



Lenovo System Updates for Microsoft System Center Configuration Manager Release Notes

Version 5.6



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Note

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

Edition Notice

This edition applies to Lenovo® System Updates for Microsoft System Center Configuration Manager, v5.6 and to all subsequent releases and modifications until otherwise indicated in new editions.

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Contents

About this publication v

Conventions and terminology v

Information resources vii

PDF files vii

World Wide Web resources vii

Chapter 1. About this release 1

New in this release 1

 Trial license support 1

 Premium features 1

 Free features 2

Chapter 2. Known limitations 3

Limitations 3

 The uninstall confirmation dialog box is blocked
 by the InstallShield progress bar 3

 There is no notification about trial license
 expiration 3

 Updates published by the SUAP version 2.0 on
 the WSUS server are expired when using SUAP
 versions 3.1 and 3.2 to publish updates 3

 System Updates Acquisition and Publishing Tool
 tries to download updates 3

 System Updates Acquisition and Publishing Tool
 fails to download updates 4

 Lenovo UpdateXpress System Pack Installer
 crashes due to an unstable network 4

Machine types are not listed under All Updates

tree view 4

Some updates might not publish. 4

SUAP fails to publish updates 4

Updates are displayed as “Required” on MSCCM 5

Some updates fail to install 5

Device drivers were installed but are not listed in
the Device Management Console 5

Device driver was installed successfully but the
version was not updated in Device Management
Console 5

An update might fail if the same version is
already installed 5

Some long texts do not display completely and an
ellipsis is inserted. 5

Known problems and workarounds 6

 The Setup Wizard disappears 6

 A customized UXSP update might fail 6

 Upgrade does not remove the System Updates

 Acquisition and Publishing Tool 2.6 folder 6

 System Updates installation fails if UAC is
 enabled 6

 Some updates remain active on an MSCCM
 managed client after a failed installation 6

Notices 7

Trademarks 8

Important notes 8

About this publication

These Release Notes[®] provide the latest information for Lenovo System Updates for Microsoft System Center Configuration Manager, v5.6.

The System Updates Acquisition and Publishing Tool is the core component in Lenovo System Updates for Microsoft System Center Configuration Manager, v5.6. The System Updates Acquisition and Publishing Tool provides you with the ability to acquire updates from either the Lenovo website or from a local computer by importing the updates, and then publishing the updates to the Windows Server Update Services (WSUS) server.

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.

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

Table 1. Frequently used terms and acronyms

Term/Acronym	Definition
SCCM	Microsoft System Center Configuration Manager 2007
SSL	Secure Sockets Layer
SUAP	System Updates Acquisition and Publishing Tool
UXSP	UpdateXpress System Pack [™]
UXSPI	Lenovo UpdateXpress System Pack Installer
WSUS	Windows Server Update Services

Information resources

You can find additional information about Lenovo System Updates for Microsoft System Center Configuration Manager, v5.6 in the product documentation and on the World Wide Web.

PDF files

You have the option to 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 respective PDF files located on the website. Click this link to locate the individual product pages for each publication: [Lenovo System x Integration Offerings for Microsoft Systems Management Solutions](#).

The most current version for each of the following documents is available on the product download page.

- *Lenovo System Updates for Microsoft System Center Configuration Manager, v5.6 Release Notes*
- *Lenovo System Updates for Microsoft System Center Configuration 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.
2. Perform one of the following tasks.

Web browser	Command
For Internet Explorer	Click Save Target As .
For Netscape Navigator or Mozilla	Click Save Link As .

3. Navigate to the directory in which you want to save the PDF file.
4. Click **Save**.

World Wide Web resources

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

Lenovo System x integration offerings for Microsoft systems management solutions website

This website provides an overview of Lenovo System x Upward Integration for Microsoft System Center and current product offerings available for download:

Lenovo System x Integration Offerings for Microsoft Systems Management Solutions

Technical support portal

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

IBM Support Portal

IBM Systems Director downloads website

This website provides an overview and current product releases available for downloading IBM Systems Director systems-management software:

IBM Systems Director Downloads

Systems management solutions for System x website

This website provides an overview of systems management software using IBM Systems Director and links to additional information:

IBM Systems Director systems management solutions for System x

IBM® ServerProven® websites

The following websites provide an overview of hardware compatibility with Lenovo System x, xSeries® servers, Lenovo BladeCenter, and IBM IntelliStation® hardware.

- This website provides a general overview of hardware, applications, and middleware: IBM ServerProven: Compatibility for hardware, applications, and middleware
- System x and xSeries hardware: IBM ServerProven: Compatibility for System x hardware, applications, and middleware
- BladeCenter hardware: IBM ServerProven: Compatibility for BladeCenter products

Microsoft System Center Configuration Manager 2007 website

This website provides an overview of Microsoft System Center Configuration Manager 2007 and links to additional information:

TechNet Library: Configuration Manager 2007

Chapter 1. About this release

The topics in this section provide information about the current release.

