Ivanti Patch for SCCM v2019 Update 2

In this post, I will show you the install process and post configuration on how to patch 3rd party updates using Ivanti Patch for SCCM.

System Requirements

Here are the requirements for installing and using Patch for SCCM:

- Patch for SCCM installs as a plug-in to an existing Configuration Manager 2012 or later console. The Configuration Manager console must be installed on a 64-bit version of one of these Windows operating systems (excludes Server Core and Nano Server):

  - Windows Server 2019

  - Windows Server 2016

  - Windows Server 2012 R2

  - Windows Server 2012

  - Windows Server 2008 R2 SP1

  - Windows 10, Pro or Enterprise Edition

  - Windows 8.1

  - Windows 7 SP1

- .NET Framework 4.8 or later

  If you are missing this requirement, .NET Framework 4.8 will be installed for you during the installation of Patch for SCCM.

- Microsoft Visual C++ 2015-2019 Redistributable (x86 and x64)

  If you are missing these requirements, they will be installed for you during the installation of Patch for SCCM.

- Windows Server Update Services (WSUS) requirements:

  - If Patch for SCCM is installed on the primary WSUS server and you are using Windows Server 2016, Windows Server 2012 or Windows 8.1, then the WSUS API and the PowerShell cmdlets features must be enabled.

  - If Patch for SCCM is on a remote Windows 8.1 machine, then the remote admin tools feature must be installed on that machine.

  - If the primary WSUS server is running WSUS 3.0 SP2, then the WSUS 3.0 SP2 Administration Console must be installed on the same machine as Patch for SCCM. Patches KB2720211 and KB2734608 must be applied to both the WSUS server and the Configuration Manager Console machines.

- Every user who chooses to use the Shared Settings feature must have access to a SQL Server database and 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.

- If you intend to automatically publish updates using a recurring scheduled task, then the Microsoft Task Scheduler service must be enabled and you must have the rights necessary to create scheduled tasks.

- If you intend to receive alert notifications via email, then SCCM must be configured to allow email notifications. For more information, see Managing Alerts.

- The user running Patch for SCCM must:

  - Be a member of the **WSUS Administrators group** on the WSUS server

  - Have **Log on as a batch job** rights

  - Be assigned to the **All instances of the objects that are related to the assigned security roles** security scope

  In addition, if the WSUS Server is remote, the user must be a member of the local administrators group on the WSUS Server.

- You must add a number of web URLs to your firewall, proxy and web filter exception lists. The URLs are used by Patch for SCCM to download updates from third-party vendors.

  For the complete list of URLs that you should add, see:

  https://forums.ivanti.com/s/article/URL-Exception-List-for-Ivanti-Patch-for-SCCM

- Federal Information Processing Standard (FIPS) environments

  When operating in a FIPS environment, the console must be configured as a FIPS-compliant machine before you install Patch for SCCM. If FIPS is enabled after the installation, you must reinstall Patch for SCCM.

- Client machine requirements:

  Each of your client machines must meet the following requirements in order to deploy non-Microsoft updates distributed by a WSUS server:

  - Must contain a copy of the code signing certificate in the appropriate certificate stores

  - Must have enabled the **Allow signed updates from an intranet Microsoft update service location** policy setting

You can download trial from this page

Application Control   Identity Director   Service Desk

Asset Manager   ITSM Integration   Service Management

Automation   Ivanti Cloud   Service Manager

Avalanche   LANrev   Smart Device Remote Control

Browser Solutions   License Optimizer   Speakeasy

Data Center Discovery   Management Center   Terminal Emulation

Device Control   Optimizer for SAP   Unified Endpoint Manager

Endpoint Manager   Package Studio   User Workspace Manager

Endpoint Security for Endpoint Manager   Password Director   Velocity

Enterprise Service Management   Patch for Endpoint Manager   Voice

Environment Manager   Patch for Linux, UNIX, Mac   Workspace Control

Environment Manager Policy   Patch for SCCM   Xtraction

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Ivanti Patch for SCCM
Software Support Downloads

In 30 minutes or less, you'll be patching your third-party applications right out of your Microsoft SCCM Console.

