-write-through trigger event that caused event 242 to be logged has been resolved.**

Explanation

The auto-write-through trigger event that caused event 242 to be logged has been resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

• **FQXST0242M The controller module's CompactFlash card has failed.**

Explanation

This change met a condition to trigger the auto-write-through feature, which has disabled write-back cache and put the system in write-through mode. When the fault is resolved, event 241 is logged to indicate that write-back mode has been restored.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

If event 241 has not been logged since this event was logged, the CompactFlash failure should be investigated. Another CompactFlash event was probably logged at approximately the same time as this event (such as event 239, 240, or 481). See the recommended actions for that event.

- **FQXST0243I A new controller enclosure has been detected. This happens when a controller module is moved from one enclosure to another and the controller detects that the midplane WWN is different from the WWN it has in its local flash.**

Explanation

A new controller enclosure has been detected. This happens when a controller module is moved from one enclosure to another and the controller detects that the midplane WWN is different from the WWN it has in its local flash.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0245I An existing disk channel target device is not responding to SCSI discovery commands.**

Explanation

An existing disk channel target device is not responding to SCSI discovery commands.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0246W The coin battery is not present, is not properly seated, or has reached end-of-life.**

Explanation

The battery provides backup power for the real-time (date/time) clock. In the event of a power failure, the date and time will revert to 1980-01-01 00:00:00.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Replace the controller module that logged this event.

- **FQXST0247W The FRU ID SEEPROM for the specified field replaceable unit (FRU) cannot be read. FRU ID data might not be programmed.**

Explanation

FRU ID data includes information such as the worldwide name, serial numbers, firmware and hardware versions, and branding information. This event is logged once each time a Storage Controller (SC) is started for each FRU that is not programmed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Return the FRU to have its FRU ID data reprogrammed.

- **FQXST0248I A valid feature license was successfully installed. See event 249 for details about each licensed feature.**

Explanation

A valid feature license was successfully installed. See event 249 for details about each licensed feature.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0249I After a valid license is installed, this event is logged for each licensed feature to show the new license value for that feature. The event specifies whether the feature is licensed, whether the license is temporary, and whether the temporary license is expired.**

Explanation

After a valid license is installed, this event is logged for each licensed feature to show the new license value for that feature. The event specifies whether the feature is licensed, whether the license is temporary, and whether the temporary license is expired.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0250W A license could not be installed.**

Explanation

The license is not valid, or it specifies a feature that is not supported on your product.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Review the readme file that came with the license. Verify that you are trying to install the license in the system for which the license was generated.

- **FQXST0251I A volume-copy operation started for the specified source volume.**

Explanation

Do not mount either volume until the copy is complete (as specified by event 268).

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0253I A license was uninstalled.**

Explanation

A license was uninstalled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0255I The PBCs across controllers do not match because the PBC from controller A and the PBC from controller B are from different vendors. This might limit the available configurations.**

Explanation

The PBCs across controllers do not match because the PBC from controller A and the PBC from controller B are from different vendors. This might limit the available configurations.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0259I In-band CAPI commands were disabled.**

Explanation

In-band CAPI commands were disabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0260I In-band CAPI commands were enabled.**

Explanation

In-band CAPI commands were enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0261I In-band SES commands were disabled.**

Explanation

In-band SES commands were disabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0262I In-band SES commands were enabled.**

Explanation

In-band SES commands were enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0263W The specified spare disk is missing. Either it was removed, or it is not responding.**

Explanation

The specified spare disk is missing. Either it was removed, or it is not responding.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Replace the disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. Then, configure the disk as a spare.

- **FQXST0266I A volume-copy operation for the specified master volume was stopped by a user.**

Explanation

A volume-copy operation for the specified master volume was stopped by a user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0267M While cleaning up resources in metadata at the end of a volume-copy operation, the firmware found at least one error for the specified volume.**

Explanation

While cleaning up resources in metadata at the end of a volume-copy operation, the firmware found at least one error for the specified volume.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Make sure that the disk groups and disks associated with the volume copy do not have problems (health OK, status FTOL or UP). Then, retry the volume copy.

- **FQXST0268I A volume-copy operation for the specified volume completed.**

Explanation

A volume-copy operation for the specified volume completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0269I A partner firmware update operation started. This operation is used to copy firmware from one controller to the other to bring both controllers up to the same version of firmware.**

Explanation

A partner firmware update operation started. This operation is used to copy firmware from one controller to the other to bring both controllers up to the same version of firmware.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0269M A partner firmware upgrade attempt stopped because of either general system health issue(s) or unwritable cache data that would be lost during a firmware update.**

Explanation

A partner firmware upgrade attempt stopped because of either general system health issue(s) or unwritable cache data that would be lost during a firmware update.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Resolve the issue before retrying a firmware update.

- For health issues, issue the show system CLI command to determine the specific health issue(s).
- For unwritten cache data, use the show unwritable-cache CLI command.

- **FQXST0270W A problem occurred while reading or writing the persistent IP data from the FRU ID SEEPROM, or the data read from the FRU ID SEEPROM were not valid.**

Explanation

A problem occurred while reading or writing the persistent IP data from the FRU ID SEEPROM, or the data read from the FRU ID SEEPROM were not valid.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Check the IP settings (including iSCSI host-port IP settings for an iSCSI system), and update them if they are incorrect.

- **FQXST0271I The storage system could not get a valid serial number from the controller's FRU ID SEEPROM, either because it could not read the FRU ID data, because the data in it are not valid or because the data have not been programmed.**

Explanation

The MAC address is derived by using the controller's serial number from flash. This event is only logged one time during bootup.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0273I PHY fault isolation was enabled or disabled by a user for the specified enclosure and controller module.**

Explanation

PHY fault isolation was enabled or disabled by a user for the specified enclosure and controller module.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0274W The specified PHY was disabled, either automatically or by a user.**

Explanation

Drive PHYs are automatically disabled for empty disk slots or if a problem is detected. The following reasons indicate a likely hardware fault: Disabled because of error count interrupts. Disabled because of excessive PHY change counts PHY is ready but did not pass COMINIT

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

1. If none of the reasons listed in the message description apply, no action is required.
2. If any of the reasons listed in the message description apply and the event occurs shortly after the storage system is powered on, complete the following steps:
 - a. Shut down the Storage Controllers. Then turn off the power for the specified enclosure, wait a few seconds, and turn it back on.

- b. If the problem recurs and the event message identifies a disk slot, replace the disk in that slot.
 - c. If the problem recurs and the event message identifies a module, complete the following steps:
 - 1) If the specified PHY type is Egress, replace the cable in the module's egress port.
 - 2) If the specified PHY type is Ingress, replace the cable in the module's ingress port.
 - 3) For other specified PHY types or, if replacing the cable does not fix the issue, replace the specified module.
 - d. If the problem persists, check for other events that might indicate faulty hardware, such as an event indicating an over-temperature condition or power supply fault, and follow the recommended actions for those events.
 - e. If the problem still persists, the fault might be in the enclosure midplane. Replace the chassis FRU.
3. If any of the reasons listed above is specified and this event is logged shortly after a failover, user-initiated rescan, or restart, complete the following steps:
 - a. If the event message identifies a disk slot, reseal the disk in that slot.
 - b. If the problem persists after reseating the disk, replace the disk.
 - c. If the event message identifies a module, do the following:
 - 1) If the specified PHY type is Egress, replace the cable in the module's egress port.
 - 2) If the specified PHY type is Ingress, replace the cable in the module's ingress port.
 - 3) For other specified PHY types or, if replacing the cable does not fix the problem, replace the specified module.
 - d. If the problem persists, check for other events that might indicate faulty hardware, such as an event indicating an over-temperature condition or power supply fault, and follow the recommended actions for those events.
 - e. If the problem still persists, the fault might be in the enclosure midplane. Replace the chassis FRU.

- **FQXST0275I The specified PHY was enabled.**

Explanation

The specified PHY was enabled.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0298W The controller's real-time clock (RTC) setting is not valid.**

Explanation

This event will most commonly occur after a power loss if the real-time clock battery has failed. The time might have been set to a time that is up to 5 minutes before the power loss occurred, or it might have been reset to 1980-01-01 00:00:00.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Check the system date and time. If either is incorrect, set them to the correct date and time.
2. Look for event 246 and follow the recommended action for that event. When the problem is resolved, event 299 is logged.

- **FQXST0299I The controller's RTC setting was recovered successfully.**

Explanation

This event will most commonly occur after an unexpected power loss.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0300I CPU frequency was changed to high.**

Explanation

CPU frequency was changed to high.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0301I CPU frequency was changed to low.**

Explanation

CPU frequency was changed to low.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0302I DDR memory clock frequency was changed to high.**

Explanation

DDR memory clock frequency was changed to high.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0303I DDR memory clock frequency was changed to low.**

Explanation

DDR memory clock frequency was changed to low.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0304I The controller has detected I2C errors that might have been recovered.**

Explanation

The controller has detected I2C errors that might have been recovered.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0305I A serial number in Storage Controller (SC) flash memory was not valid when compared to the serial number in the controller-module or midplane FRU ID SEEPROM. The valid serial number was recovered automatically.**

Explanation

A serial number in Storage Controller (SC) flash memory was not valid when compared to the serial number in the controller-module or midplane FRU ID SEEPROM. The valid serial number was recovered automatically.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0306I** The controller-module serial number in Storage Controller (SC) flash memory was not valid when compared to the serial number in the controller-module FRU ID SEEPROM. The valid serial number was recovered automatically.

Explanation

The controller-module serial number in Storage Controller (SC) flash memory was not valid when compared to the serial number in the controller-module FRU ID SEEPROM. The valid serial number was recovered automatically.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0307C** A temperature sensor on a controller FRU detected an over-temperature condition that caused the controller to shut down.

Explanation

A temperature sensor on a controller FRU detected an over-temperature condition that caused the controller to shut down.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Make sure that the fans for the storage system are running.
2. Check that the ambient temperature is not too warm. The enclosure operating range is 5\ufffd C-40\ufffd C (41\ufffd F-104\ufffd F).
3. Check for any obstructions to the air flow.
4. Check that there is a module or blank filler in every module bay in the enclosure.
5. Replace the controller module that logged the error.

- **FQXST0309I** When the Management Controller (MC) is started, the IP data is obtained from the midplane FRU ID SEEPROM where it is persisted. If the system is unable to write it to the SEEPROM the last time it changed, a flag is set in flash memory. This flag is checked during startup, and if set, this event is logged and the IP data that is in flash memory is used. The IP data might not be correct if the controller module was swapped because the data in the controller's flash memory are used.

Explanation

When the Management Controller (MC) is started, the IP data is obtained from the midplane FRU ID SEEPROM where it is persisted. If the system is unable to write it to the SEEPROM the last time it changed, a flag is set in flash memory. This flag is checked during startup, and if set, this event is logged and the IP data that is in flash memory is used. The IP data might not be correct if the controller module was swapped because the data in the controller's flash memory are used.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0310I After a rescan, back-end discovery and initialization of data for at least one EMP (Enclosure Management Processor) completed. This event is not logged again when processing completes for other EMPs in the system.**

Explanation

After a rescan, back-end discovery and initialization of data for at least one EMP (Enclosure Management Processor) completed. This event is not logged again when processing completes for other EMPs in the system.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0311I A user initiated a ping of a host through the iSCSI interface.**

Explanation

A user initiated a ping of a host through the iSCSI interface.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0312I This event is used by email messages and SNMP traps when testing notification settings. This event is not recorded in the event log.**

Explanation

This event is used by email messages and SNMP traps when testing notification settings. This event is not recorded in the event log.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0313M The specified controller module failed. This event can be ignored for a single-controller configuration.**

Explanation

The specified controller module failed. This event can be ignored for a single-controller configuration.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

If this is a dual-controller system, replace the failed controller module. The module's Fault/Service Required LED will be lit continuously (not blinking).

- **FQXST0314M The specified FRU failed, or is not operating properly. This event follows some other FRU-specific event indicating a problem.**

Explanation

The specified FRU failed, or is not operating properly. This event follows some other FRU-specific event indicating a problem.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Look for other FRU-specific events and follow the recommended actions for those events. To determine if the FRU needs to be replaced, see the topic about verifying component failure in the Installation and Replacement Guide for your product FRU.

- **FQXST0315C The controller module is not compatible with the enclosure.**

Explanation

The controller will automatically shut down. If two incompatible controllers are inserted at the same time or booted at the same time, one controller will crash and the other will stop booting. This behavior is expected and prevents data loss.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Move the controller module to a compatible enclosure.

- **FQXST0316I The temporary license for a feature will expire in 10 days. Any components created with the feature will remain accessible but new components cannot be created after the license expires.**

Explanation

The temporary license for a feature will expire in 10 days. Any components created with the feature will remain accessible but new components cannot be created after the license expires.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0316W The temporary license for a feature has expired.**

Explanation

Any components created with the feature remain accessible but new components cannot be created.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

To continue using the feature, purchase a permanent license.