New in this release

Lenovo System Updates for Microsoft System Center Configuration Manager, v5.6 adds the following hardware support:

- Lenovo Flex System[™] x240 M5 Compute Node, 2591, 9532
- Lenovo Flex System x440 Compute Node, 7167, 2590
- Lenovo NeXtScale[®] nx360 M5, 5465
- Lenovo NeXtScale nx360 M5 DWC, 5467, 5468, 5469
- Lenovo System x3550 M5, 5463
- Lenovo System x3650 M5, 5462

Trial license support

When you are installing the product for the first time, if a product license is not activated, a trial license is automatically activated. After the trial license has been activated, a 90-day trial period begins. During the trial period, all of the premium features are enabled.

Important: Before allowing the trial license to become activated, you need to first verify that your system time is correct.

In the last five days of the trial period, the trial license software provides notification about the trial license expiration. This notification will display every 24 hours. After the trial license expires, to maintain the premium features, you must activate the product license. After the product license is activated, manually restart the component to enable the premium features.

You can obtain a product license from: Passport Advantage and Passport Advantage Express.

Premium features

The premium features are available when the Lenovo System Updates installation is registered with the Lenovo System x Upward Integration for Microsoft System Center, v3.1 or later. You can purchase an activation license by contacting either your Lenovo representative or a Lenovo Business Partner.

You can also obtain a product license from Passport Advantage and Passport Advantage Express to ensure that the premium features are available after the 90-day trial license period.

For more information, refer to “Trial license support.”

The following additional features are fee-based and require the purchase of an activation license for v3.1 or later on a per managed endpoint basis.

- Check the Lenovo website for the latest updates for a supported machine type.
- Obtain detailed information about available updates on the Lenovo website that includes general, installation, and platform information.

- Obtain detailed information about Windows Server Update Services (WSUS) updates that includes general and specific packaging information.
- Export updates to a CSV or a TXT file using the Generate Updates Comparison Report function.
- Remotely view a journal of update deployments for endpoints using the Lenovo System Updates tool.
- Install updates as a downgrade when applicable. Expire all published updates with the same update name.

Free features

This release of Lenovo System Updates has all of the free features and functions from v3.1 and includes the following new and improved free features:

None support for the OS type

Some updates have the Application Operating Systems property set as *None*, which means it is OS agnostic. You can deploy this kind of update to any operating system supported by this release.

Full support of UXZ, the new update file format

You can download, publish, and deploy the OS agnostic firmware update using a UXZ file. UXZ is not a traditional executable file (EXE).

New hardware system support

You can use this release to install updates for the latest hardware systems.

The prerequisite and supersede updates information is available

Some updates have prerequisites and supersede updates. You can view these related updates in the detail view.

For more information, see the *Lenovo System Updates for Microsoft System Center Configuration Manager, v5.6 User's Guide*.

Chapter 2. Known limitations

The topics in this section provide information about limitations, problems, and workarounds that are applicable to Lenovo System Updates for Microsoft System Center Configuration Manager, v5.6.

Limitations

The following limitations are applicable to Lenovo System Updates for Microsoft System Center Configuration Manager, v5.6.

The uninstall confirmation dialog box is blocked by the InstallShield progress bar

When you uninstall the product from the system control panel, a confirmation message dialog box is displayed at the end of the uninstallation process. However, the progress bar of the installation program blocks your view of the dialog box and prevents you from confirming the uninstallation. This is normal behavior for version 5.5 of the System Updates Acquisition and Publishing Tool.

Action: You can left-click the underlying uninstallation dialog box to bring it to the front, and then click **OK** to complete the uninstallation. You can also use the uninstallation shortcut option from the **Start** menu to uninstall the product. The confirmation message dialog box is not blocked when you use this method.

There is no notification about trial license expiration

If you use the **view journal of update deployment** function without the System Updates Acquisition and Publishing Tool (SUAP) primary page open, you will not receive notice about the trial license expiration in the last five days of the trial period.

Action: Since this is normal behavior for the SUAP tool version 4.5, no action is required.

Updates published by the SUAP version 2.0 on the WSUS server are expired when using SUAP versions 3.1 and 3.2 to publish updates

Any updates that were published by the System Updates Acquisition and Publishing Tool version 2.0 on the Windows Server Update Services (WSUS) server are expired when you use System Updates Acquisition and Publishing Tool 3.1 and 3.2 to publish updates.

Action: Since this is normal behavior for System Updates Acquisition and Publishing Tool versions 3.1 and 3.2, no action is required.

System Updates Acquisition and Publishing Tool tries to download updates

Regardless of whether the network is available or not, the System Updates Acquisition and Publishing Tool (SUAP) tries to download all of the updates one by one. The status of the update is then displayed as Error.

Action: Since this is normal behavior of the System Updates Acquisition and Publishing Tool, no action is required.

System Updates Acquisition and Publishing Tool fails to download updates

System Updates Acquisition and Publishing Tool (SUAP) fails to download updates due to insufficient space for the download. If the available disk drive space for the download is not sufficient, the Failed to download updates due to not enough space for download is displayed. This is normal behavior for SUAP tool version 3.2.

Action: You can either create more space for SUAP or change the SUAP repository folder to another disk drive.

