Patch for SCCM 2020.1

Upgrade Guide

Welcome

Purpose of this Guide

Welcome to Ivanti Patch for SCCM 2020.1. This document describes how to upgrade from Patch for SCCM 2019.2, 2019.1 or 2.4.

In addition to describing the upgrade procedure, this document lists a number of functional differences you should be aware of when upgrading to Ivanti Patch for SCCM 2020.1.

New System Requirements and Prerequisites

- A SQL Server database is now mandatory and each user must have read/write permission to the database. You can use any version of SQL Server that is supported by Microsoft's System Center Configuration Manager.
- Access to the following URL is required in order to download the new Application catalog:

  https://application.ivanti.com

See the Ivanti Patch for SCCM help system for the complete list of system requirements.

Upgrade Procedure

Overview

This section describes how to upgrade to Patch for SCCM 2020.1 from Patch for SCCM 2019.2, 2019.1 or 2.4. Before performing the upgrade, be sure to read the New Features sections so you are aware of how the upgrade will affect your system.

Performing the Upgrade

1. Close all programs running on the console machine, including Microsoft's System Center Configuration Manager.

   This includes instances of Microsoft's System Center Configuration Manager that are running on remote consoles.

2. Download the Ivanti Patch for SCCM 2020.1 executable file to your console machine using the following link:

   https://go.ivanti.com/Web-Download-Patch-SCCM.html

3. Double-click the file named **SCCMPatchSetup.exe**.

4. Respond to the dialog that asks if you want to continue with the upgrade.

   If you click **Yes** and your console machine is missing one or more prerequisites, you will be prompted to install the prerequisites; a reboot may be required. If you are not missing any prerequisites, the **License Agreement** dialog is displayed.

5. Accept the license agreement and then click **Install**.

   After the files have been installed the **Completed** dialog is displayed.

6. Click **Finish**.

7. Repeat this process on each remote console that contains Patch for SCCM.

Your next steps should be to:

- Use the Data Migration Tool to migrate your settings to the SQL Server database
- Refresh your license
- Review your settings and scheduled task

See the next section for complete details.

Upgrade Tasks Performed on the Console

In order to complete the upgrade, the following tasks must be performed on the Ivanti Patch for SCCM console.

Migrate Your Settings to the SQL Server Database

Patch for SCCM 2020.1 introduces the concept of unified settings. Unlike previous versions, all settings are now saved to a SQL Server database. In addition, most settings are now shared among all users.

A Data Migration Tool is provided to transform settings in previous versions of Patch for SCCM to the unified settings concept used in Patch for SCCM 2020.1. This tool is launched automatically when you access Patch for SCCM for the first time following an upgrade. The Data Migration Tool must be run on all consoles.

For information about using the Data Migration Tool, see:
https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/Data-Migration-Tool.htm

IMPORTANT! Patch for SCCM 2019.2 consoles must not be allowed to connect to a migrated database.

Refresh Your License

If you purchased additional license entitlements, you should refresh your license. To do this, click the **Settings** toolbar icon, select the **License** tab and then click **Enter / refresh license key**.

For details on the license activation process, see:
https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/License_Tab.htm

Review Your Program Settings

All of your existing program settings should be preserved during the upgrade process. Just to be sure, however, you should click **Settings** and verify all configuration options on all of the tabs. In particular:

- On the **License** tab, verify that the license key details and expiration date are as you expect.
- On the **Application Management** tab, specify the folder that will be used to store the installers for any third-party applications that you choose to deploy.

Review Your Scheduled Task

If you had a scheduled task defined on the old **Schedule** tab, verify that it is now contained on the new **Scheduled Tasks** dialog.

New Features Introduced in Patch for SCCM 2020.1

Deployment of Third-Party Applications

You can deploy a number of free, third-party applications to your endpoints. This is accomplished by selecting an application from the Application catalog and importing it into Microsoft's SCCM. Once there, the installer for the third-party application will be downloaded to the WSUS and pushed out to your endpoints using your regular SCCM infrastructure.

For details, see: https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/Deploying-Third-Party-Applications.htm

Unified Settings

The concept of opting in to shared settings has been eliminated. All settings are now shared by all users and are saved to a SQL Server database. Using the database allows you to perform backups and restores of all of your user settings. The **Shared Settings** tab that was used in previous versions has been removed.

For details, see: https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/Configuring-Your-Settings.htm

Data Migration Tool

The Data Migration Tool is being introduced in conjunction with the Unified Settings feature. For new installations, the tool will create and configure the required SQL Server database. For upgrading users, if necessary, it will create a database and it will migrate the settings and user data that were used in your previous version of Patch for SCCM.

For details, see: https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/Data-Migration-Tool.htm

Alert History View

Provides a way to view all of the alerts that have been issued by Patch for SCCM. All alerts are included, regardless of whether an email notification is configured to be sent when an alert type is triggered.

For details, see: https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/Alert-History.htm

Hide Updates with Inactive Download Links

Updates that are no longer available for download will be hidden within the main grid whenever the **Latest not-published** filter is applied.

Adding Administrator Information in Edited Updates is Now Optional

It is now your choice whether to include user name and date information with edited updates that are published.

For details, see: https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/Editing-Information.htm

Improved Product Licensing Process

A new credentials-based activation method is now available. This enables you to specify exactly how many of your available license seats you want to consume on a specific entitlement. The legacy key-based activation method is still supported for upgrading customers who prefer that method.