- **FQXST0317M A serious error has been detected on the disk interface of the Storage Controller. The controller will be stopped by its partner.**

Explanation

A serious error has been detected on the disk interface of the Storage Controller. The controller will be stopped by its partner.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Visually trace the cabling between the controller modules and expansion modules.
2. If the cabling is OK, replace the controller module that logged this event.
3. If the problem recurs, replace the expansion module that is connected to the controller module.

- **FQXST0319W The specified available disk failed.**

Explanation

The specified available disk failed.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Replace the disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing.

- **FQXST0322W The controller has an older Storage Controller (SC) version than the version used to create the CHAP authentication database in the flash memory of the controller.**

Explanation

The CHAP database cannot be read or updated. However, new records can be added, which will replace the existing database with a new database using the latest known version number.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Upgrade the controller firmware to a version whose SC is compatible with the specified database version.
2. If no records were added, the database becomes accessible and remains intact.
3. If records were added, the database becomes accessible but contains only the new records.

- **FQXST0352I Expander Controller (EC) assert data or stack-dump data are available.**

Explanation

Expander Controller (EC) assert data or stack-dump data are available.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0353I Expander Controller (EC) assert data and stack-dump data were cleared.**

Explanation

Expander Controller (EC) assert data and stack-dump data were cleared.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0354I The SAS topology has changed on a host port. At least one PHY is active. For example, the SAS cable connecting a controller host port to a host was connected.**

Explanation

The SAS topology has changed on a host port. At least one PHY is active. For example, the SAS cable connecting a controller host port to a host was connected.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0354W The SAS topology has changed on a host port. At least one PHY went down. For example, the SAS cable connecting a controller host port to a host was disconnected.**

Explanation

The SAS topology has changed on a host port. At least one PHY went down. For example, the SAS cable connecting a controller host port to a host was disconnected.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Check the cable connection between the specified port and the host.
2. Monitor the log to see if the problem persists.

- **FQXST0355W The debug button on the controller module was found to be stuck in the On position during boot.**

Explanation

The debug button on the controller module was found to be stuck in the On position during boot.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

If the button remains stuck, replace the controller module.

- **FQXST0356W This event can only result from tests that are run in the manufacturing environment.**

Explanation

This event can only result from tests that are run in the manufacturing environment.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Follow the manufacturing process.

- **FQXST0357W This event can only result from tests that are run in the manufacturing environment.**

Explanation

This event can only result from tests that are run in the manufacturing environment.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Follow the manufacturing process.

- **FQXST0358C All PHYs are down for the specified disk channel. The system is degraded and is not fault tolerant because all disks are in a single-ported state.**

Explanation

All PHYs are down for the specified disk channel. The system is degraded and is not fault tolerant because all disks are in a single-ported state.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Turn off the power for the controller enclosure, wait a few seconds, and turn it back on.
2. If event 359 has been logged for the specified channel, indicating that the condition no longer exists, no further action is required.
3. If the condition persists, this indicates a hardware problem in one of the controller modules or in the controller enclosure midplane. For help identifying which FRU to replace, see Resources for diagnosing and resolving problems on page 6.

- **FQXST0358W Some PHYs are down for the specified disk channel.**

Explanation

Some PHYs are down for the specified disk channel.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Monitor the log to see whether the condition persists.
 2. If event 359 has been logged for the specified channel, indicating that the condition no longer exists, no further action is required.
 3. If the condition persists, this indicates a hardware problem in one of the controller modules or in the controller enclosure midplane. For help identifying which FRU to replace, see Resources for diagnosing and resolving problems on page 6.
- **FQXST0359I All PHYs that were down for the specified disk channel have recovered and are now up.**

Explanation

All PHYs that were down for the specified disk channel have recovered and are now up.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0360I The speed of the specified disk PHY was renegotiated.**

Explanation

The speed of the specified disk PHY was renegotiated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0361C The scheduler experienced a problem with the specified schedule.**

Explanation

The scheduler experienced a problem with the specified schedule.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Take appropriate action based on the specified problem.

- **FQXST0361I A scheduled task was initiated.**

Explanation

A scheduled task was initiated.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0361M The scheduler experienced a problem with the specified schedule.**

Explanation

The scheduler experienced a problem with the specified schedule.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Take appropriate action based on the specified problem.

- **FQXST0361W The scheduler experienced a problem with the specified schedule.**

Explanation

The scheduler experienced a problem with the specified schedule.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Take appropriate action based on the specified problem.

- **FQXST0362C The scheduler experienced a problem with the specified task.**

Explanation

The scheduler experienced a problem with the specified task.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Take appropriate action based on the specified problem.

- **FQXST0362I The scheduler experienced a problem with the specified task.**

Explanation

The scheduler experienced a problem with the specified task.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0362M The scheduler experienced a problem with the specified task.**

Explanation

The scheduler experienced a problem with the specified task.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Take appropriate action based on the specified problem.

- **FQXST0362W The scheduler experienced a problem with the specified task.**

Explanation

The scheduler experienced a problem with the specified task.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Take appropriate action based on the specified problem.

- **FQXST0363I When the Management Controller (MC) is restarted, firmware versions that are currently installed are compared against those in the bundle that was most recently installed. If the versions match, this event is logged as Informational severity. Components checked include the CPLD, Expander Controller (EC), Storage Controller (SC), and MC.**

Explanation

When the Management Controller (MC) is restarted, firmware versions that are currently installed are compared against those in the bundle that was most recently installed. If the versions match, this event is logged as Informational severity. Components checked include the CPLD, Expander Controller (EC), Storage Controller (SC), and MC.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0363M When the Management Controller (MC) is restarted, firmware versions that are currently installed are compared against those in the bundle that was most recently installed.**

Explanation

When firmware is updated, it is important that all components are successfully updated or the system may not work correctly. Components checked include the CPLD, Expander Controller (EC), Storage Controller (SC), and MC.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Reinstall the firmware package.

- **FQXST0364I The broadcast bus is running as generation 1.**

Explanation

The broadcast bus is running as generation 1.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0365M An uncorrectable ECC error occurred in Storage Controller CPU memory more than once, indicating a probable hardware fault.**

Explanation

An uncorrectable ECC error occurred in Storage Controller CPU memory more than once, indicating a probable hardware fault.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Replace the controller module that logged this event.

- **FQXST0365W An uncorrectable ECC error occurred in Storage Controller CPU memory.**

Explanation

This event is logged with a severity of Warning to provide information that might be useful to technical support, but no action is required at this time. It will be logged with a severity of Error if it is necessary to replace the controller module.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXST0400I The specified log has filled to a level at which it needs to be transferred to a log-collection system.**

Explanation

The specified log has filled to a level at which it needs to be transferred to a log-collection system.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0401W The specified log has filled to a level at which diagnostic data will be lost if the log is not transferred to a log-collection system.**

Explanation

The specified log has filled to a level at which diagnostic data will be lost if the log is not transferred to a log-collection system.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Transfer the log file to the log-collection system.

- **FQXST0402M The specified log has wrapped and has started to overwrite the oldest diagnostic data.**

Explanation

The specified log has wrapped and has started to overwrite the oldest diagnostic data.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Investigate why the log-collection system is not transferring the logs before they are overwritten. For example, you might have enabled managed logs without configuring a destination to which to send the logs.

- **FQXST0412W One disk in the specified RAID-6 disk group failed. The disk group is online, but it has a status of FTDN (fault tolerant with a down disk).**

Explanation

If a dedicated spare or global spare of the proper type and size is present, that spare is used to automatically reconstruct the disk group, and events 9 and 37 are logged. If no usable spare disk is present, but an available disk of the proper type and size is present and the dynamic spares feature is enabled, that disk is used to automatically reconstruct the disk group and event 37 is logged.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

No

User Action

1. If event 37 was not logged, a spare of the proper type and size was not available for reconstruction. Replace the failed disk with one of the same type and the same or greater capacity and, if necessary, designate it as a spare. Confirm this by checking that events 9 and 37 are logged.
2. Otherwise, reconstruction automatically started and event 37 was logged. Replace the failed disk and configure the replacement as a dedicated (linear only) or global spare for future use. For continued optimum I/O performance, the replacement disk should have the same or better performance.
3. Confirm that all failed disks have been replaced and that there are sufficient spare disks configured for future use.

- **FQXST0442W Power-On Self Test (POST) diagnostics detected a hardware error in a UART chip.**

Explanation

Power-On Self Test (POST) diagnostics detected a hardware error in a UART chip.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Replace the controller module that logged this event.

- **FQXST0454I A user changed the drive-spin-down delay for the specified disk group to the specified value.**

Explanation

A user changed the drive-spin-down delay for the specified disk group to the specified value.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0455W The controller detected that the configured host-port link speed exceeded the capability of an FC SFP. The speed has been automatically reduced to the maximum value supported by all hardware components in the data path.**

Explanation

The controller detected that the configured host-port link speed exceeded the capability of an FC SFP. The speed has been automatically reduced to the maximum value supported by all hardware components in the data path.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Replace the SFP in the specified port with an SFP that supports a higher speed.

- **FQXST0456W The IQN of the system was generated from the default OUI because the controllers could not read the OUI from the midplane FRU ID data during startup. If the IQN is not correct for the system, iSCSI hosts might be unable to access the system.**

Explanation

The IQN of the system was generated from the default OUI because the controllers could not read the OUI from the midplane FRU ID data during startup. If the IQN is not correct for the system, iSCSI hosts might be unable to access the system.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

If event 270 with status code 0 is logged at approximately the same time, restart the Storage Controllers.

- **FQXST0457I The specified virtual pool was created.**

Explanation

The specified virtual pool was created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0458I Disk groups were added to the specified virtual pool.**

Explanation

Disk groups were added to the specified virtual pool.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0459I Removal of the specified disk group(s) was started. When this operation is complete, event 470 is logged.**

Explanation

Removal of the specified disk group(s) was started. When this operation is complete, event 470 is logged.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0460M The specified disk group is missing from the specified virtual pool. This may be caused by missing disk drives, or unconnected or powered-off enclosures.**

Explanation

The specified disk group is missing from the specified virtual pool. This may be caused by missing disk drives, or unconnected or powered-off enclosures.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Ensure that all disks are installed and that all enclosures are connected and powered on. When the problem is resolved, event 461 is logged.

- **FQXST0461I The specified disk group that was missing from the specified virtual pool was recovered. This event indicates that a problem reported by event 460 is resolved.**

Explanation

The specified disk group that was missing from the specified virtual pool was recovered. This event indicates that a problem reported by event 460 is resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0462I The specified virtual pool exceeded one of its thresholds for allocated pages.**

Explanation

There are three thresholds, two of which are user-settable. The third and highest setting is set automatically by the controller and cannot be changed. This event is logged with warning severity if the high threshold is exceeded and the virtual pool is overcommitted. Overcommitted means that the total committed size of all virtual volumes exceeds the physical space in the virtual pool. If the storage usage drops below a threshold, event 463 is logged.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0462M The specified virtual pool reached its storage limit.**

Explanation

There are three thresholds, two of which are user-configurable. The third and highest setting is set automatically by the controller and cannot be changed. This event is logged with a severity of Warning if the high threshold is exceeded and the virtual pool is overcommitted. Overcommitted means that the total committed size of all virtual volumes exceeds the physical space in the virtual pool. If the storage usage drops below a threshold, event 463 is logged.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

You should immediately take steps to reduce storage usage or add capacity.

- **FQXST0462W The specified virtual pool exceeded its high threshold for allocated pages, and the virtual pool is overcommitted.**

Explanation

There are three thresholds, two of which are user-settable. The third and highest setting is set automatically by the controller and cannot be changed. This event is logged with severity of Warning if the high threshold is exceeded and the virtual pool is overcommitted. Overcommitted means that the total committed size of all virtual volumes exceeds the physical space in the virtual pool. If the storage usage drops below a threshold, event 463 is logged.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

You should immediately take steps to reduce storage usage or add capacity.

- **FQXST0463I The specified virtual pool has dropped below one of its thresholds for allocated pages. This event indicates that a condition reported by event 462 is no longer applicable.**

Explanation

The specified virtual pool has dropped below one of its thresholds for allocated pages. This event indicates that a condition reported by event 462 is no longer applicable.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0464W A user inserted an unsupported cable or SFP into the specified controller host port.**

Explanation

A user inserted an unsupported cable or SFP into the specified controller host port.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Replace the cable or SFP with a supported type.