NOTE: We have changed product versioning to a standard Ivanti format.

Ivanti Patch for SCCM

- Download v2019.2 Update 2 – 57.4 MB (.exe)

    - SHA-1: 01D1D9E9C593EBA80DB543D545B0185296FC2A44

    - SHA-256: 75641700A0BB600140D16503B975B9CCD10A18245555EB5B2F650D9851875D56

- Ivanti Patch for SCCM v2019.2 Release Notes

- Ivanti Patch for SCCM v2019.2 Update 1 Release Notes
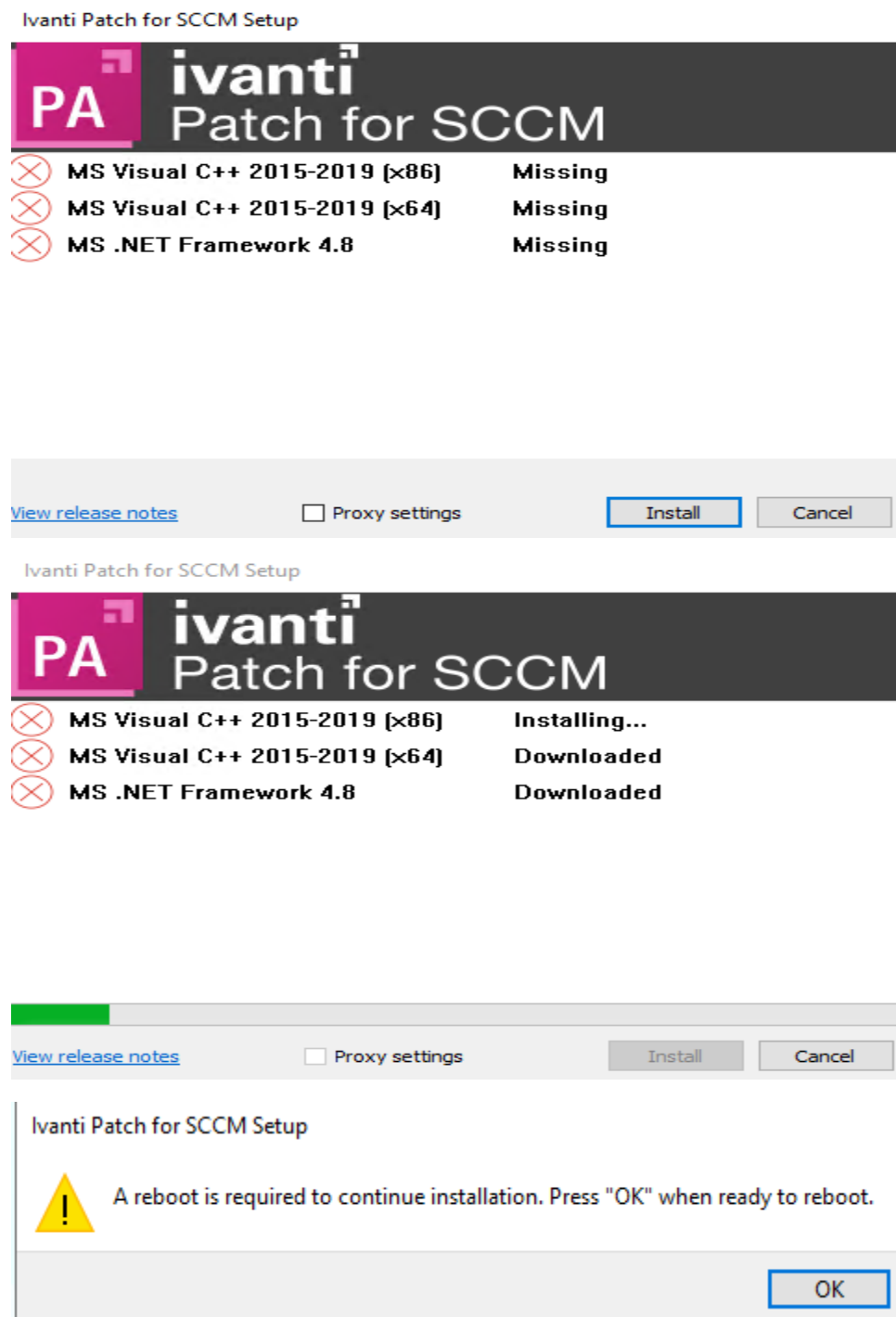
- Ivanti Patch for SCCM v2019.2 Update 2 Release Notes

