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

Version 5.6

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Edition notice

This edition applies to Lenovo Hardware PRO Pack for Microsoft System Center Virtual Machine Manager, v5.6 and to all subsequent releases and modifications until otherwise indicated in new editions.

Contents

About this publication

These release notes provide information about Lenovo Hardware PRO Pack for Microsoft System Center Virtual Machine Manager, v5.6 that was not included in the user guide document.

Conventions and terminology

This publication uses conventions and special terms that will aid in your use of the informatio.

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.

Information resources

Information resources for Lenovo Hardware PRO Pack for Microsoft System Center Virtual Machine Manager, v5.6.

You can find additional information about Lenovo Hardware PRO Pack for Microsoft System Center Virtual Machine Manager, v5.6, in the product documentation and on the World Wide Web.

PDF files

View or print documentation that is available in Portable Document Format (PDF).

Downloading Adobe Acrobat Reader

You need Adobe Acrobat Reader to view or print these PDF files. You can download a copy from the Adobe Reader website.

Viewing and printing PDF files

You can view or print any of the PDF files located on the web. The most current version of each document is available on the product download page. Click the following link to locate the individual product pages for each publication: IBM System x Integration Offerings for Microsoft Systems Management Solutions portal.

- Lenovo Hardware PRO Pack for Microsoft System Center Virtual Machine Manager, v5.6 release notes
- Lenovo Hardware PRO Pack for Microsoft System Center Virtual Machine Manager, v5.6 user's guide

Saving PDF files

To save a PDF file, complete the following steps:
1. Right-click the link to the PDF in your browser.
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Web browser	Command
For Internet Explorer	Click **Save Target As**.
For Mozilla	Click **Save Link As**.

3. Navigate to the directory in which you want to save the PDF file.
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World Wide Web resources

Additional sources of information available on the World Wide Web.

IBM® Systems technical support site

The following web pages provide resources for understanding, using, and troubleshooting IBMSystem x, BladeCenter® servers, and systems management tools.

IBM Support Portal

Locate support for IBM hardware and systems management software.

IBM website for Microsoft Systems Management Solutions for IBM Servers

Microsoft® Systems Management Solutions for IBM Servers

Download IBM systems management and systems deployment software.

IBM Systems Management

IBM System Systems Management

This page provides an overview of IBM systems deployment using IBM tools and the IBM Deployment Pack for Microsoft Operations Manager.

IBM ServerProven®

IBM ServerProven: Compatibility for hardware, applications, and middleware

Obtain information about hardware compatibility with IBMSystem x, IBMBladeCenter, andIBM IntelliStation® hardware.

Microsoft System Center Operations Manager

Microsoft TechNet: System Center Operations Manager

Obtain information about Microsoft System Center Operations Manager from the home page for the product.

System Center Technical Documentation Library

Chapter 1. New in this release

This topic describes new features made available in Lenovo Hardware PRO Pack for Microsoft System Center Virtual Machine Manager, v5.6.

Lenovo Hardware PRO Pack, v5.6 includes new machine support. See "Supported Systems" in the *Lenovo Hardware PRO Pack for Microsoft System Center Virtual Machine Manager user's guide* for details.

Chapter 2. Known limitations, problems, and workarounds

Known limitations, problems, and workarounds for Lenovo Hardware PRO Pack for Microsoft System Center Virtual Machine Manager, v5.6.

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 usingLenovo Hardware PRO Pack for Microsoft System Center Virtual Machine Manager, v5.6 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, v5.6.

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:

* http://blogs.technet.com/b/smsandmom/archive/2008/08/28/opsmgr-2007-the-health-of-the-root-management-server-is-in-a-gray-not-monitored-state.aspx
* http://support.microsoft.com/kb/941409
* http://support.microsoft.com/kb/2449679

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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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