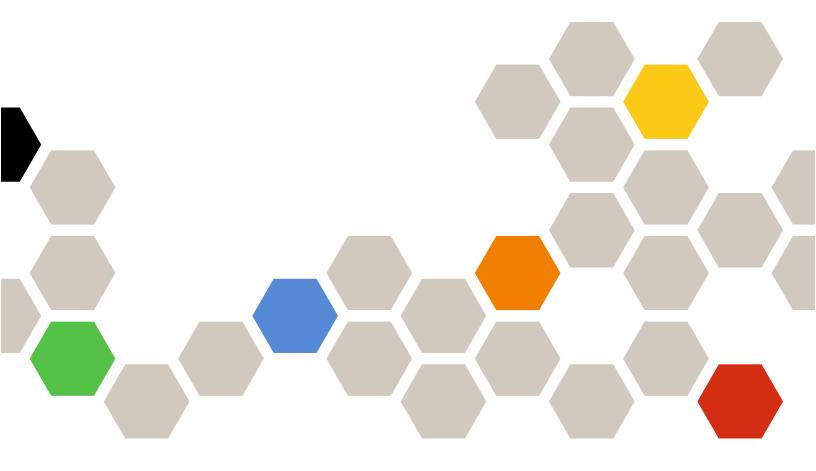


Lenovo Inventory Tool for Microsoft System Center Configuration Manager Installation and User Guide



Version 6.3

Note

Before using this information and the product it supports, read the information in Appendix D "Notices" on page 47.

Sixth Edition (September 2016)

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About this publication

This Users Guide provides the latest information for Lenovo Inventory Tool for Microsoft System Center Configuration Manager 2007. Lenovo Inventory Tool is used to view Lenovo hardware inventory of the SCCM client.

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.

Term or acronym	Definition
DSA	Lenovo Dynamic System Analysis
MSCCM	Microsoft System Center Configuration Manager
SCCM	System Center Configuration Manager
SEP	Lenovo System Enablement Pack
SSL	Secure Sockets Layer
UXSP	UpdateXpress System Pack Installer
UXSPI	UpdateXpress System Pack
WSUS	Windows Server Update Services

Table 1. Frequently used terms and acronyms

Web resources

The following web pages provide resources for understanding, using, and troubleshooting System x , Lenovo BladeCenter 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:

• System 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

Microsoft System Center Configuration Manager page

Microsoft System Center Configuration Manager 2007 website

Chapter 1. Lenovo Inventory Tool for Microsoft System Center Configuration Manager

Through its alliance with Microsoft System Center products Microsoft System Center Configuration Manager 2007 (SCCM), Lenovo Inventory Tool for Microsoft System Center Configuration Manager reduces the time and effort it takes to view the hardware inventory of clients from the server.

Lenovo Inventory Tool for Microsoft System Center Configuration Manager is free of charge.

Lenovo Inventory Tool for Microsoft System Center Configuration Manager provides the ability to view an Lenovo hardware inventory of the SCCM client from the SCCM server.

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Chapter 2. Planning and installing Lenovo Inventory Tool

Use this procedure to plan for and install Lenovo Inventory Tool.

Hardware and software requirements

The topics in the section describe the hardware and software requirements for Lenovo Inventory Tool.

Hardware requirements

Lenovo Inventory Tool can be run on a non-Lenovo server or Lenovo server that supports the Windows operating system and SCCM.

Supported operating systems

Lenovo Inventory Tool tool supports the following Windows operating systems:

- Windows Server 2003 SP2/R2
- Windows Server 2003 SP2/R2 x64
- Windows Server 2008 SP1/SP2
- Windows Server 2008 SP1/SP2 x64
- Windows Server 2008 SP1/R2
- Windows Server 2012
- Windows Server 2012 R2

Required software

Microsoft System Center Configuration Manager 2007 or 2012 is required.

Supported systems and software

This section describes the hardware and software that is supported by Lenovo Inventory Tool for Microsoft System Center Configuration Manager.

Supported Microsoft System Center products

Lenovo Inventory Tool for Microsoft System Center Configuration Manager supports the followingMicrosoft System Center products:

- Microsoft System Center Configuration Manager 2007 R2/R3
- Microsoft System Center Configuration Manager 2007 SP2
- Microsoft System Center Configuration Manager 2012
- Microsoft System Center Configuration Manager 2012 SP1
- Microsoft System Center Configuration Manager 2012 R2

Supported client systems

The supported client systems for Lenovo Inventory Tool are listed in the following table.

Supported systems

Table 2. Supported Lenovo systems

Product family name	Machine type
Lenovo BladeCenter HS20	1883, 8843
Lenovo BladeCenter HS21	1885, 8853
Lenovo BladeCenter HS22	7870, 1936, 1911
Lenovo BladeCenter HS22V	1949, 7871
Lenovo BladeCenter HS23	7875, 1929
Lenovo BladeCenter HS23E	8038, 8039
Lenovo BladeCenter HX5	1909, 1910, 7872, 7873
Lenovo BladeCenter LS21	7971
Lenovo BladeCenter LS22	7901
Lenovo BladeCenter LS42	7902
Lenovo Flex System x240 Compute Node	7162, 2588
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 M4	7914
Lenovo ThinkServer SD350	5493
Lenovo System x3550 M5	5463
Lenovo System x3630 M4	7158,
Lenovo System x3650 M4	7915
Lenovo System x3650 M5	5462
Lenovo System x3850 X6 / x3950 X6	6241