https://help.ivanti.com/iv/help/en_US/PAT/24/Topics/Installation.htm

https://forums.ivanti.com/s/patch-for-sccm

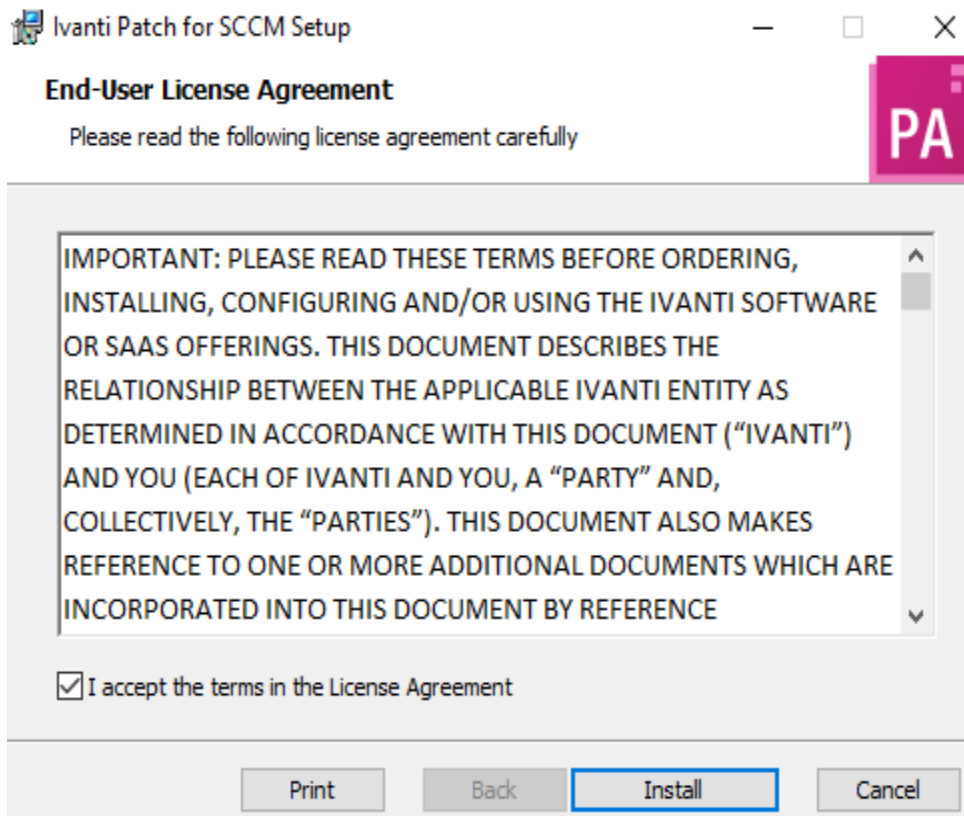I downloaded these files to start off the install.

CB > Downloads > Ivanti Patch for SCCM

Name	Date modified	Type	Size
rn-patch-2019-2-Update2.pdf	14-May-2020 10:2...	Adobe Acrobat D...	53 KB
SCCMPatchSetup_2019.2er2.exe	14-May-2020 10:2...	Application	58,874 KB

Close Configuration Manager console before you start the install.

