

# Patch for SCCM 2019.2

## Upgrade Guide

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## Welcome

### Purpose of this Guide

Welcome to Ivanti Patch for SCCM 2019.2. This document describes how to upgrade from Patch for SCCM 2019.1, Patch for SCCM 2.4 or Patch for SCCM 2.3.

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 2019.2.

### New System Requirements and Prerequisites

If you are upgrading from Patch for SCCM 2019.1 or earlier, please note the following new requirement:

- Microsoft Visual C++ 2015-2019 Redistributable (x86 and x64) is now required (was Visual C++ 2015)
- Every user who chooses to use the Shared Settings feature must have access to a SQL Server database. Patch for SCCM no longer requires Windows Management Instrumentation (WMI).

If you are upgrading from Patch for SCCM 2.3, please note the following new requirements and prerequisites for Ivanti Patch for SCCM 2019.2.

- Windows Server 2016 and Windows Server 2019 (excluding Server Core and Nano Server) are now supported operating systems for the console machine.
- .NET Framework 4.8 or later is now required (was .NET 4.6.1 or later).
- If you intend to use the new Alerts feature to receive alert notifications via email, then SCCM must be configured to allow email notifications.
- 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.

See the [Ivanti Patch for SCCM help system](#) for the complete list of system requirements.

## Upgrade Procedure

### Overview

This section describes how to upgrade from Patch for SCCM 2019.1, Patch for SCCM 2.4 (Gold, Update 1 or Update 2) or Patch for SCCM 2.3 to Patch for SCCM 2019.2. 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.
2. Download the Ivanti Patch for SCCM 2019.2 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**.

Your next steps should be to access the program, activate your license and re-configure your settings. 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.

### 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:

- (Customers upgrading from v2.3): On the new **Shared Settings** tab, by default the **Use shared settings** check box will not be enabled in order to mimic your old v2.3 environment. If you are interested in enabling this feature, please see: [https://help.ivanti.com/iv/help/en\\_US/PAT/24/Topics/Shared\\_Settings\\_Tab.htm](https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/Shared_Settings_Tab.htm)
- On the **License** tab, verify that the license key details and expiration date are as you expect.

### 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 2019.2

### 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](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**.

### Sideload Updates

The Sideload Updates feature helps you publish updates that cannot be automatically downloaded. Sideload 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/Sideload\\_Updates.htm](https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/Sideload_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](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](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.

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## 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](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](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](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](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.