Lenovo XClarity Integrator for Microsoft Windows Admin Center
Release Notes

Version 4.2.0

Note:

Before using this information and the product it supports, read the information in Appendix A "Notices" on page 7.

Contents

About this publication

These release notes provide the latest information about Lenovo® XClarity Integrator for Microsoft® Windows Admin Center.

Conventions and terminology

Paragraphs that start with a bold **Note** are notices with specific meanings that highlight key information.

Note: These notices provide important tips, guidance, or advice.

The following table describes some of the terms and acronyms used in this document.

Term	Acronym	Definition
Baseboard Management Controller	BMC	A specialized service processor that monitors the physical state of a computer, network server or other hardware device by using sensors, and by communicating with the system administrator. The BMC is a part of the Intelligent Platform Management Interface (IPMI), and is contained in the system board or the main circuit board of the device to be monitored.
Chassis Management Module	CMM	A service processor used to configure and manage components in a Flex chassis.
Compute node	/	An independent server supported in a Flex chassis. The compute node contains one or more microprocessors, memories, storages, and network controllers. It is equipped with its own operating system and applications.
Features on Demand	FoD	A tool that activates features without installing hardware or connecting to other devices.
Host Bus Adapter	HBA	The host system that connects a computer to other network and storage devices.
Integrated Management Module	IMM	A custom BMC that developed by Lenovo. IMM consolidates the service processor functionality, Super I/O, video controller, and remote presence capabilities into a single chip on the server system board.
Lenovo XClarity Administrator	LXCA	A hardware management tool packaged as an appliance for monitoring and managing the Lenovo servers or network products.
Lenovo XClarity Integrator	LXCI	A tool suite that enables IT administrators to integrate the management features of the Lenovo servers with Microsoft Admin Center.
Unified Extensible Firmware Interface	UEFI	A specification that details the interface between the operating system and the platform firmware at boot time. It is not specific to any processor architecture.
Windows Admin Center	WAC	An evolution of Windows Server in-box management tool. WAC is a single pane of glass that consolidates all aspects of local and remote server management.
XClarity Controller	XCC	The next generation of custom BMC developed by Lenovo. XCC enhances the current functions of IMM, and provides more functions. For example, HTML, enhanced remote presence capabilities, REST API (Redfish schema), and so on.

Web resources

The following Web sites provide the resources for understanding, using, and troubleshooting Lenovo XClarity Integrator, Lenovo XClarity Administrator, the Flex System servers, and the System x servers.

Lenovo XClarity Integrator for Windows Admin Center

This Web site provides the latest information about Lenovo XClarity Integrator for Windows Admin Center:

- Lenovo XClarity Integrator for Windows Admin Center Web site

System Management with Lenovo XClarity Solutions

This Web site provides an overview of the Lenovo XClarity solutions that integrate System x and Flex System hardware to provide the system management capability:

- System Management with Lenovo XClarity Solution Web site

Lenovo technical support portal

This Web site assists you in locating support for hardware and software:

- Lenovo Support Portal Web site

Lenovo ServerProven pages

The following Web sites assist you to obtain information about hardware compatibility:

- Lenovo ServerProven: Compatibility for hardware, applications, and middleware

Microsoft Windows Admin Center Web site

This Web site provides the detailed information about Microsoft Windows Admin Center (WAC):

- Microsoft Windows Admin Center Web site

ThinkAgile MX Certified Node Best Recipe

This Web site provides the ThinkAgile MX certified node best recipe:

- ThinkAgile MX Certified Node Best Recipe

Chapter 1. What's new in version 4.2.0

This topic provides information about new and enhanced features of Lenovo XClarity Integrator for Microsoft Windows Admin Center, v4.2.0.

New function support
- Add logs for UI interaction.

New software support
- Windows Admin Center 2211

Enhancement
- Fix the issue: When the UEFI is upgraded from V1.12 or earlier versions to V1.40, the virtual switch of the Azure Stack HCI cluster created on top of the Mellanox Connect-X 6 network adapter will be broken.
- Fix the errors occur in parsing the scheduled datetime of system update tasks in some system local settings when running Windows Admin Center.

New operating system support
- Azure Stack HCI 22H2

Chapter 2. Known limitations and workarounds

This chapter provides information about limitations, problems, and workarounds that apply to Lenovo XClarity Integrator, v4.2.0.

- **Users might fail to report problem to Lenovo if the angle bracket "<" or ">" is included in the problem fields.**

  When users report a problem to Lenovo, it might be failed if the problem fields (title, description, reproduction steps or what changes happened) contain the angle bracket "<" or ">".

  Workaround: Remove the angle bracket or replace it with other characters.

- **Native OS management initialization is failed with time-out error when the gateway of WAC 2110.2 or earlier versions is running on Windows 10/11.**

  It's a WAC known issue. If WAC gateway is running on Windows 10/11, and the Windows logon account does not have permission to access the file system on the target Windows server, the error message "Failed to initialize the native OS management. Timeout has occurred" will be displayed. In browser development tool, the corresponding error code is 500, and the request URL is `*****/features/fileTransfer/files/*****`.

  Workaround: Install WAC gateway on the Windows server, or log in to Windows 10/11 using account with permission to access the file system on the target Windows server. This issue has been fixed in WAC 2211.

- **Users might fail to switch to the correct Web page in the Lenovo XClarity Integrator solution by clicking the back or forward button of the browser.**

  This problem does not exist in the Server Manager solution, the Failover Cluster Manager solution, and the Hyper-Converged Cluster Manager solution.