Ivanti Patch for SCCM Setup

PA **ivanti Patch for SCCM**

⊗	MS Visual C++ 2015-2019 (x86)	Missing
⊗	MS Visual C++ 2015-2019 (x64)	Missing
⊗	MS .NET Framework 4.8	Missing

View release notes   ☐ Proxy settings   Install   Cancel

Ivanti Patch for SCCM Setup

PA **ivanti Patch for SCCM**

⊗	MS Visual C++ 2015-2019 (x86)	Installing...
⊗	MS Visual C++ 2015-2019 (x64)	Downloaded
⊗	MS .NET Framework 4.8	Downloaded

View release notes   ☐ Proxy settings   Install   Cancel

Ivanti Patch for SCCM Setup

⚠ A reboot is required to continue installation. Press "OK" when ready to reboot.

OK

Ivanti Patch for SCCM Setup — □ ✕

End-User License Agreement

Please read the following license agreement carefully

PA

IMPORTANT: PLEASE READ THESE TERMS BEFORE ORDERING,
INSTALLING, CONFIGURING AND/OR USING THE IVANTI SOFTWARE
OR SAAS OFFERINGS. THIS DOCUMENT DESCRIBES THE
RELATIONSHIP BETWEEN THE APPLICABLE IVANTI ENTITY AS
DETERMINED IN ACCORDANCE WITH THIS DOCUMENT ("IVANTI")
AND YOU (EACH OF IVANTI AND YOU, A "PARTY" AND,
COLLECTIVELY, THE "PARTIES"). THIS DOCUMENT ALSO MAKES
REFERENCE TO ONE OR MORE ADDITIONAL DOCUMENTS WHICH ARE
INCORPORATED INTO THIS DOCUMENT BY REFERENCE

☑ I accept the terms in the License Agreement

Print   Back   **Install**   Cancel

After the install open Configuration Manager Console.

Software Library

- ◢ 🗗 Overview
  - ▸ 📁 Application Management
  - ◢ 📁 Software Updates
    - 📑 All Software Updates
    - 📑 Software Update Groups
    - 📑 Deployment Packages
    - 📑 Automatic Deployment Rules
    - 📑 Third-Party Software Update Catalogs
    - 🔶 Ivanti Patch ⬅
    - 🔷 Published Third-Party Updates
  - ▸ 📁 Operating Systems
  - ▸ 📁 Windows 10 Servicing
  - ▸ 📁 Desktop Analytics Servicing
  - ▸ 📁 Microsoft Edge Management
  - ▸ 📁 Office 365 Client Management
  - ▸ Scripts

Post Configuration:

Ivanti Patch for SCCM Settings

Welcome	**Share settings and filters**
Shared Settings	By default, all settings are user settings. This means the choices you make are unique to you on this machine. If there are multiple users, each user must specify their own settings on each console machine.
WSUS Server	
Proxy	You have the option to use Shared Settings. This means that certain settings can be shared by other users who also choose to use Shared Settings. The settings that can be shared include:
License	
Languages	- WSUS Server name and port
Catalogs	- Timestamp server settings
Verify Setup	- License activation key
About	- Scheduled task

- Offline settings
- Configuration of alerts
- Smart Filters
- Update templates

For more details, see the Shared Settings topic in the help system.
Ivanti Patch for SCCM requires a database be installed to use the Shared Settings feature.

☑ Use Shared Settings

Create a connection

Create a new connection to a database to store Ivanti Patch for SCCM data.

Server name: (local) ▾ | Test server connection
Database name: CM_TOR ▾

Ivanti Patch for SCCM uses Integrated Windows Authentication.
The database must be installed on a SQL server in a domain trust relationship with the domain 'RAMLAN.CA'.

☑ Configure database permissions
The groups selected below will be enrolled in the db_datareader and db_datawriter roles on the database.