Table 3. Supported IBM systems

Product family name	Machine type
IBM Flex System x220 Compute Node	7906, 2585
IBM Flex System x222 Compute Node	7916
IBM Flex System x240 Compute Node	8737, 8738, 7863
IBM Flex System x280 Compute Node X6/x480 X6/x880 X6	7903
IBM Flex System x440 Compute Node	7917
IBM NeXtScale nx360 M4	5455
IBM Smart Analytics	7949
IBM System x3100 M4	2582
IBM System x3100 M5	5457

Table 3. Supported IBM systems (continued)

Product family name	Machine type
IBM System x3200 M2	4367, 4368
IBM System x3200 M3	7327, 7328
IBM System x3250 M2	7657
IBM System x3250 M3	4251, 4252, 4261
IBM System x3250 M4	2583
IBM System x3250 M5	5458
IBM System x3300 M4	7382
IBM System x3400 M2	7836, 7837
IBM System x3400 M3	7378, 7379
IBM System x3500	7977
IBM System x3500 M2	7839
IBM System x3500 M3	7380
IBM System x3500 M4	7383
IBM System x3530 M4	7160
IBM System x3550	7978, 1913
IBM System x3550 M2	4198, 7946
IBM System x3550 M3	4254, 7944
IBM System x3550 M4	7914
IBM System x3620 M3	7376
IBM System x3630 M3	7377
IBM System x3630 M4	7158
IBM System x3650	7979, 1914
IBM System x3650 M2	7947, 4199
IBM System x3650 M3	4255, 5454, 7945
IBM System x3650 M4	5466, 7915
IBM System x3650 M4 HD	5460
IBM System x3690 X5	7147, 7148, 7149, 7192
IBM System x3750 M4	8752
IBM System x3755	7163
IBM System x3755 M3	7164
IBM System x3850	8864, 7365, 7362
IBM System x3850 M2	7141, 7144, 7233, 7234
IBM System x3850 X5/x3950 X5	7145, 7146, 7191, 7143

Table 3. Supported IBM systems (continued)

Product family name	Machine type
IBM System x3850 X6/x3950 X6	3837
IBM System x3950 M2	7141, 7144, 7233, 7234
IBM System x3950 M2 Dual node	7141, 7233, 7234
IBM System x3950 M2 3-4 node	7141, 7233, 7234
IBM System x3950 X5	7145, 7146
IBM System x iDataPlex® dx360 M4	7912, 7913

Supported operating systems

Several Windows operating systems are supported on client machines.

The following operating systems are supported on client machines:

- Windows Server 2003 SP2/R2
- Windows Server 2003 SP2/R2 x64
- Windows Server 2008 SP1/SP2
- Windows Server 2008 SP1/SP2 x64
- Windows Server 2008 SP1/R2 SP1
- Windows Server 2012
- Windows Server 2012 R2

Required software on client machines

Microsoft .NET Framework Version 2.0 is required on client machines.

Installing Lenovo Inventory Tool

This topic describes how to install Lenovo Inventory Tool.

There are two methods for installing Lenovo Inventory Tool for Microsoft System Center Configuration Manager. The first method uses the Lenovo Inventory Tool for Microsoft System Center Configuration Manager setup package (.exe file). The second method uses the Lenovo XClarity Integrator Installer for Microsoft System Center. For more information about the Lenovo XClarity Integrator Installer for Microsoft System Center refer to Lenovo XClarity Integrator Installer for Microsoft System Center.

Step 1. Go to Lenovo Inventory Tool for Microsoft System Center Configuration Manager - Lenovo x86 servers.

Step 2. Click Microsoft System Center Configuration Manager (SCCM), Inventory Tool to download the latest version of Lenovo Inventory tool. The Preparing to Install page for Lenovo Inventory Tool opens.

Step 3. Click Next. The InstallShield Wizard page opens. If for some reason you need to stop the installation, click Cancel.

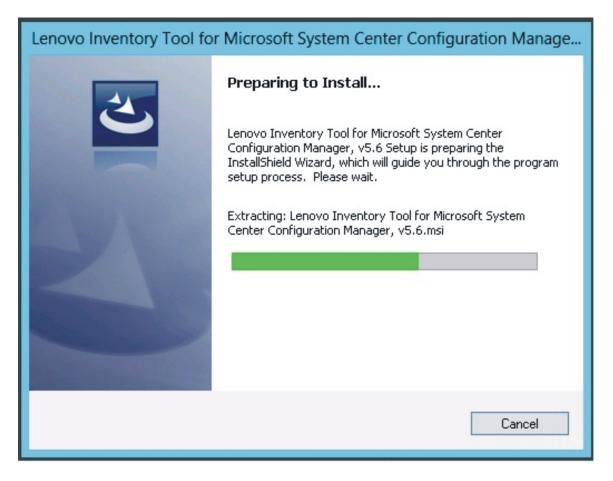


Figure 1. Preparing to Install Lenovo Inventory Tool

Note: If Microsoft System Center Configuration Manager 2007 or later is not installed on your system, the following message is displayed. Click **OK** to stop the program and complete the installation.

