Reconfiguring Microsoft System Center Configuration Manager for a Newer HP Client Catalog



HP Client Management Solutions

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Overview

If you configured the Microsoft[®] System Center Configuration Manager server for use with HP Client Catalog before June 2016, you must reconfigure System Center Configuration Manager for a newer HP Client Catalog. If a previous version of HP Client Catalog was imported into Microsoft System Update Publisher (SCUP), published with Windows Server Update Services (WSUS), and then synchronized to SCCM, the software update point must be either reconfigured or updated.

Importing the updated HP Client Catalog

- 1. Download the updated HP Client Catalog (June 2016 or later).
- 2. Import the download into SCUP.
- 3. In SCUP, verify that the **HP Business Clients** folder is available under **All Software Updates**.

System Center Updates Publisher 2011	→ +	15.14.150.172
Home Folders		
Create Import	Dish Expire Reactivate Expiration	
Verview	II HP Business Clients software updates	
All Software Updates End All Software Updates End All Software Updates	Name Update Type Classificatio	on Severity Article ID Bulletin ID CVE ID Expired Date Modified Date Published
HP Business Clients	HP Notebook System BIOS Upda Update Update	Important sp70119 No 1/20/2015 6/13/2016
Driver	HP Wireless Button Driver [1.1.15 Update Update	Important sp74484 No 6/10/2016 6/13/2016
Emeran	HP Z1 Series Workstation System Update Critical	Critical sp76248 No 6/9/2016
Filmware	HP Z230 Series Workstations Syst Update Critical	Critical sp69689 No 12/2/2014
	HP Z440/Z640/Z840 Workstation Update Update	Important sp76240 No 6/8/2016
	Intel Rapid Storage Technology Update Critical	Critical sp74082 No 2/16/2016
	Intel USB 3.0 eXtensible Host Cor Update Update	Low sp74052 No 5/26/2016 6/13/2016
	Nvidia Windows10 x64 Graphics Update Update	Low sp76237 No 6/7/2016

Publishing and synchronizing updates

- 1. Publish a few updates from the HP Client Catalog with WSUS.
- 2. Synchronize those updates with System Center Configuration Manager.

Updating the software update point

Removing an old software update point

- 1. Open System Center Configuration Manager.
- 2. Select Administration, select Overview, select Site Configuration, and then select Servers and Site System Roles.

3. Right-click **Software update point** and then select **Remove Role**.

•	-				
Hierarchy Configuration	lcon	Name	Site Code	Count of roles	Туре
Cloud Services		Wat	TST	10	Primar
4 Site Configuration					
Sites					
Servers and Site System Roles					
Note: Settings					
Security					
Distribution Points					
E Distribution Point Groups					
Migration					
	Site S	System Roles			
	lcon	Role Name		Role Description	
	1	Software update point			te that work Microsoft Windows Server Update Services (WSUS) and allows
	Ø	Management point		📟 Remove Role	to Configuration Manager client requests and accepts mana
Not the set of the set	1	Reporting services point		Properties	ides integration with SQL Server Reporting Services to create a
Software Library	1	Application Catalog webs	ite point	A site system ro	le that serves as an Application Catalog website point
Ner Solution Clandry	1	Application Catalog web	service point	A site system ro	le that serves as an Application Catalog web service point
Monitoring	1	Component server		Any server requ	iring a Configuration Manager service to be installed.
Administration	1	Site database server		A site system ro	le that runs Microsoft SQL Server and hosts the Configuration Manager sit
<u> </u>	3	Distribution point		A Configuration	Manager server role that stages packages for distribution to clients.

4. Refresh System Center Configuration Manager and verify that the software update point was removed.

Adding a new software update point

- 1. Open System Center Configuration Manager.
- 2. Select Administration, select Overview, and then select Site Configuration.
- 3. Right-click **Sites** and then select **Add Site System Roles**.

 Overview 	Search
Hierarchy Configuration	con Name
Cloud Services	TST - SCCM2012R2SP1C
 Site Configuration 	
🖏 Sites 🎊 Add	Site System Roles
Servers and Site System Roles	ate Site System Server
Client Settings	and the California
Security	rarcny settings

4. Select your server, and then select **Next**.

19	Add Site System Roles Wizard	×
General		
General Proxy System Role Selection Summary Progress Completion	Select a server to use as a site system Image: Name (example: server1.cop.contoso.com): Image: Imag	em
	< Previous Next > Summary Cancel	

- 5. If necessary, configure a proxy; otherwise, select **Next**.
- 6. Select **Software update point** and then select **Next**.