☐ RAMLAN\OMAdmins
☐ RAMLAN\SMAdmin
☑ RAMLAN\Domain Admins | Refresh

Save connection ⬅

< Back | Next > | Finish | Cancel

Confirm Update ✕

ⓘ The database 'CM_TOR' has an update that needs to be applied. Any Shared Settings present will be overwritten with your current settings using the new schemas. Update the database?

Update | Cancel

Database Operation Successful

The CM_TOR database was successfully updated.

OK

Opt-In to Shared Settings ✕

❓ The following settings may be affected by opting in to Shared Settings and should be verified:
- WSUS Server: (WSUS Server and Timestamp server)
- Offline Options: (Local source for updates and disconnected mode)
- Configuration of alerts
- Update templates

OK | Cancel

Ivanti Patch for SCCM Settings

Setting on this tab will affect all users on this site.

WSUS Server

Name: CB.RAMLAN.CA

Port: 8530

Test connection

☐ Use a secured connection to this server.

Microsoft recommends using SSL to ensure security when connecting to your server.

WSUS signing certificate

The signing certificate is used to digitally sign the content you publish to the WSUS server. Before a client can receive locally published updates, this certificate needs to be distributed into its Trusted Root and Trusted Publishers stores. Additionally, the client needs to allow updates signed by trusted publishers. This can be accomplished by creating a GPO assigned to the domain to distribute the certificate to the clients. Make sure the GPO includes the template "Allow signed updates from an intranet Microsoft update service location."

Export...   Import...   Create a self-signed certificate

Current certificate

Subject: CN=WSUS Publishers Self-signed

Issued By: CN=WSUS Publishers Self-signed

Effective: 12-Oct-2019 10:38:08 AM to 10-Oct-2024 10:38:08 AM

View certificate

Signing timestamp

☐ Use a timestamp server when signing WSUS packages.

Server:

Test

< Back   Next >   Finish   Cancel

Ivanti Patch for SCCM Settings

The proxy settings configured in Internet Explorer will be used. If you are required to supply a user name and password when accessing the Internet from your web browser, please enter those credentials below.

Do I need proxy information?

☐ Use proxy

Proxy credentials:

User name:

Password:

Verify proxy

< Back   Next >   Finish   Cancel

Ivanti Patch for SCCM License Activation   ✕

Most features of Ivanti Patch for SCCM are unavailable until you complete activation.

Online activation requires Internet access. If you access the Internet through a proxy, verify your proxy settings by clicking 'Configure proxy'.

Please contact Ivanti Patch for SCCM customer support for assistance with licensing. Contact information is available at https://www.ivanti.com/support/ivanti-support.

1. Select an activation mode
○ Product license
● Trial mode
Import manual license...

2. Enter your activation key(s)

	Add
	Remove
	Paste

3. Select an activation method
○ Manual
● Online

Configure proxy   Activate online now   Cancel

Ivanti Patch for SCCM License Activation   ✕

Most features of Ivanti Patch for SCCM are unavailable until you complete activation.

Online activation requires Internet access. If you access the Internet through a proxy, verify your proxy settings by clicking 'Configure proxy'.

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1. Select an activation mode
○ Product license
● Trial mode
Import manual license...

2. Enter your activation key(s)

	Add
8MFMKROS5EV95YAJVYSFJ7XHI	Remove
	Paste

3. Select an activation method
○ Manual
● Online

✓ Ivanti Patch for SCCM product activation successfully completed.

Configure proxy   Activate online now   Close

Ivanti Patch for SCCM Settings ✕

Welcome	License Key:
Shared Settings	-------------------
WSUS Server	Activation key: 8MFMKROS5EV95YAJVYSFJ7XHI
Proxy	Key details
License	Key: 8MFMKROS5EV95YAJVYSFJ7XHI, Expires on: 2020-07-15, Status: Valid, Seats: 50
Languages	Licensed Capabilities
Catalogs	-------------------
Verify Setup	License expires on: 2020-07-15 Status: Valid Seats: 50
About	Trial expires on: 2020-07-15 Status: Valid
	Trial is limited to 5 different products from the catalog.