- **FQXST0465I A user removed an unsupported cable or SFP from the specified controller host port.**

Explanation

A user removed an unsupported cable or SFP from the specified controller host port.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0466I The specified virtual pool was deleted.**

Explanation

The specified virtual pool was deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0467I The specified disk group was added successfully.**

Explanation

The specified disk group was added successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0468I The FPGA temperature returned to the normal operating range and the speed of buses connecting the FPGA to downstream adapters was restored. The speed was reduced to compensate for an FPGA over-temperature condition. This event indicates that a problem reported by event 469 is resolved.**

Explanation

The FPGA temperature returned to the normal operating range and the speed of buses connecting the FPGA to downstream adapters was restored. The speed was reduced to compensate for an FPGA over-temperature condition. This event indicates that a problem reported by event 469 is resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0469W The speed of buses connecting the FPGA to downstream adapters was reduced to compensate for an FPGA over-temperature condition. The storage system is operational but I/O performance is reduced.**

Explanation

The speed of buses connecting the FPGA to downstream adapters was reduced to compensate for an FPGA over-temperature condition. The storage system is operational but I/O performance is reduced.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

1. Check that the fans in the storage system are running.
2. Check that the ambient temperature is not too warm. The enclosure operating range is 5\ufffdC-40\ufffdC (41\ufffdF-104\ufffdF).
3. Check for any obstructions to the air flow.
4. Check that there is a module or blank filler in every module bay in the enclosure.
5. Replace the controller module that logged the error.

When the problem is resolved, event 468 is logged.

- **FQXST0470I The removal of the specified disk group(s) completed successfully.**

Explanation

The removal of the specified disk group(s) completed successfully.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0473I The specified volume is using more than its threshold percentage of its virtual pool.**

Explanation

The storage usage crossed the user-specified threshold for this volume. If the storage usage drops below the threshold, event 474 is logged.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0474I The specified volume is no longer using more than its threshold percentage of its virtual pool. This event indicates that the condition reported by event 473 is no longer applicable.**

Explanation

The specified volume is no longer using more than its threshold percentage of its virtual pool. This event indicates that the condition reported by event 473 is no longer applicable.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0476W The CPU temperature exceeded the safe range so the CPU entered its self-protection state. IOPS were reduced. The storage system is operational, but I/O performance is reduced.**

Explanation

The CPU temperature exceeded the safe range so the CPU entered its self-protection state. IOPS were reduced. The storage system is operational, but I/O performance is reduced.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

Yes

User Action

1. Check that the fans in the storage system are running.
2. Check that the ambient temperature is not too warm. The enclosure operating range is 5\ufffdC-40\ufffdC (41\ufffdF-104\ufffdF).
3. Check for any obstructions to the air flow.
4. Check that there is a module or blank filler in every module bay in the enclosure.
5. Replace the controller module that logged the error.

When the problem is resolved, event 478 is logged.

- **FQXST0477I The CPU temperature exceeded the normal range so the CPU speed was reduced. IOPS were reduced. The storage system is operational, but I/O performance is reduced.**

Explanation

The CPU temperature exceeded the normal range so the CPU speed was reduced. IOPS were reduced. The storage system is operational, but I/O performance is reduced.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

Yes

User Action

Information only; no action is required.

- **FQXST0478I A problem reported by event 476 or 477 is resolved.**

Explanation

A problem reported by event 476 or 477 is resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0479M The controller reporting this event was not able to flush data to or restore data from non-volatile memory.**

Explanation

This mostly likely indicates a CompactFlash failure, but it could be caused by some other problem with the controller module. The Storage Controller that logged this event will be stopped by its partner controller, which will use its own copy of the data to perform the flush or restore operation.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Restart the stopped Storage Controller.
2. Replace the CompactFlash.
3. Shut down the Storage Controller and replace the controller module.

- **FQXST0480M An IP address conflict was detected for the specified iSCSI port of the storage system. The specified IP address is already in use.**

Explanation

An IP address conflict was detected for the specified iSCSI port of the storage system. The specified IP address is already in use.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Contact your data-network administrator to help resolve the IP address conflict.

- **FQXST0481M The periodic monitor of CompactFlash hardware detected an error. The controller was put in write-through mode, which reduces I/O performance.**

Explanation

The periodic monitor of CompactFlash hardware detected an error. The controller was put in write-through mode, which reduces I/O performance.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Restart the Storage Controller that logged this event.
2. Shut down the Storage Controller and replace the CompactFlash.
3. Shut down the Storage Controller and replace the controller module.

- **FQXST0482W One of the PCIe buses is running with fewer lanes than is optimal.**

Explanation

This event is the result of a hardware problem that has caused the controller to use fewer lanes. The system works with fewer lanes, but I/O performance is degraded.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

Replace the controller module that logged this event.

- **FQXST0483M The expansion-module connection for the specified disk channel is not valid. An egress port is connected to an egress port, or an ingress port is connected to an incorrect egress port.**

Explanation

The expansion-module connection for the specified disk channel is not valid. An egress port is connected to an egress port, or an ingress port is connected to an incorrect egress port.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Visually trace the cabling between enclosures and correct the cabling.

- **FQXST0484W No compatible spares are available to reconstruct this disk group if it experiences a disk failure. Only disk groups that have dedicated or suitable global spares will start reconstruction automatically.**

Explanation

This situation puts data at increased risk because it will require user action to configure a disk as a dedicated or global spare before reconstruction can begin on the specified disk group if a disk in that disk group fails in the future. If the last global spare has been deleted or used for reconstruction, ALL disk groups that do not have at least one dedicated spare are at increased risk. Note that even though there may be global spares still available, they cannot be used for reconstruction of a disk group if that disk group uses larger-capacity disks or a different type of disk. Therefore, this event may be logged even when there are unused global spares. If the dynamic spares feature is enabled (linear only), this event will be logged even if there is an available disk that may be used for reconstruction.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Configure disks as dedicated spares or global spares.

- For a dedicated spare, the disk must be of the same type as the other disks in the linear disk group and at least as large as the smallest-capacity disk in the linear disk group, and it should have the same or better performance.
- For a global spare, it is best to choose a disk that is as big as or bigger than the largest disk of its type in the system and of equal or greater performance. If the system contains a mix of disk types (SAS SSD, enterprise SAS, or midline SAS), there should be at least one global spare of each type (unless dedicated spares are used to protect every disk group of a given type, which will only apply to a linear storage configuration).

- **FQXST0485W The specified disk group was quarantined to prevent writing outdated data that might exist in the controller that logged this event.**

Explanation

This event is logged to report that the specified disk group has been put in the quarantined offline state (status of QTOF) to prevent loss of data. The controller that logged this event has detected (via information saved in the disk group metadata) that it might contain outdated data that should not be written to the disk group. Data might be lost if you do not follow the recommended actions carefully. This situation is typically caused by the removal of a controller module without shutting it down first, and then inserting a different controller module in its place. To avoid this problem in the future, always shut down the Storage Controller in a controller module before removing it. This situation may also be caused by failure of the CompactFlash card, as specified by event 204.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

- If event 204 is logged, follow the recommended actions for event 204.
- If event 204 is NoT logged, perform the following recommended actions:
 - If event 486 is not logged at approximately the same time as event 485, reinsert the removed controller module, shut it down, then remove it again.
 - If events 485 and 486 are both logged at approximately the same time, wait at least 5 minutes for the automatic recovery process to complete. Then sign in and confirm that both controller modules are operational. (You can determine if the controllers are operational with the show controllers CLI command or with the SMC.) In most cases, the system will come back up and no further action is required. If both controller modules do not become operational in 5 minutes, data might have been lost. If both controllers are not operational, follow this recovery process:
 1. Remove the controller module that first logged event 486.
 2. Turn off the power for the controller enclosure, wait a few seconds, then turn it back on.
 3. Wait for the controller module to restart, and then sign in again.
 4. Check the status of the disk groups. If any of the disk groups have a status of quarantined offline (QTOF), remove those disk groups from quarantine.
 5. Reinsert the previously removed controller module. It should now restart successfully.

- **FQXST0486W A recovery process was initiated to prevent writing outdated data that might exist in the controller that logged this event.**

Explanation

The controller that logged this event has detected (via information saved in the disk group metadata) that it might contain outdated data that should not be written to the disk groups. The controller will log this event, restart the partner controller, wait 10 seconds, then stop itself. The partner controller will then restart this controller and mirror the correct cache data to it. This procedure will, in most cases, allow all data to be correctly written without any loss of data and without writing any outdated data.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Wait at least five minutes for the automatic recovery process to complete. Then sign in and confirm that both controller modules are operational. (You can determine if the controllers are operational with the show redundancy-mode CLI command.) In most cases, the system will come back up and no action is required.
2. If both controller modules do not become operational in five minutes, see the recommended actions for event 485, which will be logged at approximately the same time.

- **FQXST0487I Historical performance statistics were reset.**

Explanation

Historical performance statistics were reset.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0488I The creation of a volume group started.**

Explanation

The creation of a volume group started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0489I The creation of a volume group completed.**

Explanation

The creation of a volume group completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0490I The creation of a volume group failed.**

Explanation

The creation of a volume group failed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0491I The creation of a volume group started.**

Explanation

The creation of a volume group started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0492I The volumes in a volume group were ungrouped.**

Explanation

The volumes in a volume group were ungrouped.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0493I A group of volumes was modified.**

Explanation

A group of volumes was modified.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0495W The algorithm for best-path routing selected the alternate path to the specified disk because the I/O error count on the primary path reached its threshold.**

Explanation

The controller that logs this event indicates which channel (path) has the problem. For example, if the B controller logs the problem, the problem is in the chain of cables and expansion modules connected to the B controller module.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

Yes

User Action

- If this event is consistently logged for only one disk in an enclosure, perform the following actions:
 1. Replace the disk.
 2. If that does not resolve the problem, the fault is probably in the enclosure midplane. Replace the chassis FRU for the specified enclosure.
 - If this event is logged for more than one disk in an enclosure or disks in multiple enclosures, perform the following actions:
 1. Check for disconnected SAS cables in the bad path. If no cables are disconnected, replace the cable connecting to the ingress port in the most-upstream enclosure with reported failures. If that does not resolve the problem, replace other cables in the bad path, one at a time until the problem is resolved.
 2. Replace the expansion modules that are in the bad path. Begin with the most-upstream module that is in an enclosure with reported failures. If that does not resolve the problem, replace other expansion modules (and the controller module) upstream of the affected enclosure(s), one at a time until the problem is resolved.
 3. If that does not resolve the problem, the fault is probably in the enclosure midplane. Replace the chassis FRU of the most-upstream enclosure with reported failures. If that does not resolve the problem and there is more than one enclosure with reported failures, replace the chassis FRU of the other enclosures with reported failures until the problem is resolved.
- **FQXST0496W An unsupported disk type was found.**

Explanation

An unsupported disk type was found.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

No

User Action

Replace the disk with a supported type.

- **FQXST0501M The enclosure hardware is not compatible with the I/O module firmware. The Expander Controller firmware detected an incompatibility with the midplane type. As a preventive measure, disk access was disabled in the enclosure.**

Explanation

The enclosure hardware is not compatible with the I/O module firmware. The Expander Controller firmware detected an incompatibility with the midplane type. As a preventive measure, disk access was disabled in the enclosure.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the storage system to the latest firmware.

- **FQXST0502I The specified SSD has 20% or less of its life remaining.**

Explanation

This event will be logged again with a severity of warning as the SSD further approaches its end of life.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0502W The specified SSD has 5% or less of its life remaining.**

Explanation

This event will be logged again as the device approaches and reaches its end of life.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Be sure you have a spare SSD of the same type and capacity available.
2. If a spare is available, it is recommended to replace the SSD now.

- **FQXST0503I The Intelligent BackEnd Error Monitor (IBEEM) has discovered that continuous errors are being reported for the specified PHY. IBEEM logged this event after monitoring the PHY for 30 minutes.**

Explanation

The Intelligent BackEnd Error Monitor (IBEEM) has discovered that continuous errors are being reported for the specified PHY. IBEEM logged this event after monitoring the PHY for 30 minutes.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0504I Service debug access to the system was enabled or disabled by a user. Allowing service debug access might have security implications. After the diagnosis is complete you should disallow such access.**

Explanation

Service debug access to the system was enabled or disabled by a user. Allowing service debug access might have security implications. After the diagnosis is complete you should disallow such access.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0505W The specified virtual pool was created with a size smaller than 500 GB, which can lead to unpredictable behavior. The storage system might not perform correctly.**

Explanation

The specified virtual pool was created with a size smaller than 500 GB, which can lead to unpredictable behavior. The storage system might not perform correctly.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Add disk groups to the virtual pool to increase the size of the pool.

- **FQXST0506I The addition of the specified disk group started. When this operation is complete, event 467 is logged.**

Explanation

The addition of the specified disk group started. When this operation is complete, event 467 is logged.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0507I The link speed of the specified disk does not match the link speed capacity of the enclosure.**

Explanation

This event is logged when the auto-negotiated link speed is less than the maximum speed that the enclosure supports. The disk is functional, but I/O performance is reduced. This event may be logged for one disk channel or for both disk channels.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0508M The specified virtual pool went offline. All of its volumes also went offline.**

Explanation

All data in the virtual pool has been lost. This condition can be caused by corrupt or inaccessible virtual pool metadata.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Check for other events that indicate faults in the system and follow the recommended actions for those events.
2. Re-create the virtual pool.
3. Restore the data from a backup, if available.