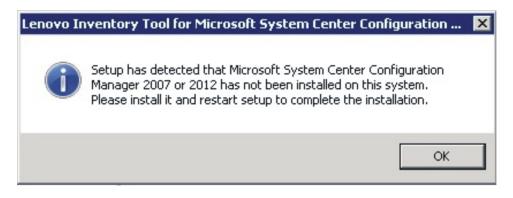


Figure 2. SCCM 2007 or later not installed message

Step 4. While the program installs, click **Next** to proceed to the License Agreement page.

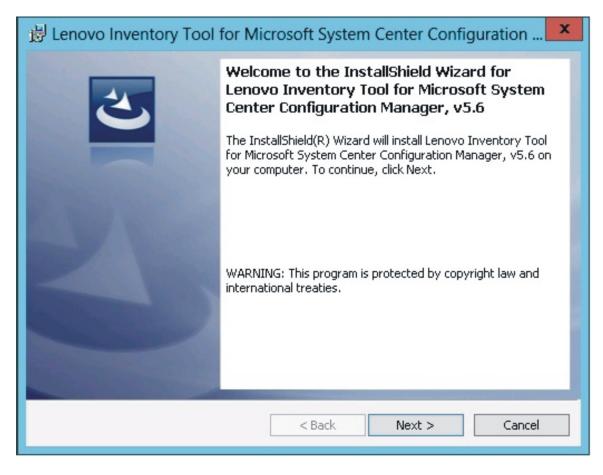


Figure 3. InstallShield Wizard Welcome page for Lenovo Inventory Tool

Step 5. Read the license agreement terms, and then select **I accept the terms in the license agreement**. Click **Next**.

🙀 Lenovo Inventory Tool for Microsoft System Center Con 🗕 🗖 💙	x
Software License Agreement Please read the following license agreement carefully.	
IMPORTANT: READ CAREFULLY Two license agreements are presented below. 1. IBM International License Agreement for Evaluation of Programs 2. IBM International Program License Agreement If Licensee is obtaining the Program for purposes of productive use (other than evaluation, testing, trial "try or buy," or demonstration): By clicking on the "Accent" button below. Licensee accents the IBM International Program	×
Read Non-Lenovo Terms	
I accept both the Lenovo and the non-Lenovo terms. I do not accept the terms in the license agreement. InstallShield Print < Back Next > Cancel	

Figure 4. Software License agreement

Step 6. On the Destination Folder page, either click **Next** to accept the default installation directory, or click **Change** and enter a new location.

😼 Lenovo	Inventory Tool for Microsoft System Center Configuration
	on Folder At to install to this folder, or click Change to install to a different folder.
D	Install Lenovo Inventory Tool for Microsoft System Center Configuration Manager, v5.6 to:
	C:\Program Files (x86)\Lenovo\Lenovo Inventory Tool\ Change
InstallShield -	
	< Back Next > Cancel

Figure 5. Destination folder

Step 7. On the Lenovo Inventory Tool Client Run Cycle page, either click **Next** to use the default run cycle value, or enter a different run cycle value.

😼 Lenovo Inventory Tool for Microsoft System Center Configuration 🗙				
Lenovo Inventory Tool Client Run Cycle Click Next to use default run cycle value, or enter a different run cycle value.				
Client Run Cycle: 4 Week ¥				
InstallShield 				

Figure 6. Lenovo Inventory Tool Run Cycle

Note: The value ranges for the client run cycle are 1 through 65 for **Day** and 1 through 52 for **Week**. If you enter a value that is not valid, the installation will not continue.

😼 Lenovo Inventory Tool for Microsoft System Center Configuration 🗙
Lenovo Inventory Tool Client Run Cycle Click Next to use default run cycle value, or enter a different run cycle value.
Client Run Cycle:
Invalid value. Valid range: Day 1-365, Week 1-52.
InstallShield
<pre>Cancel</pre>

Figure 7. Example of invalid value for Week

Step 8. On the Ready to Install the Program page, click **Install** to begin the installation. If you want to review or change any of your installation settings, either click **Back** to change them, or click **Cancel** to exit the wizard.

😸 Lenovo Inventory Tool for Microsoft System Center Configuration 🗙				
Ready to Install the Program The wizard is ready to begin installation.				
Click Install to begin the installation.				
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.				
InstallShield				
< Back Install Cancel				

Figure 8. Ready to install the program page

😼 Lenovo	Inventory Tool for Microsoft System Center Con 📼 🗴
Configura	Lenovo Inventory Tool for Microsoft System Center Intion Manager, v5.6 gram features you selected are being installed.
	Please wait while the InstallShield Wizard installs Lenovo Inventory Tool for Microsoft System Center Configuration Manager, v5.6. This may take several minutes. Status:
InstallShield -	< Back Next > Cancel

Figure 9. Installation progress being depicted

Step 9. When the installation is complete, the InstallShield Wizard Completed page opens. Click **Finish** to exit the wizard.

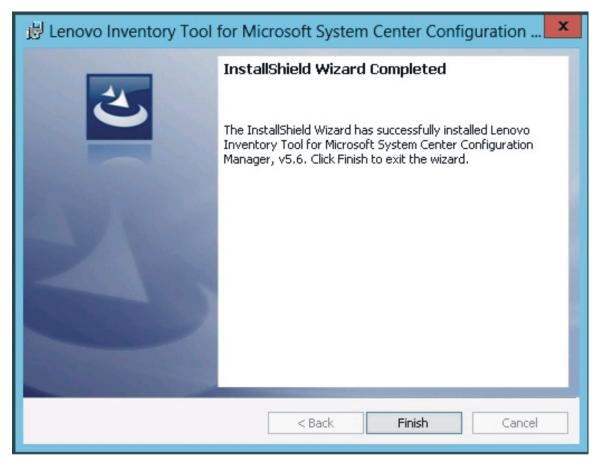


Figure 10. InstallShield Wizard Completed

Uninstalling Lenovo Inventory Tool

There are four methods for uninstalling Lenovo Inventory Tool for Microsoft System Center Configuration Manager.