IAVA : Not enabled
Partner Catalogs : Enabled
User-defined Catalogs : Enabled

🛡 Enter / refresh license key

[< Back] [Next >] [Finish]   [Cancel]

Ivanti Patch for SCCM Settings ✕

Welcome	Some updates have a different package for each language that the product supports. Choose which packages to display for that type of update.
Shared Settings	◯ All languages
WSUS Server	⦿ Languages configured in WSUS
Proxy	WSUS is configured to download all languages
License	◯ Languages selected below
Languages	
Catalogs	Languages must also be configured in the Languages tab of the Software Update Point Component Properties.
Verify Setup	
About	

Language	WSUS	Display
Arabic (ar)	☑	☑
Bulgarian (bg)	☑	☑
Chinese (zh-cn)	☑	☑
Chinese (zh-hk)	☑	☑
Chinese (zh-tw)	☑	☑
Croatian (hr)	☑	☑
Czech (cs)	☑	☑

[< Back] [Next >] [Finish]   [Cancel]

Ivanti Patch for SCCM Settings

Welcome
Shared Settings
WSUS Server
Proxy
License
Languages
Catalogs
Verify Setup
About

Optional catalogs

Import additional update catalogs that you would like to manage. Only those catalogs that you import and mark as Active will be displayed.

Active	Name	Status
☑	Ivanti Catalog	Automatic
☐	Dell Server Updates	Not imported
☐	HP ProLiant Catalogue	Not imported
☐	HP Enterprise Client Update	Not imported
☐	Dell Business Client Update	Not imported

The catalog must be imported before it can be made active.

Selected: → Import / update data   Delete imported data

Custom catalog: Add   Edit   Remove

Dell Server Updates
URL: ftp://ftp.dell.com/catalog/DellISDPCatalog.cab

Metadata options

Occasionally, metadata for updates is revised to add or correct information. When metadata revisions are available for updates that have already been published:

◉ Prompt me when metadata revisions are available.
◯ Update WSUS metadata without prompting me.
◯ Do not prompt me and do not update WSUS.

Revisions to updates that have been edited by the customer will not be automatically applied since they could conflict with customer edits. The AutoPublish log will indicate which revisions are not applied.

< Back   Next >   Finish   Cancel

Ivanti Patch for SCCM Settings

Welcome
Shared Settings
WSUS Server
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License
Languages
Catalogs
Verify Setup
About

Optional catalogs

Import additional update catalogs that you would like to manage. Only those catalogs that you import and mark as Active will be displayed.

Active	Name	Status
☑	Ivanti Catalog	Automatic
☑	Dell Server Updates	Up to date
☑	HP ProLiant Catalogue	Up to date
☑	HP Enterprise Client Update	Up to date
☑	Dell Business Client Update	Up to date

Import complete: Dell Business Client Update. Updates: 4931

Selected: Import / update data   Delete imported data

Custom catalog: Add   Edit   Remove

Dell Business Client Update
URL: ftp://ftp.dell.com/catalog/DELLSDPCatalogPC.cab
Imported version last updated: 12-May-2020 9:10:26 AM   Updates: 4931
You have the latest known revision of this catalog.
Last checked for update: 15-May-2020 8:36:25 AM.

Metadata options

Occasionally, metadata for updates is revised to add or correct information. When metadata revisions are available for updates that have already been published:

◉ Prompt me when metadata revisions are available.
◯ Update WSUS metadata without prompting me.
◯ Do not prompt me and do not update WSUS.

Revisions to updates that have been edited by the customer will not be automatically applied since they could conflict with customer edits. The AutoPublish log will indicate which revisions are not applied.