- **FQXST0509M The metadata volume for the specified virtual pool went offline. Volume mappings and persistent reservations are inaccessible or lost.**

Explanation

The metadata volume for the specified virtual pool went offline. Volume mappings and persistent reservations are inaccessible or lost.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Check for other events that indicate faults in the system and follow the recommended actions for those events.
2. Create new mappings for the volumes. Persistent reservations will be restored by host systems automatically.

• **FQXST0510I The FDE lock key has been set or changed by a user.**

Explanation

The FDE lock key has been set or changed by a user.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

• **FQXST0511I The FDE import lock key has been set by a user.**

Explanation

This is normally used to import into the system an FDE disk that was locked by another system.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

• **FQXST0512I The system was set to the FDE secured state by a user.**

Explanation

Full Disk Encryption is now enabled. Disks removed from this system will not be readable unless they are imported into another system.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0513I The system was set to the FDE repurposed state by a user.**

Explanation

All disks have been repurposed and set to their initial factory states. FDE is no longer enabled on the system.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0514I The FDE lock key and import key were cleared by a user.**

Explanation

I/O operations might continue as long as the system is not restarted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0515I An FDE disk was repurposed by a user.**

Explanation

The disk was reset to its original factory state.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0516M An FDE disk was placed in the unavailable state.**

Explanation

The related event message 518, which indicates that a disk operation failed, might provide additional information.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

See the recommended action specified in the event message.

- **FQXST0517I A disk that was formerly in the FDE unavailable state is no longer unavailable. The disk was returned to normal operations.**

Explanation

A disk that was formerly in the FDE unavailable state is no longer unavailable. The disk was returned to normal operations.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0518M An FDE disk operation failed.**

Explanation

This event provides detail about the operation that failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

The disk might need to be removed, imported, repurposed, or replaced.

- **FQXST0521M An error occurred while accessing the midplane SEEPROM to store or fetch Full Disk Encryption keys. The midplane's memory is used to store the FDE lock key.**

Explanation

An error occurred while accessing the midplane SEEPROM to store or fetch Full Disk Encryption keys. The midplane's memory is used to store the FDE lock key.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

The midplane might need to be replaced if the error persists.

- **FQXST0522W A scrub-disk-group job encountered an error at the specified logical block address.**

Explanation

The event message always includes the disk group name and the logical block address of the error within that disk group. If the block with an error falls within the LBA range used by a volume, the event message also includes the volume name and the LBA within that volume.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Examine event 207 that was logged previously to this event. Follow the recommended actions for that event.

- **FQXST0523I This event provides additional details associated with a scrub-disk-group job, expanding on the information in event 206, 207, or 522.**

Explanation

This event provides additional details associated with a scrub-disk-group job, expanding on the information in event 206, 207, or 522.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0524M A temperature or voltage sensor reached a critical threshold.**

Explanation

A sensor monitored a temperature or voltage in the critical range. When the problem is resolved, event 47 is logged for the component that logged event 524. If the event refers to a disk sensor, disk behavior might be unpredictable in this temperature range. Check the event log to determine if more than one disk has reported this event. If multiple disks report this condition there could be a problem in the environment. If one disk reports this condition, there could be a problem in the environment or the disk has failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Check that the fans in the storage system are running.
2. Check that the ambient temperature is not too warm. The enclosure operating range is 5-40 °C (41°F-104°F).
3. Check for any obstructions to the air flow.
4. Check that there is a module or blank filler in every module slot in the enclosure.
5. Replace the disk or controller module that logged the error.

- **FQXST0527M Expander Controller (EC) firmware is incompatible with the enclosure.**

Explanation

As a preventative measure, the Expander Controller (EC) disabled all PHYs and reported the short enclosure status page in the supported diagnostic list.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Upgrade the controller module to the latest supported bundle version.

- **FQXST0528M Expander Controller firmware detected that the partner Expander Controller (EC) firmware is incompatible with the enclosure.**

Explanation

As a preventative measure, the Expander Controller (EC) disabled all PHYs and reported the short enclosure status page in the supported diagnostic list.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Upgrade the partner controller module to the latest supported bundle version.

- **FQXST0529M The local Expander Controller (EC) is incompatible with the enclosure.**

Explanation

As a preventative measure, the Expander Controller (EC) disabled all PHYs and reported the short enclosure status page in the supported diagnostic list.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Replace the controller module with one that is compatible with the enclosure.

- **FQXST0530M The local Expander Controller (EC) firmware detected a level of incompatibility with the partner Expander Controller (EC). This incompatibility could be due to unsupported hardware or firmware.**

Explanation

As a preventative measure, the local Expander Controller (EC) is holding the partner Expander Controller (EC) in a reset loop.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Remove the partner controller module from the enclosure. Boot the partner controller module in single-controller mode in a separate enclosure (without the controller module that reported this event). Load the latest compatible bundle version. If the version fails to load, replace the partner controller module.

- **FQXST0531M The specified controller module was unable to recover from a stall. The system will need to be recovered manually.**

Explanation

The specified controller module was unable to recover from a stall. The system will need to be recovered manually.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Download the debug logs from your storage system and contact technical support. A service technician can use the debug logs to determine the problem.

- **FQXST0531W The specified controller module detected a stall. The system will perform corrective actions.**

Explanation

The specified controller module detected a stall. The system will perform corrective actions.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

No action is required.

- **FQXST0533I This event provides details about the result of the MC test of the specified component.**

Explanation

This event provides details about the result of the MC test of the specified component.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0533M This event provides details about the result of the MC test of the specified component.**

Explanation

If the test succeeded, the message says the component is present and operational. If the test failed, the message says the component is unavailable.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

If the event indicates the test failed, replace the controller module that logged this event.

- **FQXST0545W A controller module is connected to a legacy enclosure midplane, resulting in degraded performance.**

Explanation

A controller module is connected to a legacy enclosure midplane, resulting in degraded performance.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

Yes

User Action

To achieve better performance, replace the enclosure's legacy chassis FRU with the latest version of the FRU.

- **FQXST0546M The controller that logged this event stopped the partner controller because it has an incompatible host port configuration.**

Explanation

The controller that logged this event stopped the partner controller because it has an incompatible host port configuration.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Replace the stopped controller module with a controller module that has the same host port configuration as the surviving controller module.

- **FQXST0548W Disk group reconstruction failed.**

Explanation

When a disk fails, reconstruction is performed using a spare disk. However, this operation failed. The event detail may say either of the following: Some of the data in the other disk(s) in the disk group is unreadable (uncorrectable media error), so part of the data cannot be reconstructed. The failure was

probably because the disk that was used as a replacement for the failed disk is also faulty, or because of a fault in the midplane of the enclosure that the disks are inserted into.

Severity

Warning

Serviceable with log

Yes

Automatically Notify Support

Yes

User Action

In the first case above, do the following:

1. If you do not have a backup copy of the data in the disk group, make a backup.
2. Note the configuration of the disk group, such as its size and host mappings.
3. Look for another event logged at approximately the same time that indicates a disk failure, such as event 8, 55, 58, or 412. Follow the recommended actions for that event.
4. Remove the disk group.
5. Re-add the disk group.
6. Restore the data from the backup.

In the second case above, do the following:

1. Look for another event logged at approximately the same time that indicates a disk failure, such as event 8, 55, 58, or 412. Follow the recommended actions for that event.
2. If the problem then recurs for the same slot, replace the chassis FRU.

- **FQXST0549C The specified controller module detected that it recovered from an internal processor fault.**

Explanation

The specified controller module detected that it recovered from an internal processor fault.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Replace the controller module.

- **FQXST0550C The read data path between the Storage Controller and the disk drives was detected to be unreliable. The Storage Controller took action to correct this.**

Explanation

The read data path between the Storage Controller and the disk drives was detected to be unreliable. The Storage Controller took action to correct this.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Replace the controller.

- **FQXST0551I A SES alert for a power supply in the specified enclosure has been resolved.**

Explanation

A SES alert for a power supply in the specified enclosure has been resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0551M An error condition was found for a power supply unit (PSU).**

Explanation

An EMP reported one of the following for a power supply unit (PSU): The PSU in an enclosure does not have power supplied to it or has a hardware failure. The PSU is running with corrupted firmware.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

If one of the PSUs in an enclosure does not have power supplied to it or has a hardware failure:

1. Check that the specified PSU is fully seated in its slot and that the PSU's latches are locked.
2. Check that each PSU has its switch turned on (if equipped with a switch).
3. Check that each power cable is firmly plugged into both the PSU and a functional electrical outlet.
4. If none of the above resolves the issue, the specified PSU has probably failed and should be replaced.

If a PSU is running with corrupted firmware:

1. The specified PSU has failed and should be replaced.

When the problem is resolved, an event with the same code will be logged with severity of Resolved .

- **FQXST0551W An EMP reported that a power supply unit (PSU) was uninstalled.**

Explanation

An EMP reported that a power supply unit (PSU) was uninstalled.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

Yes

User Action

1. Check that the specified PSU is in the specified enclosure.
2. If the PSU is not in the enclosure, install a PSU immediately.
3. If the PSU is in the enclosure, ensure that the power supply is fully seated in its slot and that its latch is locked.
4. If none of the above resolves the issue, the specified FRU has failed and should be replaced.

When the problem is resolved, an event with the same code will be logged with a severity of Resolved

- **FQXST0552M An EMP reported an alert condition. A hardware failure has been detected and all fans in the specified FRU have failed.**

Explanation

An EMP reported an alert condition. A hardware failure has been detected and all fans in the specified FRU have failed.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Inspect the system health information to determine which FRU contains the affected fans. The containing FRU will probably have an amber LED lit. Event 551 or 558 should give further information on the containing FRUs.
2. Replace the containing FRUs. When the problem is resolved, an event with the same code will be logged with Resolved severity.

- **FQXST0552W {{{An EMP reported one of the following: }}**

Explanation

An EMP reported one of the following: }

Severity

Warning

Serviceable with log

No

Automatically Notify Support

Yes

User Action

If a fan in the specified FRU has been uninstalled: }

- **FQXST0554I A SES alert for a voltage sensor in the specified enclosure was resolved.**

Explanation

A SES alert for a voltage sensor in the specified enclosure was resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0554W A voltage sensor is not within the normal operating range but is within safe operating limits; or, a voltage sensor was removed.**

Explanation

A voltage sensor is not within the normal operating range but is within safe operating limits; or, a voltage sensor was removed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

Yes

User Action

If a voltage sensor has exceeded the normal operating range but is within safe operating limits:

1. Check that all modules in the enclosure are fully seated in their slots and that their latches are locked.
2. If this does not resolve the issue, the specified FRU has probably failed and should be replaced.

If a voltage sensor has been removed:

1. Check that the specified FRU is in the specified enclosure.
2. If the FRU is not in the enclosure, install the FRU immediately.
3. If the FRU is in the enclosure, ensure that the FRU is fully seated in its slot and that its latches are locked.
4. If this does not resolve the issue, the specified FRU has probably failed and should be replaced.

When the problem is resolved, an event with the same code will be logged with a severity of Resolved.

- **FQXST0555I A SES alert for an expander in the specified enclosure has been resolved.**

Explanation

A SES alert for an expander in the specified enclosure has been resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0555M The local Expander Controller firmware has detected a level of incompatibility with the partner Expander Controller firmware or hardware. As a preventive measure, the local Expander Controller might disable all the PHYs.**

Explanation

The local Expander Controller firmware has detected a level of incompatibility with the partner Expander Controller firmware or hardware. As a preventive measure, the local Expander Controller might disable all the PHYs.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Check that both the Expander Controllers have the correct firmware revision.
2. If both Expander Controllers have different firmware versions, upgrade the partner controller module to the appropriate firmware that is compatible with the enclosure.
3. Replace the partner controller module.

When the problem is resolved, an event with the same code will be logged with severity of Resolved.

- **FQXST0555W An expander in a controller module, expansion module, or drawer is mated but is not responding; or, an expander in an expansion module has been removed.**

Explanation

An expander in a controller module, expansion module, or drawer is mated but is not responding; or, an expander in an expansion module has been removed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

Yes

User Action

1. Check that the specified FRU is in the specified enclosure.
 - If the FRU is not in the enclosure, install the appropriate FRU immediately.
 - If the FRU is in the enclosure, ensure that the FRU is fully seated in its slot and that its latches, if any, are locked.
2. Replace the specified FRU.

When the problem is resolved, an event with the same code will be logged with a severity of Resolved.

- **FQXST0556I A SES alert for an expander in the specified enclosure has been resolved.**

Explanation

A SES alert for an expander in the specified enclosure has been resolved.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0556W An expander in a controller module, expansion module, or drawer is mated but is not responding; or, an expander in an expansion module has been removed.**

Explanation

An expander in a controller module, expansion module, or drawer is mated but is not responding; or, an expander in an expansion module has been removed.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

Yes

User Action

1. Check that the specified FRU is in the specified enclosure.
 - If the FRU is not in the enclosure, install the appropriate FRU immediately.
 - If the FRU is in the enclosure, ensure that the FRU is fully seated in its slot and that its latches, if any, are locked.
2. Replace the specified FRU.