To uninstall Lenovo Inventory Tool use one of the following methods.

- Uninstall by using Add or Remove Programs. For the Windows Server 2008 operating system, you can use Programs and features to uninstall.
- Select the **Remove** option for Lenovo Inventory Tool for Microsoft System Center Configuration Manager Installer (.exe file).
- Select the **Remove** option using Lenovo Integrated Installer (.exe file).
- Select Uninstall from the Start menu.

Chapter 3. Working with Lenovo Inventory Tool and System Center Configuration Manager 2007

The topics in this section describe how Lenovo Inventory Tool and Microsoft System Center Configuration Manager 2007 work together.

Deploy the Lenovo Inventory Tool client package from the Microsoft System Center Configuration Manager server to the Microsoft System Center Configuration Manager client

This topic describes how to deploy an Lenovo Inventory Tool Client package from the SCCM server to the SCCM client.

The Lenovo Inventory Tool Client package contains the file Lenovo Inventory Tool Client Setup.msi, which is used to install Lenovo Inventory Tool Client to the target machine.

- Step 1. Open the SCCM console.
- Step 2. Expand Software Distribution → Packages → Lenovo Inventory Tool Client and then right-click Lenovo Inventory Tool Client.

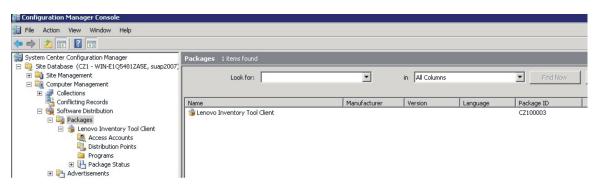


Figure 11. Lenovo Inventory Tool Client package

Step 3. Click **Distribute**, then select **Software**.

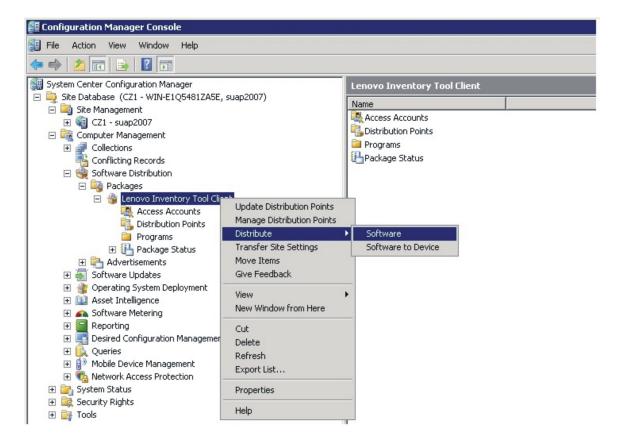


Figure 12. Distribute Lenovo Inventory Tool Client package

Step 4. On the Welcome page, click **Next** to distribute the software from the package.

Distribute Package Wizard	×
Welcome	
Welcome Distribution Points Advertise Program Select Program Summary Progress Confirmation	Welcome to the Distribute Package Wizard This wizard will help you distribute a program from the following package: Lenovo Inventory Tool Client You can copy the package to distribution points on your network. You can then advertise a program from this package to members of an existing collection or to a new collection that you create. To distribute a program from this package, click Next.
	< Previous Next > Finish Cancel

Figure 13. Distribute Package Wizard welcome page

Step 5. On the Distribution Points page, select the distribution points where the client accesses this package, and then click **Next**.

Distribute Package Wizard				X
Distribution Points				
Welcome Distribution Points	Specify the distribution points	where clients will access thi	s package.	
Advertise Program Select Program Summary	Select the distribution points t previously distributed, some d distribution point, the package	istribution points might alrea		
Progress	Distribution points:			
Confirmation	Name	Site	Туре	Select All
	WIN-E1Q5481ZA5E	CZ1-suap2007	Server	Clear All
			_	Select Group
	T		•	
		< Previous Ne:	xt > Fin	nish Cancel

Figure 14. Distribution Points page

Step 6. On the Advertise Program page, specify whether to advertise a program from this package to client resources. Select **Yes** and click **Next**.

Distribute Package Wizard		×
Advertise Program	1	
Welcome Distribution Points Advertise Program	Specify whether to advertise a program from this package to client resources. If the program is not advertised, the package will be distributed only to the distribution points.	
Select Program		
Summary		
Progress	Package: Lenovo Inventory Tool Client	
Confirmation		
	Do you want to advertise a program from this package?	
	Yes	
	C No	
	< Previous Next > Finish Cancel	

Figure 15. Advertise Program page

Step 7. On the Select Program page, select the program to advertise to members of a collection, and then click **Next**.