  Workaround: Do not click the back or forward button of the browser. Instead, click the link of the Web page in the Lenovo XClarity Integrator solution to switch to the correct Web page.

- **When using Microsoft Edge, the information might exceed the border of the data table or might not align with the column name in some panes .**

  When customizing columns or resizing the column width of the data table in some panes, for example, in the **Alerts** pane of the **Lenovo Server** page, the information might exceed the border of the data table or might not align with the column name. This problem only exists in Microsoft Edge.

  Workaround:

  - Use Chrome instead of Microsoft Edge.
  - Do not customize columns.

- **The "XX selected" message might cover the action button in the action bar.**

  When the browser window is in a special width, and one item is selected from the data table in some panes, for example, in the **Service Data** pane of the **Lenovo Server** page, the "1 selected" message might cover **Export Logs** in the action bar.

  Workaround: Resize the browser window until the action button is displayed.

- **The number of selected items is not correct or cannot be displayed on the All Connections page of Lenovo XClarity Integrator.**

  On the **All Connections** page of Lenovo XClarity Integrator, when users click the blank space of a row in the data table to select a server or a Lenovo XClarity Administrator, the number of selected items "XX selected" might be incorrect or not displayed in the action bar. Actually the items are selected.

Workaround: Ignore this problem, click the Clear Selection icon ✕ , and select these items by clicking their check boxes instead of the blank space.

- **Users might fail to enter the Cluster Dashboard page, with a message indicating that the target node is offline while the node is actually online.**

  The problem will occur when users who have managed their cluster nodes by using a Lenovo XClarity Administrator A attempt to use another Lenovo XClarity Administrator B to manage some of their nodes without terminating the node management of A. In this case, both Lenovo XClarity Administrators are in connected state in Lenovo XClarity Integrator. This problem might exist in both the Failover Cluster Manager and the Hyper-Converged Cluster Manager solutions.

  Workaround: In the Lenovo XClarity Integrator solution, click the **Remove** button in the action bar to terminate the node management of Lenovo XClarity Administrator A.

- **Users might fail to obtain data when connecting to multiple Lenovo XClarity Administrators across different versions.**

  When users connect to multiple Lenovo XClarity Administrators across different versions, some of the connections might be lost occasionally. As a result, user operations will fail, especially those requiring data reload on the corresponding servers.

  Workaround: On the Lenovo XClarity Integrator solution extension home page, reconnect to any disconnected Lenovo XClarity Administrator.

- **Users might fail to enter the update method selection page after selecting the Lenovo XClarity Administrator management method in the CAU tool in Cluster Manager.**

  After logging in to the Lenovo hardware updates page by using the CAU tool, users then need to select a management method. If Lenovo XClarity Administrator is selected with an LXCA successfully added or connected, the management method selection page might persist and the CAU tool might not proceed to the expected system update wizard.

  In this case, make sure that all the cluster nodes are managed by the same LXCA and the LXCA user has required system update privileges.

  Workaround: In the CAU tool, click **Back** and then enter the Hardware updates page again.

- **Users might fail to submit hardware updates if "Specify a predefined share folder" is selected for storing the updates in the CAU tool in Cluster Manager.**

  In the CAU tool in Cluster Manager, if users select **Specify a predefined share folder** and **Use another Windows account** on the update storage page and then proceed to submit the selected hardware updates, the following error message might be displayed:

  "Multiple connections to a server or shared resource by the same user, using more than one user name, are not allowed. Disconnect all previous connections to the server or shared resource and try again. "

  Workaround (either of the following):

  – Use the IP address of the remote server when trying to connect to the network share.

  – Create a different Domain Name System (DNS) alias for the remote server, and then use this alias to connect to the network share.

  After using either of the methods, users are able to connect to the network share with different user credentials. In this situation, the computer behaves as if it is connecting to a different server. Users can then resubmit the selected hardware updates.

  For more information, visit https://docs.microsoft.com/en-US/troubleshoot/windows-server/networking/cannot-connect-to-network-share.

- **Users might fail to submit hardware updates if "Create a share folder automatically" is selected for storing the updates in the CAU tool in Cluster Manager.**

In the CAU tool in Cluster Manager, if users select **Create a share folder automatically** on the update storage page and then proceed to submit the selected hardware updates, either of the following situations might occur:

– Failed to execute the PowerShell script. Connection to remote server localhost failed with the following error message: "WinRM cannot complete the operation".

In this case, verify that the specified computer name is valid, the computer is accessible over the network, and that a firewall exception for the WinRM service is enabled and allows access from this computer. By default, the WinRM firewall exception for public profiles limits access to remote computers within the same local subnet. For more information, see About Remote Troubleshooting.

– Starting a command on the remote server failed with the following error message: "Access is denied".

For more information, see About Remote Troubleshooting.

Workaround:

On the gateway server, start PowerShell with the **Run as administrator** option, and run the `Enable-PSRemoting` command. Users can then resubmit the selected hardware updates.

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Processor speed indicates the internal clock speed of the microprocessor; other factors also affect application performance.

When referring to processor storage, real and virtual storage, or channel volume, KB stands for 1 024 bytes, MB stands for 1 048 576 bytes, and GB stands for 1 073 741 824 bytes.

When referring to hard disk drive capacity or communications volume, MB stands for 1 000 000 bytes, and GB stands for 1 000 000 000 bytes. Total user-accessible capacity can vary depending on operating environments.

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