When the problem is resolved, an event with the same code will be logged with a severity of Resolved.

- **FQXST0557I An Enclosure Management Processor (EMP) reported an alert condition on a current sensor.**

Explanation

A SES alert condition was detected in a current sensor in the specified enclosure.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0557M An Enclosure Management Processor (EMP) reported an alert condition on a current sensor.**

Explanation

A hardware failure has been detected in a current sensor in the specified enclosure.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

1. Check that all modules in the enclosure are fully seated in their slots and that their latches are locked.

2. If this does not resolve the issue, the specified FRU has probably failed and should be replaced. The failed FRU will probably have an amber LED lit.

When the problem is resolved, an event with the same code will be logged with severity of Resolved.

- **FQXST0557W An Enclosure Management Processor (EMP) reported an alert condition on a current sensor.**

Explanation

A SES alert condition was detected in a current sensor in the specified enclosure.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

Yes

User Action

1. Check that all modules in the enclosure are fully seated in their slots and that their latches are locked.
2. If this does not resolve the issue, the specified FRU has probably failed and should be replaced. The failed FRU will probably have an amber LED lit.

When the problem is resolved, an event with the same code will be logged with severity of Resolved.

- **FQXST0562I Virtual pool statistics were reset.**

Explanation

Virtual pool statistics were reset.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0563I A disk was restarted.**

Explanation

A disk was restarted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0565W One of the PCIe buses is running at less than optimal speed.**

Explanation

This event is the result of a hardware problem that has caused the controller to run slower than expected. The system is operational, but I/O performance is degraded.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

Yes

User Action

Replace the controller module that logged this event.

- **FQXST0566I One of the DDR ports has been busy for at least 5 minutes.**

Explanation

This event is the result of speed compensation while handling short data blocks. The system is operational, but I/O performance is degraded.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0568I A disk group has mixed physical sector size disks (for example 512n and 512e disks in the same disk group).**

Explanation

This event is the result of a user selecting disks with sector formats that do not match, or selecting a global spare replacement with a different sector format than the disk group. This could result in degraded performance for some work loads.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0569I A previously detected SAS host port cable mismatch has been resolved for the specified port number. The proper cable type has been connected.**

Explanation

A previously detected SAS host port cable mismatch has been resolved for the specified port number. The proper cable type has been connected.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0569W A SAS host cable mismatch was detected for the specified port number. The specified alternate PHYs have been disabled.**

Explanation

For example, a fan-out cable is connected to a controller module host port, but the port is configured to use standard SAS cables, or vice versa.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

Yes

User Action

1. To use the connected cable, use the CLI set host-parameters command to configure ports to use the proper cable type.
 2. Otherwise, replace the cable with the type of cable that the port is configured to use. When the problem is resolved, an event with the same code will be logged with a severity of Resolved.
- **FQXST0571I Snapshot space exceeded either the low or medium snapshot space threshold.**

Explanation

The threshold settings are intended to indicate that the pool is using a significant portion of configured snapshot space and should be monitored. If the storage usage drops below any threshold, event 572 is logged.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0571M Snapshot space exceeded the configured percentage limit of the virtual pool.**

Explanation

If the snapshot space limit policy is set to delete snapshots, the system deletes snapshots according to the snapshot retention priority setting until the snapshot space usage drops below the configured limit. Otherwise, the system uses general pool space for snapshots until snapshots are manually deleted. If the storage usage drops below a threshold, event 572 is logged.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

- If the snapshot space limit policy is set to notify only, you should immediately take steps to reduce snapshot space usage or add storage capacity.
- If the snapshot space policy is set to delete, the system will reduce snapshot space automatically, or log event 573 if no snapshots can be deleted.

- **FQXST0571W Snapshot space exceeded the high snapshot space threshold.**

Explanation

The high threshold setting indicates that the pool is nearly out of snapshot space. The threshold settings are intended to indicate that the pool is using a significant portion of configured snapshot space and should be monitored. If the storage usage drops below any threshold, event 572 is logged.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Reduce the snapshot space usage by deleting snapshots that are no longer needed.

- **FQXST0572I The specified virtual pool dropped below one of its snapshot space thresholds.**

Explanation

This event indicates that a condition reported by event 571 is no longer applicable.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0573W Snapshot space for a virtual pool cannot be reduced because no snapshots can be deleted.**

Explanation

Snapshots cannot be deleted automatically if their retention priority is set to never-delete. Snapshots must also be at the leaf end of a snapshot tree to be considered for deletion. This event is logged when no snapshots in the pool pass these constraints.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Manually delete snapshots to reduce snapshot space.

- **FQXST0574I A peer connection was created.**

Explanation

A peer connection was created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0575I A peer connection was deleted.**

Explanation

A peer connection was deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0576I A replication set was created.**

Explanation

A replication set was created.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0577I A replication set was deleted.**

Explanation

A replication set was deleted.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0578I A replication started.**

Explanation

A replication started.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0579I A replication completed.**

Explanation

A replication completed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0580I A replication was stopped.**

Explanation

A replication was stopped.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0581I A replication was suspended.**

Explanation

A replication was suspended.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0584I A peer connection was modified.**

Explanation

A peer connection was modified.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0585I A replication set was modified.**

Explanation

A replication set was modified.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0586I A replication resumed.**

Explanation

A replication resumed.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0590M A disk group has been quarantined.**

Explanation

This condition resulted from a controller flush/restore failure.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

1. To restore the disk group, use the CLI dequarantine command to remove the disk group from quarantine. If more than one disk group is quarantined, you must individually remove each disk

group from quarantine, whether it is fault tolerant or not. When the disk group is removed from quarantine, the disk group will return to the state it was in before being quarantined. For example, if the disk group was reconstructing before being quarantined, the disk group will resume reconstructing where it stopped.

2. For a linear disk group, if you want to find where parity is incorrect, use the CLI scrub vdisk command with the fix parameter disabled. This step is optional and not required to fix data integrity issues. For a fault tolerant disk group, run either scrub disk-groups for a virtual disk group or scrub vdisk with the fix parameter enabled for a linear disk group. This step will make the parity consistent with the existing user data, and is required to fix data integrity issues.
3. For a reconstructing disk group, let reconstruction finish, then run either scrub disk-groups for a virtual disk group or scrub vdisk with the fix parameter enabled for a linear disk group. This step will make the parity consistent with the existing user data, and is required to fix data integrity issues.
4. Restore the data to the disk group from a backup copy.

- **FQXST0594I The specified disk in the specified disk group is missing and the disk group is quarantined.**

Explanation

In linear storage, any attempt to access volumes for a quarantined disk group from a host will fail. In virtual storage, all volumes in the pool will be forced read-only. If all of the disks become accessible, the disk group will be removed from quarantine automatically with a resulting status of FTOL. If enough disks become accessible to allow reading from and writing to the disk group, the disk group will be removed from quarantine automatically with a resulting status of FTDN or CRIT. If a spare disk is available, reconstruction will begin automatically. When the disk group has been removed from quarantine, event 173 is logged. For a more detailed discussion of dequarantine, see the WBI or CLI documentation.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXST0595I The specified disk in the specified disk group is missing and the disk group is quarantined.**

Explanation

The specified disk in the specified disk group is missing and the disk group is quarantined.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

Chapter 7. Events and alerts from rack switches

Lenovo XClarity Administrator reports information about all management-server and hardware-related events and alerts that are generated or collected by rack switches. These messages are listed in events or alerts log.

The following information is provided for each event message.

Event identifier

A string that uniquely identifies the event or class of events. This is a 12 or 14-character string in the following format.

FQXRS*ccnnns*

where:

- *cc* identifies the component where the event originated. Rack switch events use the following component IDs. For component IDs for other devices, see your managed device documentation.
 - **PW.** Power supply
 - **OS.** Operating system
 - **CA.** Components
 - **SC.** System credentials
- *nnn* identifies the specific message.
- *s* identifies the severity, as follows.
 - **I.** Information. No action is required
 - **F.** Warning. No action is required
 - **G.** Warning. Action can be deferred
 - **H.** Warning. Action can be deferred
 - **J.** Warning. Immediate action is required
 - **K.** Critical. Action can be deferred
 - **L.** Critical. Immediate action is required
 - **M.** Critical. Immediate action is required
 - **N.** Critical. Immediate action is required

Severity

An indication of the level of concern for the condition, as follows.

- **Informational.** The event was recorded for audit purposes. This is usually a user action or a change of states that is normal behavior.
- **Warning.** The event is not as severe as an error, but if possible, the condition should be corrected before it becomes an error. It might also be a condition that requires additional monitoring or maintenance.
- **Critical.** The event is a failure or critical condition that impairs service or an expected function.

Serviceable with log

An indication of whether an action (either by you or by Lenovo Support) is required to correct the problem.

Automatically Notify Support

An indication of whether a service ticket is opened automatically, and diagnostic files are transferred to the Lenovo Support Center for this event if Call Home is configured and enabled in XClarity Orchestrator or the resource managers.

User Action

The actions to perform to solve the event.

Perform the steps in the order shown until the problem is solved. If the problem is not resolved after performing all recommended actions, contact Lenovo Support.

List of Lenovo RackSwitch events

This section lists all Lenovo RackSwitch events that can be viewed in the XClarity Administrator event log or audit log.

- **FQXRSCA0003M Fan {0} has failed. Speed: {1} RPM**

Explanation

A fan has failed on the switch or has gone below the recommended fan speed of 500 RPM.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Most RackSwitch devices have hot-swappable fan modules. Determine which fan has failed and replace the fan module in which it is located. Refer to the specific RackSwitch Installation guide on how to replace fan modules. If the switch does not have hot swappable fan modules, call Customer Support.

- **FQXRSCA0004M Temperature sensor {0} is in the failure range. Temperature: {1} C**

Explanation

A temperature sensor has gone above the failure range threshold.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Make sure that the air circulation vents on the front, back, and sides of the switch are free from obstruction by cables, panels, rack frames, or other materials. Make sure that all cooling fans inside the switch are running. A fan module LED (rear panel) flashes if there is a failure of the fan. Log into the switch and show the system information for more details. Most likely, the switch has shut itself down to avoid damage due to overheating.

- **FQXRSCA0005G Temperature sensor {0} is in the warning range. Temperature: {1} C**

Explanation

A temperature sensor has gone above the warning range threshold.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Make sure that the air circulation vents on the front, back, and sides of the switch are free from obstruction by cables, panels, rack frames, or other materials. Make sure that all cooling fans inside the switch are running. A fan module LED (rear panel) flashes if there is a failure of the fan. Log into the switch and show the system information for more details.

- **FQXRSOS0002G A panic dump exists in flash**

Explanation

When a switch crashes, the cause might be from the failure of a process which results in a reload of the switch. Crash information is saved in the switch flash memory in a panic, or flash, dump file.

Severity

Warning

Serviceable with log

No

Automatically Notify Support

No

User Action

Log into the console of the switch to: review the system information; check the logging entries; or to show the panic dump content. Refer to the switch documentation and the troubleshooting technote.

- **FQXRSPW0001M Power supply {0} is off.**

Explanation

The power supply has failed or has been unplugged.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check to make sure the power supply is plugged into a power source and is operational.

- **FQXRSPW0002M Power supply {0} is absent.**

Explanation

The power supply is not present in the switch.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Check to make sure the power supply is installed in the switch.

- **FQXRSSC0006M Switch is managed with expired credentials.**

Explanation

The switch refuses access using current username and password.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the credentials using switch CLI and then update the stored credentials associated with this switch.

- **FQXRSSC0007I Switch is managed with factory default credentials.**

Explanation

Using the factory default username and password is a security risk and later versions of switch firmware might disallow access using these credentials.

Severity

Informational

Serviceable with log

No

Automatically Notify Support

No

User Action

Information only; no action is required.

- **FQXRSSC0008M Switch is managed with incorrect credentials.**

Explanation

The switch refuses access using current username and password.

Severity

Critical

Serviceable with log

No

Automatically Notify Support

No

User Action

Update the stored credentials associated with this switch, or change the switch credentials using the switch CLI.

List of switch SNMP trap events

This section lists the switch SNMP trap events that can be viewed in the Lenovo XClarity Administrator event log or audit log.

[Table 4 “SNMP traps in the event log for RackSwitch and Flex switches” on page 1265](#) lists SNMP traps from supported RackSwitch and Flex switches that can be included in the event log. Each SNMP trap ID is prefixed with the ID for the switch model.

[Table 5 “Events in the audit log for Flex switches” on page 1276](#) lists events from supported Flex switches that can be included in the audit log.