Distribute Package Wizard		×
Select Program		
Welcome Distribution Points Advertise Program	Select the program to advertise to members of a collection.	-
Select Program Advertisement Target Advertisement Name	Package: Lenovo Inventory Tool Client Programs:	
Advertisement Subcollec Advertisement Schedule Assign Program	Name Description InventoryTool.Client.Setup.msi	
Summary Progress Confirmation		
Commadon		
- -	< Previous Next > Finish Cancel	

Figure 16. Select Program page

Step 8. On the Advertisement Target page, select the existing collection that you want to advertise, and then click **Next**.

Distribute Package Wizard		×	
Advertisement Targe	t		
Welcome Distribution Points Advertise Program	Specify the collection	that should receive the advertisement.	
Select Program Advertisement Target	Program:	InventoryTool.Client.Setup.msi	
Advertisement Name Advertisement Subcollec Advertisement Schedule			
Assign Program Summary	 Advertise this pro Collection: 	ogram to an existing collection:	
Progress Confirmation	All Systems	Browse	
	C Create a new col	llection and advertise this program to it	
I b		< Previous Next > Finish Cancel	

Figure 17. Advertisement Target page

Step 9. On the Advertisement Name page, choose whether to modify the following information, and when you are finished, click **Next**.

Name

Enter a different name if you do not want to use the default name that is provided.

Comment

Enter a detailed description that will help you to identify the advertisement.

Distribute Package Wizard		×
Advertisement Name		
Welcome Distribution Points Advertise Program	Specify a name and comment for the new advertisement.	•
Select Program Advertisement Target		
Advertisement Name	Type a name to identify the new advertisement. You can also type a comment to describe the advertisement.	
Advertisement Subcollec Advertisement Schedule Assign Program Summary Progress Confirmation	Name: Lenovo Inventory Tool Client - InventoryTool.Client.Setup.msi to All Systems Comment: Image: Comment - InventoryTool.Client.Setup.msi to All Systems	
	< Previous Next > Finish Cancel	

Figure 18. Advertisement Name page

Step 10. On the Advertisement Subcollection page, select whether the advertisement should be made available to the members of the collection only or to the members of the collection and its subcollections.

Distribute Package Wizard		×		
Advertisement Subo	collection			
Welcome Distribution Points Advertise Program	Specify whether the advertisement should be made available to subcollections.			
Select Program Advertisement Target	Collection: All Systems			
Advertisement Name Advertisement Subcollec	If this collection has links to other collections (or will in the future), you can advertise the program to members of those collections.			
Advertisement Schedule Assign Program				
Summary Progress	 Advertise the program to members of the collection and its subcollections 			
Confirmation	The program will be advertised to the following collections: All Systems			
	< Previous Next > Finish Cancel			

Figure 19. Advertisement Subcollection page

- Step 11. On the Advertisement Schedule page, either select or modify the following options, and click Next.
 - Select a date and time for the software to be advertised.
 - Select whether this advertisement should expire.
 - Select whether the client can download content from an unprotected distribution point and run locally.

Distribute Package Wizard		×
Advertisement Sche	dule	
Welcome Distribution Points Advertise Program Select Program Advertisement Target Advertisement Name Advertisement Subcollec	Specify when the program will be advertised.	-
	Advertise the program after: If this program is set to expire, it will no longer be available after a specified date and time, even if the program has not yet run on the client. Do you want this advertisement to expire?	
Advertisement Schedule Assign Program Summary Progress Confirmation	No, this advertisement never expires Yes, this advertisement should expire Expiration date and time: 5/ 5/2015 3:39 PM	
	Download content from unprotected distribution point and run locally	
_ ۱)	< Previous Next > Finish Cancel	

Figure 20. Advertisement Schedule page

Step 12. On the Assign Program page, make the following selections and click Next.

- Select whether to assign the program.
- Enable wake on LAN if it is urgent.
- Select whether to ignore maintenance windows when running the program.
- Select whether to allow a system restart outside maintenance windows.

Distribute Package Wizard		×
Assign Program		
Welcome Distribution Points Advertise Program Select Program	Specify whether to assign the program. Assigning a program causes it to become mandatory. An assigned program will automatically run if it has not already been run on the client. Do you want this program to be assigned after a specified	
Advertisement Target	date and time?	
Advertisement Name Advertisement Subcollec Advertisement Schedule Assign Program	 No, do not assign the program Yes, assign the program 	
Summary	Available after: 3:39:32 PM 11/4/2014	
Progress	Assign after: 11/ 4/2014 3:39 PM	
Confirmation	Expires after: Enable Wake On LAN Ignore maintenance windows when running program Allow system restart outside maintenance windows	
▲	< Previous Next > Finish Cancel	

Figure 21. Assign Program page

Step 13. On the Wizard Completed page, you can review the options that have been selected, then click **Close** to finish the distribution.

Distribute Package Wizard				×
Distribute Package wizard				
Wizard Completed				
Welcome Distribution Points Advertise Program Select Program Advertisement Target Advertisement Name Advertisement Subcollect Advertisement Schedule Assign Program Summary Progress Confirmation	The Distribute Package W Details: welcome Distribution Points Advertise Program Select Program Advertisement Target Advertisement Name Advertisement Subcollection Advertisement Schedule Assign Program To close this wizard, click Close.	vizard completed successfully.		
▲		< Previous Next >	Finish	Close

Figure 22. Wizard Completed page

Viewing hardware inventory of clients from the Microsoft System Center Configuration Manager server

When Lenovo Inventory Tool Client has been installed on the client, it can be run periodically to retrieve a hardware inventory from the Microsoft System Center Configuration Manager server.

