



Lenovo Hardware PRO Pack for Microsoft System Center Virtual Machine Manager Release Notes



Version 6.0

Note

Before using this information and the product it supports, read the information in [Appendix A “Notices” on page 5](#).

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Contents

Contents	i	Chapter 2. Known limitations, problems, and workarounds	3
About this publicationiii	Appendix A. Notices.	5
Conventions and terminology	iii	Trademarks	6
World Wide Web resources	iii	Important notes.	6
Chapter 1. What's new in version 6.0	1		

About this publication

These release notes provide information about Lenovo Hardware PRO Pack for Microsoft System Center Virtual Machine Manager that was not included in the user guide document.

Conventions and terminology

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

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

Important: These notices provide information or advice that might help you avoid inconvenient or difficult situations.

Attention: These notices indicate possible damage to programs, devices, or data. An attention notice appears before the instruction or situation in which damage can occur.

World Wide Web resources

The following websites provide resources for understanding, using, and troubleshooting BladeCenter and System x servers and systems management tools.

System Management with Lenovo XClarity Solutions

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

- [cSystem Management with Lenovo XClarity Solution website](#)

Lenovo technical support portal

This website can assist you in locating support for hardware and software:

- [Lenovo Support Portal website](#)

Lenovo ServerProven pages

Obtain information about hardware compatibility with Lenovo System x, BladeCenter, and IBM IntelliStation hardware.

- [Lenovo ServerProven: Compatibility for BladeCenter products](#)
- [Lenovo ServerProven: Compatibility for Flex System Chassis](#)
- [Lenovo ServerProven: Compatibility for System x hardware, applications, and middleware](#)

Microsoft System Center Virtual Machine Manager

This website provides an overview of Microsoft System Center Virtual Machine Manager and describes how to manage a virtualized datacenter, cross-platform support, Performance and Resource Optimization (PRO), and enhanced high availability (HA) capabilities:

- [Microsoft System Center Virtual Machine Manager website](#)

Microsoft System Center Operations Manager website

This website provides an overview of Microsoft System Center Operations Manager:

- [Microsoft System Center Operations Manager website](#)

Chapter 1. What's new in version 6.0

This section provides an overview of features that are new to Lenovo Hardware PRO Pack for Microsoft System Center Virtual Machine Manager version 6.0

New hardware support

This version includes support for new hardware. For more information, refer to [Supported Systems](#).

Chapter 2. Known limitations, problems, and workarounds

Known limitations, problems, and workarounds for Lenovo Hardware PRO Pack for Microsoft System Center Virtual Machine Manager.

- **Estimated lag time (latency) for SCVMM Managed Hosts discovery**

After installation, it might take up to six hours for an IBM system to show up in the **Lenovo SCVMM-Managed Licensed Hosts (PRO Views) → Licensed SCVMM-Managed Hosts Status** view. The time for all hardware components to be discovered and to start indicating their health state might take from five minutes up to six hours.

Latency is subject to a variety of directly related influences:

- The number of managed systems in the discovery task.
- The performance of the Operations Manager database.
- The amount and speed of network traffic.
- The default discovery interval value in Operations Manager Server.

Workaround: Latency for discovery is normal behavior for Lenovo Hardware Management Pack. However, you can override default monitoring interval values to set a shorter interval. Click **Resources → System Center Operations Manager Help** to find more information about overrides in the online help.

- **After dismissing a tip in the Pro tips window, the tip is not displayed again if you do not resolve the error**

When PRO tips displays a tip and you dismiss it, the error is not displayed again if it has not been resolved. However, if you correct the issue and the issue occurs again, the tip reappears.

- **Lenovo Hardware PRO Pack alert titles might not show details about the alert**

When viewing Lenovo Hardware PRO Pack alerts, the alert title might not have many details in it. To view more details about the alert on the SCOM console for the server being investigated, navigate to **Health Explorer**, and click on the alert. On the right panel, click the **State Change Events** tab, and view the description section on that page.

- **Lenovo Hardware PRO Pack, v5.6 is not supported in an unlicensed environment**

Important: Installing and using Lenovo Hardware PRO Pack for Microsoft System Center Virtual Machine Manager in an unlicensed environment is not supported. Doing so might cause unexpected results for all monitored hosts.

For best results, when moving from a licensed environment to an unlicensed environment, uninstall the Lenovo Hardware PRO Pack for Microsoft System Center Virtual Machine Manager.

- **PRO tips description is truncated in the detail window if the window is not maximized**

When the PRO tips window is not maximized, some text may not be shown completely. To work around this issue, maximize the window to show the full text. Microsoft has confirmed that this is a known issue, which will be corrected in a future update.

- **PRO Configuration settings not in effect in this version**

Due to a SCVMM 2012 upgrade limitation, all Lenovo Hardware PRO Pack monitors are enabled and the recovery function is turned on. The settings in the PRO Configuration window (**Monitor** and **Remediate** options) are not in effect in this version.

Other known issues and limitations

The following issues and limitations are related to monitoring IBM systems.

- **Discovery and health-check intervals might be too long**

The component discovery and health monitoring are set with their own values and, in some cases, it can take up to six hours.

Workaround:

- Refer to the Microsoft System Center Operations Manager SCOM user guide for more information about how to override the default values.
- You can also synchronize SCOM with the Microsoft System Center Virtual Machine Manager (SCVMM) server by opening a Power Shell command prompt and running a `get` command followed by a `set` command:

```
get-vmmserver <fully qualified domain name of management server>  
set-vmmserver -opsmgrserver  
                <fully qualified domain name of management server>
```

For more information about using PowerShell and the `set-vmmserver` command, refer to Microsoft's documentation.

- **Hyper-v hosts are discovered but not monitored**

Restart the health service to synchronize the SCVMM settings with Microsoft System Center Operations Manager (SCOM). SCOM will then realize that SCVMM has the appropriate settings and enable the Lenovo Hardware PRO Pack Management Pack monitors. Similar issues and solutions are discussed in the following articles:

- [OpsMgr 2007: The Health of the Root Management Server is in a Gray “Not Monitored” State webpage](#)
- [The Discovery Wizard may stop responding during the discovery process in Microsoft System Center Operations Manager webpage](#)
- [System Center Operations Manager 2007 R2 Cumulative Update 4 webpage](#)

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Important notes

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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