[Table 6 “SNMP traps in the event log for Lenovo ThinkSystem DB series switches” on page 1277](#) lists events from supported Lenovo ThinkSystem DB series switches that can be included in the event log. Note that some traps might be disabled on your switch. XClarity Administrator does not receive events for disabled traps. To determine which traps are enabled or disabled, run the following command on the switch:

snmpconfig --show mibcapability. To enable the traps, run the following command on the switch:
snmpconfig -set mibcapability.

Table 4. SNMP traps in the event log for RackSwitch and Flex switches

Trap ID	Severity	Automatically Notify Support	Message text and description
x.x.x.x.x.x.x.x.x.x.3.0.1	Error	Yes	Power supply ID: {0}, Name: {1}, State: {2} has failed. This trap signifies that a power supply has failed. Arguments: <ul style="list-style-type: none"> • {0}. The power supply ID • {1}. The power supply name • {2}. The power supply state
x.x.x.x.x.x.x.x.x.x.3.0.2	Informational	No	Power supply ID: {0}, Name: {1}, State: {2} has been restored. This trap signifies that a power supply has been restored. Arguments: <ul style="list-style-type: none"> • {0}. The power supply ID • {1}. The power supply name • {2}. The power supply state
x.x.x.x.x.x.x.x.x.x.3.0.3	Error	Yes	Fan ID: {0}, Name: {1}, State: {2}, Speed (RPM): {3} has failed. This trap signifies that a fan failure has been detected. Arguments: <ul style="list-style-type: none"> • {0}. The fan ID • {1}. The fan name • {2}. The fan state • {3}. The fan speed
x.x.x.x.x.x.x.x.x.x.3.0.4	Informational	No	Fan ID: {0}, Name: {1}, State: {2}, Speed (RPM): {3} has been fixed. This trap signifies that a fan failure has been fixed. Arguments: <ul style="list-style-type: none"> • {0}. The fan ID • {1}. The fan name • {2}. The fan state • {3}. The fan speed
x.x.x.x.x.x.x.x.x.x.3.0.5	Error	No	Temperature sensor ID: {0}, Name: {1}, State: {2}, Temperature: {3} Celsius has exceeded maximum safety limits. Threshold: {4}. This trap signifies that a temperature sensor has exceeded maximum safety limits. Arguments: <ul style="list-style-type: none"> • {0}. The temperature sensor ID • {1}. The temperature sensor name • {2}. The temperature sensor state • {3}. The temperature • {4}. The threshold limit

Table 4. SNMP traps in the event log for RackSwitch and Flex switches (continued)

Trap ID	Severity	Automatically Notify Support	Message text and description
x.x.x.x.x.x.x.x.x.x.3.0.6	Informational	No	<p>Temperature sensor ID: {0}, Name: {1}, State: {2}, Temperature: {3} Celsius has returned below the maximum safety limits. Threshold: {4}. This trap signifies that a temperature sensor has returned below maximum safety limits.</p> <p>Arguments:</p> <ul style="list-style-type: none"> • {0}. The temperature sensor ID • {1}. The temperature sensor name • {2}. The temperature sensor state • {3}. The temperature • {4}. The threshold limit
x.x.x.x.x.x.x.x.x.x.7.0.1	Error	Yes	<p>The primary power supply failed. This trap signifies that the primary power supply failed.</p>
x.x.x.x.x.x.x.x.x.x.7.0.2	Informational	No	<p>Gateway {1} is up. This trap signifies that the default gateway is alive.</p> <p>Arguments:</p> <ul style="list-style-type: none"> • {1}. The default gateway IP address.
x.x.x.x.x.x.x.x.x.x.7.0.3	Warning	No	<p>Gateway {1} is down. This trap signifies that the default gateway is down.</p> <p>Arguments:</p> <ul style="list-style-type: none"> • {1}. The default gateway IP address
x.x.x.x.x.x.x.x.x.x.7.0.4	Informational	No	<p>Default Gateway {1} is in service. This trap signifies that the default gateway is up and in service.</p> <p>Arguments:</p> <ul style="list-style-type: none"> • {1}. The default gateway IP address
x.x.x.x.x.x.x.x.x.x.7.0.5	Informational	No	<p>Default Gateway {1} is not in service. This trap signifies that the default gateway is alive but not in service.</p> <p>Arguments:</p> <ul style="list-style-type: none"> • {1}. The default gateway IP address.
x.x.x.x.x.x.x.x.x.x.7.0.16	Informational	No	<p>A VRRP routing device at index {0} with address {1} changed state to master. This trap indicates that the sending agent has transitioned to 'Master' state.</p> <p>Arguments:</p> <ul style="list-style-type: none"> • {0}. The gateway index • {1}. The IP address

Table 4. SNMP traps in the event log for RackSwitch and Flex switches (continued)

Trap ID	Severity	Automatically Notify Support	Message text and description
x.x.x.x.x.x.x.x.x.x.7.0.17	Informational	No	A VRRP routing device at index {0} with address {1} changed state to backup. This trap indicates that the sending agent has transitioned to 'Backup' state. Arguments: <ul style="list-style-type: none"> {0}. The gateway index {1}. The IP address
x.x.x.x.x.x.x.x.x.x.7.0.18	Error	No	A VRRP routing device at index {0} authentication failed. This trap signifies that a packet has been received from a router whose authentication key or authentication type conflicts with this router's authentication key or authentication type. Arguments: <ul style="list-style-type: none"> {0}. The gateway index.
x.x.x.x.x.x.x.x.x.x.7.0.19	Error	No	A user login failed. This trap signifies that someone failed to enter a valid username/password combination. swTrapDisplayString specifies whether the login attempt was from CONSOLE or TELNET. In case of TELNET login, it also specifies the IP address of the host from which the attempt was made.
x.x.x.x.x.x.x.x.x.x.7.0.22	Error	No	The actual temperature reading is above the warning temperature threshold. This trap signifies that the switch temperature has exceeded maximum safety limits.
x.x.x.x.x.x.x.x.x.x.7.0.24	Error	Yes	The fan failure has been detected. This trap signifies that the fan failure has been detected.
x.x.x.x.x.x.x.x.x.x.7.0.25	Informational	No	A user logged in to a device. This trap signifies that a user login has occurred.
x.x.x.x.x.x.x.x.x.x.7.0.27	Informational	No	A new configuration has been applied. This trap signifies that new configuration has been applied.
x.x.x.x.x.x.x.x.x.x.7.0.28	Informational	No	A new configuration has been saved. This trap signifies that new configuration has been saved.
x.x.x.x.x.x.x.x.x.x.7.0.29	Informational	No	The firmware has been downloaded successfully.
x.x.x.x.x.x.x.x.x.x.7.0.30	Warning	No	The firmware download failed. This trap signifies that firmware download failed to [image1 image2 boot image].
x.x.x.x.x.x.x.x.x.x.7.0.33	Error	No	The fan failure has been fixed. This trap signifies that the fan failure has been fixed.

Table 4. SNMP traps in the event log for RackSwitch and Flex switches (continued)

Trap ID	Severity	Automatically Notify Support	Message text and description
x.x.x.x.x.x.x.x.x.x.7.0.42	Informational	No	NewRoot: The sending agent at index {0} has become the new root of the Spanning Tree This trap signifies that the bridge has become the new root of the STG. Arguments: • {0}. The gateway index
x.x.x.x.x.x.x.x.x.x.7.0.43	Informational	No	NewRoot: The sending agent has become CIST - common and internal spanning tree New Root. This trap signifies that the bridge has become the new root of the CIST.
x.x.x.x.x.x.x.x.x.x.7.0.44	Informational	No	There was an STG topology change at index {0}. This trap signifies that there was an STG topology change. Arguments: • {0}. The gateway index
x.x.x.x.x.x.x.x.x.x.7.0.45	Informational	No	TopologyChange: CIST - common and internal spanning tree Topology Changed. This trap signifies that there was a CIST topology change.
x.x.x.x.x.x.x.x.x.x.7.0.46	Informational	No	The Master interface is active. This trap signifies that the Master interface is active.
x.x.x.x.x.x.x.x.x.x.7.0.47	Informational	No	The Master interface is not active. This trap signifies that the Master interface is not active.
x.x.x.x.x.x.x.x.x.x.7.0.48	Informational	No	The Backup interface is active. This trap signifies that the Backup interface is active.
x.x.x.x.x.x.x.x.x.x.7.0.49	Informational	No	The Backup interface is not active. This trap signifies that the Backup interface is not active.
x.x.x.x.x.x.x.x.x.x.7.0.50	Informational	No	There are no active interfaces at device. This trap signifies that there are no active interfaces.
x.x.x.x.x.x.x.x.x.x.7.0.51	Informational	No	SFP (small form-factor pluggable transceiver) is inserted.
x.x.x.x.x.x.x.x.x.x.7.0.52	Informational	No	SFP (small form-factor pluggable transceiver) is removed.
x.x.x.x.x.x.x.x.x.x.7.0.61	Warning	No	Primary or secondary Network Time Protocol (NTP) server cannot be contacted.
x.x.x.x.x.x.x.x.x.x.7.0.62	Informational	No	Received Network Time Protocol (NTP) update. This trap is sent when received NTP update.
x.x.x.x.x.x.x.x.x.x.7.0.63	Informational	No	A user logged out of a device. This trap signifies that a user logout has occurred.

Table 4. SNMP traps in the event log for RackSwitch and Flex switches (continued)

Trap ID	Severity	Automatically Notify Support	Message text and description
x.x.x.x.x.x.x.x.x.x.7.0.64	Informational	No	Port state is changed to blocking state.
x.x.x.x.x.x.x.x.x.x.7.0.65	Informational	No	ECMP gateway is up. This trap signifies that the ECMP gateway is up.
x.x.x.x.x.x.x.x.x.x.7.0.66	Warning	No	ECMP gateway is down. This trap signifies that the ECMP gateway is down.
x.x.x.x.x.x.x.x.x.x.7.0.67	Informational	No	A swTeamingCtrlUp trap signifies that the teaming is up. This trap signifies that the teaming is up.
x.x.x.x.x.x.x.x.x.x.7.0.68	Warning	No	A swTeamingCtrlDown trap signifies that the teaming control is down. This trap signifies that the teaming control is down.
x.x.x.x.x.x.x.x.x.x.7.0.69	Warning	No	A swTeamingCtrlDownTearDownBlked trap signifies that the teaming control is down but teardown is blocked. This trap signifies that the teaming control is down but teardown is blocked.
x.x.x.x.x.x.x.x.x.x.7.0.70	Warning	No	A swTeamingCtrlError trap signifies error, action is undefined. This trap signifies error, action is undefined.
x.x.x.x.x.x.x.x.x.x.7.0.71	Warning	No	LACP is operationally down and traffic is blocked on the port. This trap signifies that LACP is operationally down on a port, and traffic is blocked on the port.
x.x.x.x.x.x.x.x.x.x.7.0.72	Informational	No	LACP is operationally up and traffic is no longer blocked on the port. This trap signifies that LACP is operationally up on a port, and traffic is no longer blocked on the port.
x.x.x.x.x.x.x.x.x.x.7.0.73	Informational	No	A new switch has attached to the stack. This trap signifies that a new switch has attached to the stack.
x.x.x.x.x.x.x.x.x.x.7.0.74	Informational	No	A switch has detached from the stack. This trap signifies that a new switch has detached from the stack.
x.x.x.x.x.x.x.x.x.x.7.0.75	Informational	No	A new backup switch for a stack has been set. This trap signifies that a new backup has been set.
x.x.x.x.x.x.x.x.x.x.7.0.76	Warning	No	The backup switch has been made unavailable. This trap signifies that the backup switch has been made unavailable.
x.x.x.x.x.x.x.x.x.x.7.0.77	Informational	No	A virtual machine has moved from a port to another. This trap signifies that a virtual machine has moved from a port to another.

Table 4. SNMP traps in the event log for RackSwitch and Flex switches (continued)

Trap ID	Severity	Automatically Notify Support	Message text and description
x.x.x.x.x.x.x.x.x.x.7.0.78	Informational	No	An advance provisioned virtual machine came online. This trap signifies that an advance provisioned virtual machine has come online.
x.x.x.x.x.x.x.x.x.x.7.0.79	Informational	No	A virtual machine has entered into a VLAN, or changed the VLAN. This trap signifies that a virtual machine has entered into a vlan, or changed the vlan.
x.x.x.x.x.x.x.x.x.x.7.0.80	Informational	No	The switch has become master after init. This trap signifies that the switch has become master after init.
x.x.x.x.x.x.x.x.x.x.7.0.81	Informational	No	The switch in a stack has become master from backup. This trap signifies that the switch has become master from backup.
x.x.x.x.x.x.x.x.x.x.7.0.82	Informational	No	A new switch with duplicate UUID/bay has tried to join the stack. This trap signifies that a new switch with duplicate UUID/bay has tried to join the stack.
x.x.x.x.x.x.x.x.x.x.7.0.83	Informational	No	A stack link is up. This trap signifies that a stack link has become up.
x.x.x.x.x.x.x.x.x.x.7.0.84	Warning	No	A stack link is down. This trap signifies that a stack link has become down.
x.x.x.x.x.x.x.x.x.x.7.0.85	Warning	No	The transfer between the master and a member has terminated with error. This trap signifies that a transfer between the master and a member has terminated with error.
x.x.x.x.x.x.x.x.x.x.7.0.86	Informational	No	The transfer between the master and a member has terminated with no error. This trap signifies that a transfer between the master and a member has terminated with no errors.
x.x.x.x.x.x.x.x.x.x.7.0.87	Informational	No	A new switch of different type has attempted to join the stack. This trap signifies that a new switch of different type has attempted to join the stack.
x.x.x.x.x.x.x.x.x.x.7.0.88	Warning	No	The slot of the boot image of a newly attached switch does not match that of the master. This trap signifies that the slot of the boot image of a newly attached switch does not match that of the master.
x.x.x.x.x.x.x.x.x.x.7.0.89	Warning	No	The version of the boot image of a newly attached switch does not match that of the master. This trap signifies that the version of the boot image of a newly attached switch does not match that of the master.