For details, see: https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/License_Tab.htm

Updated Graphics

New graphics and icons give the product a more current look and feel.

For details, see: https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/Toolbar_Buttons.htm

New Features Introduced in Patch for SCCM 2019.2

Note: When reviewing this list, remember that the concept of shared settings has been replaced in v2020.1 with unified settings.

Recommended Updates

Patch for SCCM can provide a list of updates that are uniquely recommended specifically for your organization. When you use the Recommended Updates feature, it will create a list of the latest updates for all the software products that are installed on your managed client machines. You then use that list to create a Smart Filter that in turn can be used to identify which updates to publish within your recurring publication tasks.

For details, see: https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/Recommended_Updates.htm

Scheduled Deployment Calendar

A calendar is provided that shows the names, dates and times of all scheduled deployments and auto-deployments. To access the calendar, within the Configuration Manager **Monitoring** workspace, expand the **Ivanti Patch** folder and then select **Scheduled Deployments**.

Sideloading Updates

The Sideload Updates feature helps you publish updates that cannot be automatically downloaded. Sideloading means the update files are downloaded manually, their contents are verified and then the files are saved to the proper directory within the local source folder.

For details, see: https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/Sideloading_Updates.htm

Update Template

This feature provides a means of applying customization to updates in a supersedence chain by using a template. You create templates that provide a pre-installation script and/or a post-installation script. You can also provide a set of custom files that can be referenced in these scripts. The Shared Settings feature must be enabled in order to create and use an Update Template.

For details, see: https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/What-is-an-Update-Template.htm

Manage Products Dialog

The Manage Products dialog has been reworked so that all functionality now appears on one unified grid.

SQL Server Requirement When Using Shared Settings

Every user who chooses to use the Shared Settings feature must have access to a SQL Server database. The database is used to store the shared setting data. Patch for SCCM no longer requires Windows Management Instrumentation (WMI).

New Features Introduced in Patch for SCCM 2019.1

Support for Multiple Scheduled Tasks

You are now able to create multiple recurring scheduled tasks for each console. Previous versions limited the number of scheduled tasks to one per user on each console. Beginning with 2019.1, each user can now create multiple scheduled tasks on each console. In addition, scheduled tasks will be shared by all users who have elected to share settings.

For details, see: https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/Scheduling_A_Recurring_Task.htm

High DPI Support

The dialogs within the product have been updated to support dynamic display scale factor (a.k.a. DPI). This allows the plug-in to automatically and properly scale for each display it is viewed on.

New Features Introduced in Patch for SCCM 2.4 Update 2

Importing CVEs

The Common Vulnerabilities and Exposures (CVE) List is a public reference of known cybersecurity vulnerabilities. A new feature is now available to import a list of CVEs. Patch for SCCM will automatically determine which updates are related to each CVE and it will display those updates for your review. You select which updates you want to publish and then use the normal manual publication process.

Add to Software Update Group

Microsoft's System Center Configuration Manager provides the use of software update groups to help you organize and deploy your software updates. Updates that are published using Patch for SCCM can be automatically added to a new or existing software update group.

New Features Introduced in Patch for SCCM 2.4 Gold

Alerts

Alerts are now available that notify you of important events. You can customize the severity level of each alert configuration as you see fit: Information, Warning, or Critical. You view active alerts within the product, and you can choose whether you want to receive alert notifications via email.

For details, see: https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/What_are_Alerts.htm

Shared Settings

There are now two different configuration setting levels available within the product.

- **User settings:** With this option, all settings are uniquely configured for each user on each console machine. This is the default option and mimics the functionality in version 2.3.
- **Shared settings:** With this option, certain settings can be shared by other users of the product. The shared settings apply regardless of where or who you are when you access the console. This simplifies the setup process for other users and for yourself if you move between consoles.

For details, see: https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/Shared_Settings_Tab.htm

Shared Filters

You can specify if your custom Smart Filters and your composite filters will be available only to you or if they will be available to other users. You must opt in to the **Shared Settings** feature in order to share your filters.

For details, see: https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/Custom_Filters.htm

One Shared Site-Wide Recurring Task

Note: Support for multiple shared tasks has now been added in v2019.1.

If you opt in to the **Shared Settings** feature and you choose to automatically publish updates using a recurring scheduled task, that task will be visible and editable on all consoles. It will also become the single recurring task for all users who opt in to shared settings.

New Grid Control

Information is now presented using a new grid control system. This provides many more capabilities for displaying, grouping, organizing and filtering your data columns.

Real-Time Status

Real-time status of tasks performed on the console is now shown in the grid.

Timestamp Server

You can now apply a timestamp to your WSUS packages during the publication process. One benefit to providing a timestamp is that you will not need to re-sign update packages when a WSUS signing certificate expires. This is because the timestamp allows the signature to be verified even after the signing certificate has expired.

For details, see: https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/WSUS_Server_Tab.htm

Relaxed Version Matching Requirement

When using Patch for SCCM in an environment in which the WSUS Server and the SCCM console reside on different machines, the operating system versions of the two machines no longer need to match.

Updated Search Tool

The search tool used to locate updates in the top pane of the grid has been improved. It contains an updated syntax and has a new look.

Full Ivanti Rebrand

Images and icons have been updated to reflect the Ivanti brand. In addition, all references to Shavlik and LANDESK have been removed. Directory paths, folder names and scheduled tasks are automatically updated during the upgrade process.