Lenovo UpdateXpress System Pack Installer crashes due to an unstable network

The System Updates Acquisition and Publishing Tool (SUAP) uses Lenovo UpdateXpress System Pack Installer (UXSPI) version 4.40 to check and download updates from the website. If the network is unstable, UXSPI 4.40 can crash, and the SUAP tool might run continually. This is normal behavior for the SUAP tool version 3.2 and a limitation of UXSPI 4.40.

Action: You can either run a check of the download actions when the network is stable, or upgrade the UXSPI software using the SUAP tool.

Machine types are not listed under All Updates tree view

Machine types are not listed under the **All Updates** tree view regardless of whether they are in the repository or not. By default, the System Updates Acquisition and Publishing Tool (SUAP) restores the **All Updates** tree view in the navigation panel to the last time you exited the program. However, if there is not enough available disk space for the SUAP tool to complete this action, the **All Updates** tree view might display incorrectly. This is normal behavior for the SUAP tool version 3.2.

Action: You can make more disk space available for the SUAP tool.

Some updates might not publish

Some updates might not publish and display the failed to create metadata file error message. This error occurs when you try to publish an update to machine types that are not supported by the current update.

Action: You can open the XML file for that update to see if that machine type exists in the support list.

SUAP fails to publish updates

If the network is unavailable or unstable, the System Updates Acquisition and Publishing Tool fails to publish updates. This is normal behavior for the SUAP tool version 3.2.

Action: After the network is repaired, you can try to publish the updates again.

Updates are displayed as “Required” on MSCCM

After the UXSPI has been deployed successfully, if one of the updates was not been deployed on the client system, the compliance result of this update is displayed as Required on the Microsoft System Center Configuration Manager (MSCCM) console.

Action: Since this is normal behavior, after the updates are deployed to the client system, the status shows the correct state.

Some updates fail to install

Some updates may not install on the client system. This situation could occur for different reasons.

Action: To determine the cause, see the “Troubleshooting” section in the *Lenovo System Updates for Microsoft System Center Configuration Manager, v5.6*.

Device drivers were installed but are not listed in the Device Management Console

Although the System Updates Acquisition and Publishing Tool reports the device drivers as having been successfully installed, they are not listed in the Device Management Console on the target systems.

Action: Because this is a limitation of the device drivers, a driver can be installed without the physical hardware being installed first.

Device driver was installed successfully but the version was not updated in Device Management Console

Although the System Updates Acquisition and Publishing Tool reports that a device driver installed successfully, the version reported by the Device Management Console is the previous version.

Action: Since this is a limitation of the device drivers, no action is required. Device drivers can support multiple operating systems, but the driver might behave differently depending on the operating system.

An update might fail if the same version is already installed

An update might fail if the same version is already installed on a client using a different tool, and not the System Updates Acquisition and Publishing Tool. Updates with the same version on the client system display a status of not required on the Microsoft System Center Configuration Manager server.

Action: Since this is normal behavior of the System Updates Acquisition and Publishing Tool, no action is required .

Some long texts do not display completely and an ellipsis is inserted

During the installation process, some long texts do not fully display because there is not enough space available. The text is truncated to the nearest word, and an ellipsis is inserted at the end of the text.

Action: Since this is normal behavior for the System Updates Acquisition and Publishing Tool version 3.2, no action is required.

Known problems and workarounds

The following known problems and workarounds are applicable to Lenovo System Updates for Microsoft System Center Configuration Manager, v5.6.

The Setup Wizard disappears

The Setup Wizard disappears when you click **Browse** to select a local repository folder on a Windows 64-bit operating system with Microsoft .NET Framework Version 2.0.

In the Download Wizard, select the Update packages page. If you click **Browse** to select the target folder before the update query action completes, the System Updates Acquisition and Publishing Tool might crash. This problem only occurs on a Windows 64-bit operating system and is caused by a Microsoft .NET Framework Version 2.0 issue.

Workaround: Use the following hotfix to resolve this problem: Microsoft Developer Network: NullReferenceException exception when you use ShowDialog method.

A customized UXSP update might fail

If an UpdateXpress System Pack (UXSP) update is deployed to a client system after it has been customized by the deletion of individual updates, it might fail to install on the client system.

Workaround: Delete the related update node from the UXSP metadata file for the individual, deleted updates.

Upgrade does not remove the System Updates Acquisition and Publishing Tool 2.6 folder

If you are upgrading to Microsoft System Center Configuration Manager 2007 version 3.1 from version 2.6, the System Updates Acquisition and Publishing Tool 2.6 folder is not removed from the system. This folder contains configuration and log files.

Workaround: You can manually delete the 2.6 folder.

System Updates installation fails if UAC is enabled

The installation of System Updates, version 3.1 fails if **User Account Control** (UAC) is enabled.

Workaround: To successfully install System Updates, version 3.1, the Administrator account must be used to complete the installations, and the **User Account Control** (UAC) must switch must be turned off.

Some updates remain active on an MSCCM managed client after a failed installation

Although some updates fail to install, the updates might remain active on the Microsoft System Center Configuration Manager (MSCCM) managed client.

Workaround: You can rename the file or ignore the active updates that remain.

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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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