Table 4. SNMP traps in the event log for RackSwitch and Flex switches (continued)

Trap ID	Severity	Automatically Notify Support	Message text and description
x.x.x.x.x.x.x.x.x.x.7.0.90	Warning	No	A new switch in a chassis of different and incompatible type has attempted to join the stack. This trap signifies that a new switch in a chassis of different and incompatible type has attempted to join the stack.
x.x.x.x.x.x.x.x.x.x.7.0.91	Warning	No	A new switch in a BCS chassis in bay with different and incompatible port mapping has attempted to join the stack.
x.x.x.x.x.x.x.x.x.x.7.0.92	Informational	No	The booted config of a newly attached switch does not match that of the master. This trap signifies that the booted config of a newly attached switch does not match that of the master.
x.x.x.x.x.x.x.x.x.x.7.0.93	Informational	No	A switch which was configured as a master in NVRAM has attached to the stack. This trap signifies that a switch which was configured as a master in NVRAM has attached to the stack.
x.x.x.x.x.x.x.x.x.x.7.0.94	Informational	No	The master has sent a FORCE DETACH message to a member. This trap signifies that the master has sent a FORCE DETACH message to a member.
x.x.x.x.x.x.x.x.x.x.7.0.95	Informational	No	The switch temperature has returned below maximum safety limits. This trap signifies that the switch temperature has returned below maximum safety limits.
x.x.x.x.x.x.x.x.x.x.7.0.97	Error	No	The primary power supply has been restored. This trap signifies that the primary power supply has been restored.
x.x.x.x.x.x.x.x.x.x.7.0.103	Informational	No	A port is error-disabled due to excessive link flaps. This trap signifies that a port is error-disabled due to excessive link flaps.
x.x.x.x.x.x.x.x.x.x.7.0.106	Informational	No	vLAG instance is up. This trap signifies that vLAG instance is up identified in the trap message.
x.x.x.x.x.x.x.x.x.x.7.0.107	Informational	No	vLAG is down but remote instance is up. This trap signifies that vLAG is down but remote instance is Up.
x.x.x.x.x.x.x.x.x.x.7.0.108	Informational	No	vLAG is down but local instance is up. This trap signifies that vLAG is down but local instance is Up.
x.x.x.x.x.x.x.x.x.x.7.0.109	Informational	No	vLAG instance is down. This trap signifies that vLAG instance is down identified in the trap message.
x.x.x.x.x.x.x.x.x.x.7.0.110	Informational	No	The connection between vLAG switches is up. This trap signifies that connection between vLAG switches is up.

Table 4. SNMP traps in the event log for RackSwitch and Flex switches (continued)

Trap ID	Severity	Automatically Notify Support	Message text and description
x.x.x.x.x.x.x.x.x.x.7.0.111	Informational	No	The connection between vLAG switches is down. This trap signifies that connection between vLAG switches is down.
x.x.x.x.x.x.x.x.x.x.7.0.112	Informational	No	A spoofed VM MAC was found. This trap signifies that a spoofed VM MAC was found.
x.x.x.x.x.x.x.x.x.x.7.0.144	Warning	No	The connection to openflow controller is broken. This trap signifies that the connection to openflow controller is broken.
x.x.x.x.x.x.x.x.x.x.7.0.145	Informational	No	The connection to openflow controller is successful. This trap signifies that the connection to openflow controller is successful.
x.x.x.x.x.x.x.x.x.x.7.0.146	Warning	No	The openflow switch moving to emergency state. This trap signifies that the openflow switch moving to emergency state.
x.x.x.x.x.x.x.x.x.x.7.0.147	Informational	No	The openflow switch came out of emergency state. This trap signifies that the openflow switch came out of emergency state.
x.x.x.x.x.x.x.x.x.x.7.0.148	Informational	No	The device is working in openflow switch mode. This trap signifies that the device working in openflow switch mode.
x.x.x.x.x.x.x.x.x.x.7.0.149	Informational	No	The device is in normal mode. This trap signifies that the device working in normal switch mode.
x.x.x.x.x.x.x.x.x.x.7.0.150	Informational	No	The flow table entries cleared from the device table. This trap signifies that the flow table entries being cleared from the device.
x.x.x.x.x.x.x.x.x.x.7.0.151	Informational	No	Openflow statistics being cleared from the device. This trap signifies that the openflow statistics being cleared from the device.
x.x.x.x.x.x.x.x.x.x.7.0.152	Warning	No	The device unable to add flow entry in openflow due to unavailability of system resources. This trap signifies that the device unable to add flow entry in openflow due to unavailability of system resources.
x.x.x.x.x.x.x.x.x.x.7.0.153	Informational	No	The device reached its configured flow limit. This trap signifies that the device reaches its configured flow limit.
x.x.x.x.x.x.x.x.x.x.7.0.154	Informational	No	The port operationally down by openflow controller. This trap signifies that the port operationally down by openflow controller.

Table 4. SNMP traps in the event log for RackSwitch and Flex switches (continued)

Trap ID	Severity	Automatically Notify Support	Message text and description
x.x.x.x.x.x.x.x.x.x.7.0.155	Informational	No	The port operationally up by openflow controller. This trap signifies that the port operationally up by openflow controller.
x.x.x.x.x.x.x.x.x.x.7.0.156	Warning	No	The device unable to connect to controller Openflow due to bad versions, or negotiation failure. This trap signifies that the device unable to connect to controller either due to bad version, or negotiation/hello failure.
x.x.x.x.x.x.x.x.x.x.7.0.158	Informational	No	Dot1x feature is enabled. This trap is sent when dot1x feature is enabled.
x.x.x.x.x.x.x.x.x.x.7.0.162	Informational	No	Default admin account has been disabled. This trap signifies that default admin account has been disabled.
x.x.x.x.x.x.x.x.x.x.7.0.163	Informational	No	The configured password does not match strong password complexity. This trap signifies that configured password does not match strong password complexity.
x.x.x.x.x.x.x.x.x.x.7.0.164	Informational	No	An account has been locked. This trap signifies that account has been unlocked.
x.x.x.x.x.x.x.x.x.x.7.0.165	Informational	No	An account has been unlocked. This trap signifies that account has been unlocked.
x.x.x.x.x.x.x.x.x.x.7.0.166	Informational	No	A Stack Member is reinitializing itself such that the agent configuration nor the protocol entity implementation is altered. This trap signifies that a Stack Member is reinitializing itself such that the agent configuration nor the protocol entity implementation is altered.
x.x.x.x.x.x.x.x.x.x.7.0.167	Informational	No	A Stack Member is reinitializing itself such that the agent configuration nor the protocol entity implementation is altered. This trap signifies that a Stack Member is reinitializing itself such that the agent configuration nor the protocol entity implementation is altered.
x.x.x.x.x.x.x.x.x.x.7.0.173	Informational	No	When SNMP requests are blocked, a trap is sent showing the blocked up. This trap is sent when SNMP requests are blocked, a trap is sent showing the blocked IP.
x.x.x.x.x.x.x.x.x.x.7.0.178	Informational	No	ARP Table is full. This trap signifies that ARP table is full.
x.x.x.x.x.x.x.x.x.x.7.0.184	Informational	No	ARP table is full. This trap signifies that ARP table is full.

Table 4. SNMP traps in the event log for RackSwitch and Flex switches (continued)

Trap ID	Severity	Automatically Notify Support	Message text and description
x.x.x.x.x.x.x.x.x.x.7.0.185	Informational	No	An incorrect ARP was received. This trap signifies that an incorrect ARP was received.
x.x.x.x.x.x.x.x.x.x.7.1000.0	Informational	No	A user login failed. This trap signifies that someone failed to enter a valid user name and password combination. This trap specifies whether the login attempt was from CONSOLE or TELNET. In case of TELNET login, it also specifies the IP address of the host from which the attempt was made.
1.0.8802.1.1.2.1.5.6945.0.1	Warning	No	An error occurs with DCBX control on port {0} and there is no other trap defined for the specific error condition. Arguments: • {0}. The port number
1.0.8802.1.1.2.1.5.6945.0.2	Warning	No	An error has occurred during the configuration exchange with the peer. lldpXdcbxFeatError is true and there is no other trap defined for the specific error condition.
1.0.8802.1.1.2.1.5.6945.0.3	Informational	No	Multiple LLDP neighbors are detected on port {0}. Arguments: • {0}. The port number.
1.0.8802.1.1.2.1.5.6945.0.3	Informational	No	Multiple LLDP neighbors are detected on port {0}. Arguments: • {0}. The port number
1.0.8802.1.1.2.1.5.6945.0.4	Warning	No	The LLDP transmit has been disabled on port {0}. Arguments: • {0}. The port number
1.0.8802.1.1.2.1.5.6945.0.5	Warning	No	The LLDP receive has been disabled on port {0}. Arguments: • {0}. The port number
1.0.8802.1.1.2.1.5.6945.0.6	Informational	No	A duplicate control Sub-TLV is detected on port {0}. Arguments: • {0}. The port number
1.0.8802.1.1.2.1.5.6945.0.7	Informational	No	A duplicate feature {0} Sub-TLV is detected. Arguments: • {0}. The feature type.
1.0.8802.1.1.2.1.5.6945.0.8	Informational	No	Feature type {0} is not supported on by a peer. Arguments: • {0}. The feature type
1.0.8802.1.1.2.1.5.6945.0.9	Warning	No	The peer has stopped responding, port number {0}. The peer has stopped responding as evidenced by an LLDP time-out event. Arguments: • {0}. The port number

Table 4. SNMP traps in the event log for RackSwitch and Flex switches (continued)

Trap ID	Severity	Automatically Notify Support	Message text and description
1.0.8802.1.1.2.1.5.6945.0.10	Warning	No	The configuration received from peer results into partial or complete mismatch on port {0} snmp_dot1dStpVersion=The version of Spanning Tree Protocol the bridge is running. Arguments: • {0}. The port number
1.3.6.1.2.1.17.0.1	Informational	No	NewRoot: The sending agent has become the new root of the Spanning Tree.
1.3.6.1.2.1.17.0.2	Informational	No	TopologyChange: Is sent by a bridge when any of its configured ports change from the Learning state to the Forwarding state, or from the Forwarding state to the Blocking state.
1.3.6.1.2.1.17.1.1.0	Informational	No	The MAC address used by this bridge when it must be referred to in a unique fashion.
1.3.6.1.2.1.17.2.5.0	Informational	No	The bridge identifier of the root of the spanning tree as determined by the Spanning Tree Protocol as run by this node.
1.3.6.1.2.1.17.11.1.1.16.0	Informational		The version of Spanning Tree Protocol the bridge is running.
1.3.6.1.2.1.47.2.0.1	Informational	No	A change in the Entity tables has taken place. This trap occurs at the time a conceptual row is created, modified, or deleted in any of these tables: entPhysicalTable, entLogicalTable, entLPMMappingTable, entAliasMappingTable, entPhysicalContainsTable.
1.3.6.1.6.3.1.1.5.1	Informational	No	The SNMP entity, supporting a notification originator application, is reinitializing itself and that its configuration might have been altered.
1.3.6.1.6.3.1.1.5.2	Informational	No	The SNMP entity, supporting a notification originator application, is reinitializing itself and that its configuration is not altered.
1.3.6.1.6.3.1.1.5.3	Warning	No	A failure in one of the communication link with ifIndex {0}. Arguments: • {0}. The ifIndex of the port
1.3.6.1.6.3.1.1.5.4	Informational	No	The communication link with ifIndex {0} is up. Arguments: • {0}. The ifIndex of the port
1.3.6.1.6.3.1.1.5.5	Warning	No	The sending protocol entity is the addressee of a protocol message that is not properly authenticated.
1.3.6.1.6.3.1.1.5.6	Warning	No	An EGP neighbor {0} for whom the sending protocol entity was an EGP peer has been marked down and the peer relationship no longer obtains. Arguments: • {0}. The EGP neighbor

Table 5. Events in the audit log for Flex switches

Event ID	Message text and description
1.3.6.1.4.1.2.6.249.0.1	AUDIT_LOGIN User login/logout activity. Triggered when user login/logout with telnet/ssh/http/https/SNMPv1/SNMPv3.
1.3.6.1.4.1.2.6.249.0.1	AUDIT_PASSWD User passwords modify. Triggered when the local login user password has been modified.
1.3.6.1.4.1.2.6.249.0.1	AUDIT_USER Create user, role change Triggered when new local user created or local user privilege changed.
1.3.6.1.4.1.2.6.249.0.1	AUDIT_CONFIG Configuration change. When the switch configuration changed by an operation manually, a corresponding audit event is generated.
1.3.6.1.4.1.2.6.249.0.1	AUDIT_AUTH When authentication failed in a protocol (such as NTP, BGP, or VRRP) that might affect running business in security perspective, a corresponding audit log event is generated.
1.3.6.1.4.1.2.6.249.0.1	AUDIT_RESOURCE When hardware resource (like memory, CPU, flash) or software resource (such as ARP table, IP route table, or OSPF route table) reach the capacity limitation, corresponding audit log event is generated.
1.3.6.1.4.1.2.6.249.0.1	AUDIT_CLEAR Triggered when audit log cleared by privileged login user or SNMPv3 user.
1.3.6.1.4.1.2.6.249.0.1	AUDIT_SNMPV3_TEST Triggered for test purpose to verify the path after audit log SNMPv3 account is configured.
1.3.6.1.4.1.2.6.249.0.1	(Lenovo Flex switch only) AUDIT_LENOVO_L3_LINK Layer three link status change which might affect running business in security perspective like default gateway change or up/down status change.