The following procedure describes how to look for hardware inventory of clients from the SCCM server,

- Step 1. Open the SCCM console.
- Step 2. Expand Computer Management → Collections → ALL Systems.

🚝 Configuration Manager Console								
Jile Action View Window Help								
🗇 🔿 🔰 🖬 🔢 🖬								
System Center Configuration Manager	All Systems 3 items found							
 □ □ □ Site Database (CZ1 - WIN-E1Q5481ZA5E, suap2007) ① □ □ Site Management □ □ □ □ Computer Management 	Look for:		•	in All Colum	ins	•	Find Now	Clear
E 💣 Collections								
🕀 🚅 All Active Directory Security Groups	Name	Resource Type	Domain	Site Code	Client	Approved	Assigned	Blocked
🛨 🚅 All Desktops and Servers	WIN-E1Q5481ZA5E	System	CHENZHENG2	CZ1	No	N/A	Yes	
All Systems	WINDOWS-D8DRVC1	System	CHENZHENG2	CZ1	No	N/A	Yes	
	VILAN032	System	CHENZHENG2	CZ1	Yes	Approved	Yes	No

Figure 23. Select client

Step 3. Right-click the device on the right panel that you want to inventory. Select **Start**, and then click **Resource Explorer**.

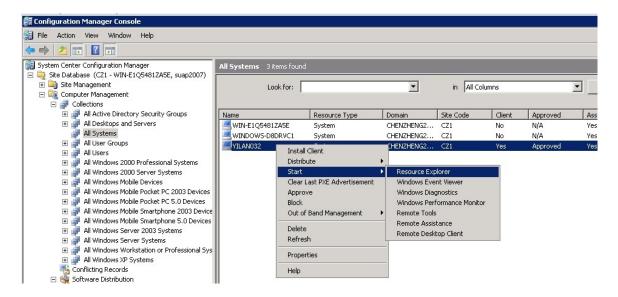


Figure 24. Start Resource Explorer wizard

Step 4. Expand **Resource Explorer** → **Hardware**, and then select the resource beginning with Lenovo. The inventory information you requested is shown on the right panel.

🧱 ResourceExplorer - [YILAN032\Resource Explorer\Hardwa	are	e\Lenovo BIOS and uEFI]			
File Action View Help					
🗢 🔿 🗡 📧 🛛 🖬					
YILAN032 Resource Explorer Hardware Add/Remove Programs Add/Remove Programs		Look for:	ReleaseDate	Version	•
Add/Remove Programs (64) CDROM Drive Computer System Desktop Monitor Disk Drives Disk Partitions IDE Controller Lenovo BIOS and UEFI Lenovo Ford Activation Key Lenovo Ford Activation Key Lenovo IMM Configuration IPv4 (Static) Lenovo IMM Configuration IPv6 (Static) Lenovo LSI Controller Information Lenovo LSI Logical drives configuration Lenovo Memory Lenovo System Overview		YSE139OUS UEFI	2/20/2014 12:00		

Figure 25. Look for hardware inventory

Chapter 4. Working with Lenovo Inventory Tool and Microsoft System Center Configuration 2012

The topics in this section describe how Lenovo Inventory Tool and Microsoft System Center Configuration Manager 2012 work together.

Deploying the Lenovo Inventory Tool client package from the Microsoft System Center Configuration Manager server to Microsoft System Center Configuration Manager client

The Lenovo Inventory Tool Client package contains the fileLenovo Inventory Tool Client Setup.msi, which is used to install Lenovo Inventory Tool client to the target machine.

The following procedure describes how to deploy an Lenovo Inventory Tool Client package from the SCCM server to the SCCM client.

Step 1. Open the SCCM console.

Step 2. Expand Software Library → Overview → Application management → Packages.

Software Library	< Packa	kages 3 items							
4 🗊 Overview	Sear	rch							
Application Management	Icon Name		Programs	Manufacturer	nufacturer Version Language				
Applications	0	Configuration Manager Client Package	0	Microsoft Corpo			13B00002		
Packages		Lenovo Inventory Tool Client	1				13B00014		
Approval Requests	Ō	User State Migration Tool for Windows 8	0	Microsoft Corpo	6.2.9200.16384		13B00001		

Figure 26. Lenovo Inventory ToolClient package

Step 3. On the right panel, right-clickLenovo Inventory Tool Client, and select Deploy.

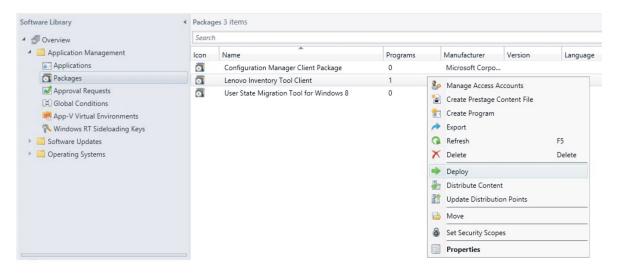


Figure 27. Deploy Lenovo Inventory Tool package

Step 4. On the General page, enter the following information, and click Next.

Collection

Click **Browse**, and select the collection to be deployed.

Comments

Enter a detailed description that will help you to identify the deployment.