₩	Add Site System Roles Wizard	x
System Role Sele	ection	
General Proxy System Role Selection	Specify roles for this server	
Software Update Point Proxy and Account Settin Synchronization Source Synchronization Schedul Supersedence Rules Classifications Products Languages Summary Progress Completion	Available roles:	
	Description: A software update point integrates with Windows Server Update Services (WSUS) to provide software updates to Configuration Manager clients.	
< III >	< Previous Next > Summary Cancel	

7. Select an option for the **WSUS Configuration** and then select **Next**.

8	Add Site System Roles Wizard	x
Software Update	Point	
General Proxy	Specify software update point settings	
System Role Selection Software Update Point Proxy and Account Settin	A software update point integrates with Windows Server Update Services (WSUS) to provide software updates to Configuration Manager clients.	
Synchronization Source Synchronization Schedul Supersedence Rules	For Configuration Manager to use a software update point that is not installed on the site server, you must first install the WSUS administration console on the site server.	
Classifications Products	WSUS Configuration O WSUS is configured to use ports 80 and 443 for client communications (default settings for WSUS 3.0 SP2)	
Languages Summary Progress	WSUS is configured to use ports 8530 and 8531 for client communications (default settings for WSUS on Windows Server 2012)	
Completion	Require SSL communication to the WSUS server	
	Client Connection Type	
	Allow Internet only client connections	
	Allow Internet and intranet client connections	
< III >	< Previous Next > Summary Cancel]
Select Use credentia	Is to connect to the WSUS server, enter your credentials, and then select Nex	t.
8	Add Site System Roles Wizard	

1999 - Contra (1997)	Add Site System Roles Wizard
Proxy and Accou	int Settings
General Proxy System Role Selection	Specify proxy and account settings for the software update point
Software Update Point	Software update point proxy server settings
Proxy and Account Settin Synchronization Source Synchronization Schedul Supersedence Rules Classifications	Specify when to use a proxy server for software updates. You must configure the site system role to use a proxy server before you can select these settings.
Products	
Languages Summary Progress	WSUS Server Connection Account The WSUS Server Connection account provides authenticated access from the site to the WSUS server.
Completion	✓ Use credentials to connect to the WSUS server
	example\administrator Set 🔻
	< Previous Next > Summary Cancel
< III 5	

9. Select a synchronization source and then select **Next**.

Note

The following figure is an example. You do not have to select the same option.

1	Add Site System Roles Wizard
Synchronization S	ource
General Proxy	Specify synchronization source settings
System Role Selection Software Update Point Proxy and Account Settin	Select the synchronization source for this software update point.
Synchronization Source Synchronization Schedul Supersedence Rules Classifications Products Languages Summary Progress Completion	 Synchronize from Microsoft Update When there is an upstream software update point, this option is unavailable. Synchronize from an upstream data source location (URL) Example: http://WSUSServer:80 or https://WSUSServer:8531 <u>http://sccmserver.example.net:8530</u> Do not synchronize from Microsoft Update or upstream data source Select this option if you manually synchronize software update son this software update point. Typically, you use manual synchronizing when the software update point is disconnected from Microsoft Update or the upstream software update point.
	WSUS reporting events You can configure the Windows Update Agent on client computers to create event messages for Windows Server Update Services (WSUS) reporting. Configuration Manager does not use these events, you should not create them unless you require them for other uses. Do not create WSUS reporting events Create only WSUS reporting events Create all WSUS reporting events
< 111 >	< Previous Next > Summary Cancel

10. Select Next.

Note

To automatically test the synchronization configuration, select **Synchronization on schedule** and enter a date and time.

- 11. Select a supersedence behavior and then select **Next**.
- 12. Select the software update classifications and then select Next.

Classifications	
General Proxy System Role Selection	Select the software updat
Proxy and Account Settin Synchronization Source Synchronization Schedul Supersedence Rules	Software update classifications:
Classifications Products Languages	····♥ Service Packs ····♥ Tools ····♥ Update Rollups ····♥ Updates

13. Select HP Business Clients, in addition to the already selected products, and then select Next.

Note

If you have previously imported HP updates into System Center Configuration Manager, do not clear **Hewlett-Packard Business Clients**.



- 15. Select Next.
- 16. Select Next.

Executing publishing and synchronization tasks

After you run your publishing and synchronization taskes, any available HP updates can be deployed from System Center Configuration Manager.