Table 6. SNMP traps in the event log for Lenovo ThinkSystem DB series switches

Trap ID	Severity	Automatically Notify Support	Message text and description
1.3.6.1.2.1.160.0.1	Informational	No	<p>The Zone Server has rejected the request.</p> <p>This notification is generated whenever a Zone Server (indicated by the value of t11FamLocalSwitchWwn) rejects a request. The value of t11ZsRejectCtCommandString indicates the rejected request, and the values of t11ZsRejectReasonCode, t11ZsRejectReasonCodeExp and t11ZsRejectReasonVendorCode indicate the reason for the rejection. The value of t11ZsRequestClient indicates the source of the request.</p>
1.3.6.1.2.1.160.0.2	Informational	No	<p>A Zone merge failure has occurred on the Fabric.</p> <p>This notification indicates that a Zone merge failure has occurred on the Fabric indicated by the value of t11ZsFabricIndex, on the interface indicated by the value of ifIndex. If multiple Virtual Fabrics are configured on an interface, and all have a Zone merge failure at the same time, then just one notification is generated and t11ZsFabricIndex has the value 4096.</p>
1.3.6.1.2.1.160.0.3	Informational	No	<p>A successful Zone merge has occurred on the Fabric.</p> <p>This notification indicates that a successful Zone merge has occurred on the Fabric indicated by the value of t11ZsFabricIndex, on the interface indicated by the value of ifIndex. If multiple Virtual Fabrics are configured on an interface, and all have a successful Zone Merge at the same time, then just one notification is generated and t11ZsFabricIndex has the value 4096.</p>
1.3.6.1.2.1.160.0.4	Informational	No	<p>The value of a Default Zone Setting has changed.</p> <p>This notification indicates that the value of a Default Zone Setting has changed. The value of t11ZsServerDefaultZoneSetting contains the value after the change.</p>
1.3.6.1.2.1.160.0.5	Informational	No	<p>A Zone Set on a Fabric has been activated / deactivated.</p> <p>This notification is generated whenever a switch (indicated by the value of t11FamLocalSwitchWwn) activates/deactivates a Zone Set on a Fabric. The t11ZsActivateResult object denotes the outcome of the activation/ deactivation.</p>
1.3.6.1.3.94.0.1	Informational	No	<p>The overall status of the unit status has changed.</p> <p>Generated when connUnitStatus changes.</p>

Table 6. SNMP traps in the event log for Lenovo ThinkSystem DB series switches (continued)

Trap ID	Severity	Automatically Notify Support	Message text and description
1.3.6.1.3.94.0.4	Informational	No	An event has been generated by the connectivity unit.
1.3.6.1.3.94.0.6	Informational	No	The overall status of the connectivity unit changed. This trap sends the instance of connUnitPortName as part of the trap; the instance string is NULL, if the port name is not defined for the specified port.
1.3.6.1.4.1.1588.2.1.1.1.0.3	Informational	No	Port Index {0}. changed state to {1}. Port Name: {2} and SSN is # {3} A swFCPortScn (3) is generated whenever an FC port changes its operational state or port type. Arguments: <ul style="list-style-type: none"> • {0}. Port number • {1}. Port state • {2}. Port name • {2}. Switch serial number
1.3.6.1.4.1.1588.2.1.1.1.0.4	Informational	No	Event with index {0} (severity level {0}) and description: {2} occurred on the switch. This trap is generated when an event occurs with a level that is at or below swEventTrapLevel Arguments: <ul style="list-style-type: none"> • {0}. Event index • {1}. security level • {2}. Event description
1.3.6.1.4.1.1588.2.1.1.1.0.7	Informational	No	An IPv6 address status change occurred. This trap is generated when an IPv6 address status change event occurs. It is generated only when the IPv6 stateless state changes to the deprecation state and not for address change notification.
1.3.6.1.4.1.1588.2.1.1.1.0.8	Informational	No	A partition manager change happened. This trap is generated when any partition manager change happens. This trap is generated when: <ul style="list-style-type: none"> • Logical switch is created or deleted. • Port is moved between logical switches. • Switch FID changes. • When any logical switch is changed to a base switch. • VF is enabled or disabled.

Table 6. SNMP traps in the event log for Lenovo ThinkSystem DB series switches (continued)

Trap ID	Severity	Automatically Notify Support	Message text and description
1.3.6.1.4.1.1588.2.1.1.1.0.9	Informational	No	<p>The fabric has been reconfigured</p> <p>The trap to be sent for tracking fabric reconfiguration. This trap is generated under the following circumstances:</p> <ul style="list-style-type: none"> • Two switches with the same domain ID have connected to one another. • Two fabrics have joined. • An E_Port has gone offline. • A principal link has segmented from the fabric. • Zone has conflicts. • Domain has conflicts. • Segmentation of the principal link between two switches. • Incompatible link parameters. During E_Port initialization, ports exchange link parameters. Rarely, incompatible parameters result in segmentation
1.3.6.1.4.1.1588.2.1.1.1.0.10	Informational	No	<p>The segmentation has changed.</p> <p>The trap to be sent for tracking segmentation changes.</p>
1.3.6.1.4.1.1588.2.1.1.1.0.12	Informational	No	<p>The state of the switch has changed. The switch is offline.</p> <p>This trap is sent when the switch changes its state to online or offline.</p>
1.3.6.1.4.1.1588.2.1.1.1.0.13	Informational	No	<p>The ports have been moved from a switch to another.</p> <p>This trap is sent when the ports are moved from one switch to another.</p>
1.3.6.1.4.1.1588.2.1.1.1.0.14	Informational	No	<p>An event has occurred on the switch</p> <p>This trap is sent for one of the following events:</p> <ul style="list-style-type: none"> • Fabric change • Device change • FAPWWN change • FDMI events • Routing policy change • Diagnostics port configuration change • Polling status • Dynamic port name change • Dynamic port name feature enable/disable event
1.3.6.1.4.1.1588.2.1.1.1.0.15	Informational	No	<p>A login /logout has occurred on the switch.</p> <p>This trap is sent whenever a device logs in or logs out.</p>

Table 6. SNMP traps in the event log for Lenovo ThinkSystem DB series switches (continued)

Trap ID	Severity	Automatically Notify Support	Message text and description
1.3.6.1.4.1.1588.2.1.1.1.0.16	Informational	No	There is a change in local zone database This trap is sent whenever there is change in local zone database.
1.3.6.1.4.1.1588.2.1.1.50.21.0.1	Informational	No	A device registered with the switch
1.3.6.1.4.1.1588.2.1.1.50.21.0.2	Informational	No	A device deregistered with the switch.
1.3.6.1.4.1.1588.2.1.1.50.21.0.3	Informational	No	A listener for a link failure incident was added.
1.3.6.1.4.1.1588.2.1.1.50.21.0.4	Informational	No	A listener for a link failure incident was removed.
1.3.6.1.4.1.1588.2.1.1.50.21.0.5	Informational	No	A link failure incident has occurred. A link failure incident has occurred. The value of IRRIndex will be -2147483647 and IRRListenerPID will be 0 if there is no listener for the incident
1.3.6.1.4.1.1588.2.1.2.2.0.1	Informational	No	The FRU status has changed. This trap is generated under the following events: <ul style="list-style-type: none"> • When the FRU is added, is removed, or fails • When the FRU is powered on or off • When the switch is rebooted • When there is a fault in the blade
1.3.6.1.4.1.1588.2.1.2.2.0.2	Informational	No	The status of CP has changed. This trap is sent when the status of any CP object changes. The cpLastEvent variable provides the information about the event that occurred. Some of the triggers that generate this trap are: <ul style="list-style-type: none"> • Reboot • Firmware download • Fast boot • HA failover
1.3.6.1.4.1.1588.2.1.2.2.0.3	Informational	No	A FRU has been added, removed or fails. This trap is generated when an FRU is added, is removed, or fails.
1.3.6.1.4.1.1588.3.1.4.0.1	Informational	No	A MAPS threshold event has occurred. This trap is sent for MAPS threshold events..
1.3.6.1.4.1.1588.3.1.4.0.2	Informational	No	Quiet Time expiration for MAPS has been reached. This trap is sent for MAPS upon quiet time (QT) expiration.
1.3.6.1.6.3.1.1.5.1	Informational	No	The SNMP entity, supporting a notification originator application, is reinitializing itself and that its configuration might have been altered.

Table 6. SNMP traps in the event log for Lenovo ThinkSystem DB series switches (continued)

Trap ID	Severity	Automatically Notify Support	Message text and description
1.3.6.1.6.3.1.1.5.2	Informational	No	The SNMP entity, supporting a notification originator application, is reinitializing itself and that its configuration is not altered.
1.3.6.1.6.3.1.1.5.3	Warning	No	A failure in one of the communication link with ifIndex {0}. Arguments: <ul style="list-style-type: none"> {0}. The ifIndex of the port
1.3.6.1.6.3.1.1.5.4	Informational	No	The communication link with ifIndex {0} is up. Arguments: <ul style="list-style-type: none"> {0}. The ifIndex of the port

Notices

Lenovo may not offer the products, services, or features discussed in this document in all countries. Consult your local Lenovo representative for information on the products and services currently available in your area.

Any reference to a Lenovo product, program, or service is not intended to state or imply that only that Lenovo product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any Lenovo intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any other product, program, or service.

Lenovo may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document is not an offer and does not provide a license under any patents or patent applications. You can send inquiries in writing to the following:

*Lenovo (United States), Inc.
1009 Think Place
Morrisville, NC 27560
U.S.A.
Attention: Lenovo VP of Intellectual Property*

LENOVO PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. Lenovo may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

The products described in this document are not intended for use in implantation or other life support applications where malfunction may result in injury or death to persons. The information contained in this document does not affect or change Lenovo product specifications or warranties. Nothing in this document shall operate as an express or implied license or indemnity under the intellectual property rights of Lenovo or third parties. All information contained in this document was obtained in specific environments and is presented as an illustration. The result obtained in other operating environments may vary.

Lenovo may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.

Any references in this publication to non-Lenovo Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this Lenovo product, and use of those Web sites is at your own risk.

Any performance data contained herein was determined in a controlled environment. Therefore, the result obtained in other operating environments may vary significantly. Some measurements may have been made on development-level systems and there is no guarantee that these measurements will be the same on generally available systems. Furthermore, some measurements may have been estimated through extrapolation. Actual results may vary. Users of this document should verify the applicable data for their specific environment.

Trademarks

LENOVO, SYSTEM, NEXTSCALE, SYSTEM X, THINKSERVER, THINKSYSTEM, and XCLARITY are trademarks of Lenovo.

Intel is a trademark of Intel Corporation in the United States, other countries, or both.

Linux is a registered trademark of Linus Torvalds.

Microsoft, Windows, Windows Server, Windows PowerShell, Hyper-V, Internet Explorer, and Active Directory are registered trademarks of the Microsoft group of companies.

Mozilla and Firefox are registered trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.

Nutanix is a trademark and brand of Nutanix, Inc. in the United States, other countries, or both.

Red Hat is a registered trademark of Red Hat, Inc. in the United States and other countries.

SUSE is a trademark of SUSE IP Development Limited or its subsidiaries or affiliates.

VMware vSphere is a registered trademark of VMware in the United States, other countries, or both.

All other trademarks are the property of their respective owners.

Lenovo