•		Deploy Software Wizard	x
General			
General Content Deployment Settings Scheduling	Specify general	l information for this deployment	
User Experience	Software:	Lenovo Inventory Tool Client (Inventory Tool Client. Setup.msi)	rowse
Distribution Points	Collection:	All Systems B	rowse
Summary Progress Completion		ibution point groups associated to this collection stribute content for dependencies	<
			~

Figure 28. General page

Step 5. On the Content page, click **Add** to add distribution points or distribution point groups, and click **Next**.

•	[Deploy Software Wi	zard			X
Content						
General Content	Specify the conten	t destination				
Deployment Settings						
Scheduling	Distribution points or distrib	oution point groups that the	content has been distributed to	D:		
User Experience Distribution Points	Name	Туре				
Summary	Name		tems to show in this view.			-
Progress						
Completion						
	Additional distribution poin	ts, distribution point groups	, and the distribution point group	ps that are curre	ently associated	
	with collections to distribut	e content to:				
	Filter			2	Add 🗖	-
	Name	Description	Associations		Remove	
	WIN-LOIT33FQNFA.SC	Distribution point		L	nemove	_
	2					_
		< Pre	evious Next >	Summary	Cancel	

Figure 29. Content page

Step 6. On the Deployment Settings page, specify the settings that control how the software is deployed, and click **Next**.

\$		Deploy Software Wizard	X
Deployment Set	ttings		
General Content Deployment Settings Scheduling User Experience Distribution Points Summary Progress Completion	Action: Purpose: Pre-deploy	tings to control how this software is deployed	
	0	< Previous Next > Summary Cance	:1

Figure 30. Deployment Settings page

Step 7. On the Scheduling page, configure the deployment and assignment schedule if necessary. Select **As soon as possible** if you want to deploy the inventory tool client immediately.

•	Deploy Software Wizard
Scheduling	
General Content Deployment Settings	Specify the schedule for this deployment
Scheduling User Experience Distribution Points	This program will be available as soon as it has been distributed to the content servers unless it is scheduled for a later time below. For required applications, specify the assignment schedule.
Summary	Schedule when this deployment will become available:
Progress	11/ 3/2014 🗐 🗸 11:04 AM 💭 🗌 UTC
Completion	Schedule when this deployment will expire:
	11/ 3/2014 🗐 🔻 11:04 AM 💭 🗌 UTC
	Assignment schedule: New Edit Delete
	As soon as possible
	Rerun behavior: Rerun if failed previous attempt 🗸
	<previous next=""> Summary Cancel</previous>

Figure 31. Scheduling page

Step 8. Optional: On the User Experience page, select the checkbox if needed.

•	Deploy Software Wizard	×
User Experience		
General Content Deployment Settings Scheduling User Experience Distribution Points Summary Progress Completion	Specify the user experience for the installation of this software on the selected devices Notification settings: Allow users to run the program independently of assignments When the scheduled assignment time is reached, allow the following activities to be performed outside the maintenance window: Software installation System restart (if required to complete the installation) Write filter handling for Windows Embedded devices Commit changes at deadline or during a maintenance window (requires restarts) If this option is not selected, content will be applied on the overlay and committed later.	
	<previous next=""> Summary Cancel</previous>]

Figure 32. User Experience page

Step 9. On the Summary page, review the configuration settings, and click **Next** to begin the deployment process.

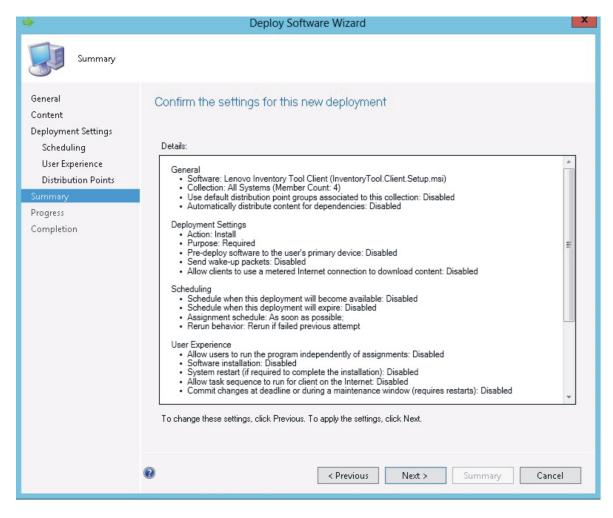


Figure 33. Summary page

Step 10. On the Completion page, click Close to finish the deployment.

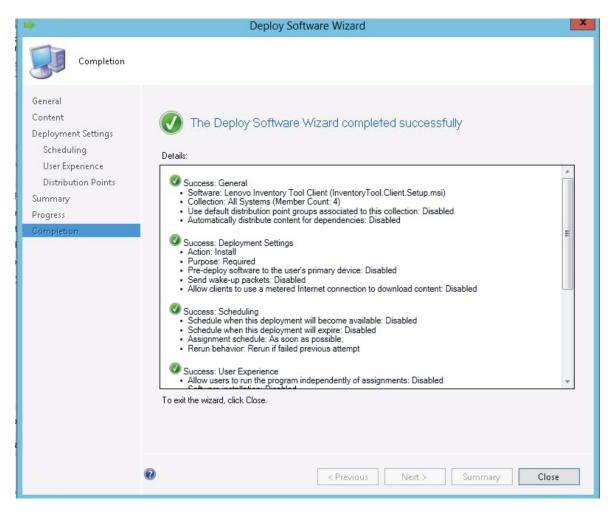


Figure 34. Completion page

Viewing hardware inventory of clients from the Microsoft System Center Configuration Manager server

When the Lenovo Inventory Tool Client has been installed, it can be run periodically to retrieve a hardware inventory from the Microsoft System Center Configuration Manager server.