Synchronize Software Updates	Run Schedule Summarization	Save Search	ed hes • Download Create Software Update Group	bership cense	Deploy	Move	Properties		
All Software Updates	Reports	Sear	rch Update	De	eployment	Move	Properties		
← →	Software Library Oven	iew ► S	oftware Updates 🕨 All Software Updates						
Software Library	<	All Softwa	re Updates 3 items						
4 💣 Overview		Search							
Application N	lanagement	Icon 1	Title	Bulletin ID	Required	Installed	Percent Compliant	Downloaded	Deployed
🔺 🚞 Software Upd	lates	1	HP Notebook System BIOS Update [F.06.A1]		0	0	0	No	No
🗟 All Software	Updates	1	HP Wireless Button Driver [1.1.15.1.A1]		0	0	0	No	No
lange Software Up	pdate Groups	1	Intel USB 3.0 eXtensible Host Controller for Skyl		0	0	0	No	No
🛐 Deploymen	t Packages								
📑 Automatic I	Deployment Rules								
🕨 📋 Operating Sys	stems								

Troubleshooting

The following entry that there was a subscriptions failure in the WCM.log that caused the synchronization task to fail:

Failed to set Subscriptions on the WSUS Server. Error: (-2147467259) Unspecified error

Configuration Manager Trace Log Tool - [C:\Program Files\\Logs\WCM.log]	-		x
👔 File Tools Window Help		- 6	×
📽 🗏 🚳 🐴 📕 🔲			
Log Text Component Date/Time	Threa	d	
Category Product:cb263e3f-6c5a-4b71-88fa-1706f9549f51 (Windows Internet SMS_WSUS_CONFIG 3/13/2014 3:23:38 PM 3	364 (0	0xD24)	^
Category Product:ec9aaca2-f868-4f06-b201-fb8eefd84cef (Windows Server 2 SMS_WSUS_CONFIG 3/13/2014 3:23:38 PM 3	364 (0	0xD24)	
Category Product:fdfe8200-9d98-44ba-a12a-772282bf60ef (Windows Server SMS_WSUS_CONFIG 3/13/2014 3:23:38 PM 3	364 (0	0xD24)	
Subscription contains categories unknown to WSUS and SUP has no upstrea SMS_WSUS_CONFIG 3/13/2014 3:23:38 PM 3	364 (0xD24)	
Failed to set Subscriptions on the WSUS Server. Error: (-2147467259)Unspecifi SMS_WSUS_CONFIG 3/13/2014 3:23:38 PM 3	364 (0	0xD24)	
STATMSG: ID=6603 SEV=E LEV=M SOURCE= "SMS Server" COMP= "SMS_WS SMS_WSUS_CONFIG 3/13/2014 3:23:38 PM 3	364 (0	0xD24)	
Waiting for changes for 60 minutes SMS_WSUS_CONFIG 3/13/2014 3:23:38 PM 3	364 (0	0xD24)	
Trigger event array index 0 ended. SMS_WSUS_CONFIG 3/13/2014 3:33:07 PM 3	364 (0	0xD24)	
SCF change notification triggered. SMS_WSUS_CONFIG 3/13/2014 3:33:12 PM 3	364 (0	0xD24)	
Populating config from SCF SMS_WSUS_CONFIG 3/13/2014 3:33:12 PM 3	364 (0	0xD24)	
Attempting connection to WSUS server: port: 8530, useSSL: False SMS_WSUS_CONFIG 3/13/2014 3:33:12 PM 3	364 (0	0xD24)	
Successfully connected to server: port: 8530. useSSL: False SMS WSUS CONFIG 3/13/2014 3:33:12 PM 3	364 ((0xD24)	\mathbf{x}
Date/Time: 3/13/2014 3:23:38 PM Component: SMS_WSUS_CONFIGURATION_MANAG			
Thread: 3364 (0xD24) Source:			
Subscription contains categories unknown to WSUS and SUP has no upstream server.~ Please either unsubscribe the unknown categori into WSUS an upstream package containing them.	ies or i	mport	<
Elapsed time is 86h 54m 13s 3ms (312853.003 seconds)			

There is a workaround for this issue. Do the following:

- 1. In SCUP, remove the HP catalogs both the **Hewlett-Packard Business Clients** catalog and the **HP Business Clients** catalog.
- 2. On the configuration tab of the software update point, remove **Hewlett-Packard Products and Classifications**.
- 3. From WSUS, run a synchronization task and verify that it completes.

4. Run Software Update Synchronization.

Note

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No updates are synced, but the products and classifications catalog is.

- 5. Open WCM.log and WsyncMgr.log to verify that the synchronization task ran successfully.
- 6. Follow the procedure in <u>Adding a new software update point</u> to add the **HP Business Clients** catalog.
- 7. Run the synchronization task again.

For more information

For more information on using Microsoft System Center Configuration Manager, go to Microsoft's information page: <u>http://technet.microsoft.com/en-us/library/cc507089.aspx</u>.

For all your client manageability needs, go to the **HP Client Management Solutions** website: <u>http://www.hp.com/go/clientmanagement</u>.

Sign up for updates hp.com/go/getupdated

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