The following procedure describes how to view a hardware inventory of clients from the SCCM server.

- Step 1. Open the SCCM console.
- Step 2. Expand Assets and Compliance → Overview → Devices.

Assets and Compliance	< De	Devices 4 items Search								
🖌 Serview	Se									
Users	lco	on	Name	Client	Site Code	Client Activity				
n Devices	0		WINDOWS-M1P004C	Yes	13B	Active				
💰 User Collections	d		KES	Yes	13B	Active				
💞 Device Collections	0		x86 Unknown Computer (x86 Un	No	13B					
🐁 User State Migration	0		x64 Unknown Computer (x64 Un	No	13B					
 Asset Intelligence 			services of the state of the s							

Figure 35. Select client

Step 3. Right-click the devices on the right panel that you want to inventory. Select **Start**, and then click **Resource Explorer**.

Se Overview	Search	1								🗙 🔎 Sea
Users	lcon	Name	Client	Site Code	Client Activity	Γ				
🛤 Devices		WINDOWS-M1P004C	Yes	13B	Active					
💰 User Collections		KES	Yes	13B	Active	_			_	
💕 Device Collections	1	x86 Unknown Computer (x86 Un	No	13B		÷	Add Selected Items	•		
퉖 User State Migration		x64 Unknown Computer (x64 Un		13B		毗	Install Client			
🕯 🦳 Asset Intelligence			6474B	nt versiti			Start	•	ið.	Resource Explorer
Catalog						0	Approve		-	Remote Control
hventoried Software							Block		12	Remote Assistance
Hardware Requirements						-	Unblock			Remote Desktop Client
Software Metering							Manage Out of Band		-	i nemete e estrep enem
Compliance Settings						-				
🙀 Configuration Items							Clear Required PXE Deployments			
Configuration Baselines						~	Edit Primary Users			
😗 User Data and Profiles							Refresh	F5		
Endpoint Protection						×	Delete	Delete		
-							Properties			

Figure 36. Start Resource Explorer

Step 4. Expand **Resource Explorer** → **Hardware**, and then select the resource beginning with Lenovo. The inventory information is shown on the right panel.

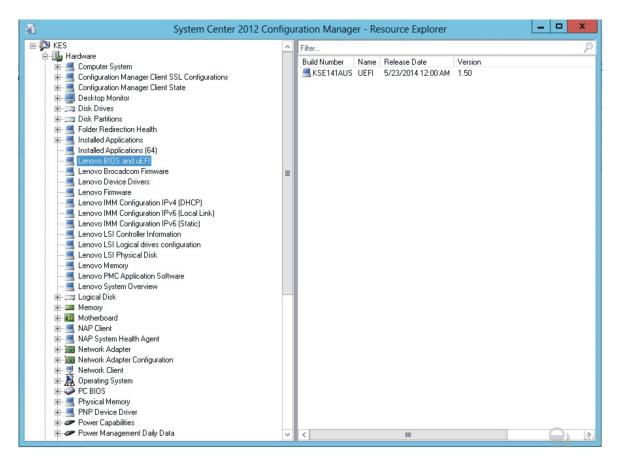


Figure 37. View hardware inventory

Appendix A. Troubleshooting

This section provides information to help you resolve issues that might arise.

Lenovo Inventory Tool cannot be installed

.NET Framework 2.0, 3.0, or 3.5 must be installed on the SCCM server as a prerequisite for the Lenovo Inventory Tool installation.

Issue: Lenovo Inventory Tool cannot install.

Possible solution:

Either install or ensure that .NET Framework 2.0, 3.0, or 3.5 is installed on the SCCM server or client.

Appendix B. Accessibility features

Accessibility features help users who have a physical disability, such as restricted mobility or limited vision, to use information technology products successfully.

Lenovo strives to provide products with usable access for everyone, regardless of age or ability.

Lenovo Inventory Tool for Microsoft System Center Configuration Manager supports the accessibility features of the system management software in which they are integrated. Refer to your system management software documentation for specific information about accessibility features and keyboard navigation.

The Lenovo Inventory Tool topic collection and its related publications are accessibility-enabled for the IBM Home Page Reader. You can operate all features using the keyboard instead of the mouse.

You can view the publications for Lenovo Inventory Tool for Microsoft System Center Configuration Manager in Adobe Portable Document Format (PDF) using the Adobe Acrobat Reader. You can access the PDFs from the Lenovo Inventory Tool for Microsoft System Center Configuration Manager download site.

IBM and accessibility

See the Lenovo Accessibility website for more information about the commitment that IBM has to accessibility.

Appendix C. System firewall settings

This section describes how to set firewall exceptions.

The following table list the ports used by Lenovo Inventory Tool for SCCM.

Table 4. Ports used by Lenovo Inventory Tool for Microsoft System Center Configuration Manager

Source			Target			Protocol
Port	Location	Component	Port	Location	Component	Protocol
Not specified	Management server	SCCM Inventory Tool	TCP 5988	Managed server	BMC	HTTP, CIM, SLP
Not specified	Management server	SCCM Inventory Tool	TCP 5989	Managed server	BMC	HTTPS, CIM, SLP
Note: You can change the BMC HTTP/HTTPS ports in BMC portal.						

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