< Back   Next >   Finish   Cancel

Welcome	Click the button below to verify that your environment is set up properly to use Ivanti Patch for SCCM. This will launch the Configuration Checker utility using the settings you have entered. You can test other settings and accounts from within the Configuration Checker utility.
Shared Settings	
WSUS Server	The Configuration Checker requires Administrator privileges.
Proxy	To run the configuration checker from the command line, launch:
License	C:\Program Files (x86)\Microsoft Configuration Manager\AdminConsole\bin\ST.SCCM.ConfigurationChecker.exe
Languages	
Catalogs	🛡 Launch Configuration Checker ⬅
Verify Setup	
About	

< Back   Next >   Finish   Cancel

Ivanti Patch for SCCM Configuration Checker   — ☐ ✕

WSUS Server FQDN: CB.RAMLAN.CA   Port: 8530

User account (domain\user):   RAMLAN\Administrator   Account password: ••••••••

                                                              (Optional for account 'RAMLAN\Administrator'. Providing password for this
☐ Use proxy   account enables access to all checks.)

Proxy user name: Proxy password:

Configuration Manager Server FQDN: CB.RAMLAN.CA

Start   Close

Result	Description of the check	Details

Ivanti Patch for SCCM Configuration Checker

WSUS Server FQDN: `CB.RAMLAN.CA`   Port: `8530`

User account (domain\user): `RAMLAN\Administrator`   Account password: `••••••••`

☐ Use proxy

(Optional for account 'RAMLAN\Administrator'. Providing password for this account enables access to all checks.)

Proxy user name: _____

Proxy password: _____

Configuration Manager Server FQDN: `CB.RAMLAN.CA`

[Start] Complete   [Close]

Result	Description of the check	Details
Pass	A connection can be made to a valid database that contains Shared Settings.	
Pass	User has 'Log on as a batch job' privilege on this computer.	
Pass	User is a member of the 'Administrators' group on the WSUS server.	
Pass	User is a member of the 'WSUS Administrators' group on the WSUS server.	
Pass	User has correct SCCM Security settings.	
Pass	A connection can be made to the WSUS server using the port specified.	
Warning	Check for a secure connection to the WSUS server.	An SSL connection to the WSUS server is recommended.
Pass	A WSUS signing certificate is in place and can be accessed by the user.	CN=WSUS Publishers Self-signed Serial number: 3379983E4036A6BD421FC353CE67EF70
Pass	The WSUS signing certificate is not expired.	Valid from 12-Oct-2019 to 10-Oct-2024.
Pass	WSUS signing certificate is in Root store on CB.	
Pass	WSUS signing certificate is in TrustedPublisher store on CB.	
Pass	An update can be successfully published as user 'RAMLAN\Administrator'.	
Pass	Product is licensed.	Your trial license will expire in 61 days.
Pass	Retrieve the Ivanti Patch for SCCM catalog from the internet.	

Ivanti Patch for SCCM Settings

- Welcome
- Shared Settings
- WSUS Server
- Proxy
- License
- Languages
- Catalogs
- Verify Setup
- **About**

Ivanti Patch for SCCM

Copyright © 2019, Ivanti. All rights reserved.

Catalog version 2.0.3.330 14-May-2020 3:17 PM
Ivanti Patch for SCCM version 2.4.34143.0
Data files and logs: C:\Users\Administrator.RAMLAN\Ivanti\Patch

Protected by patents

Open source license

[< Back] [Next >] [Finish]   [Cancel]

Below are various product available for download and patch.

For test, I selected VLC and 7ZIP. Click Download. After few minutes click Publish

Now the updates are published.

After it is published you will see below message. Click close.

Now we see it in Software Update Groups – Ivanti that has 7Zip and VLC update for patching.

Software Update Groups 9 items					
Search					
Icon	Name	Description	Date Created	Last Date Modified	Percent Compliant
📥	Ivanti	7Zip VLC	15-May-2020 8:49 AM	15-May-2020 8:49 AM	0

Now we will deploy to Win 10 collection.
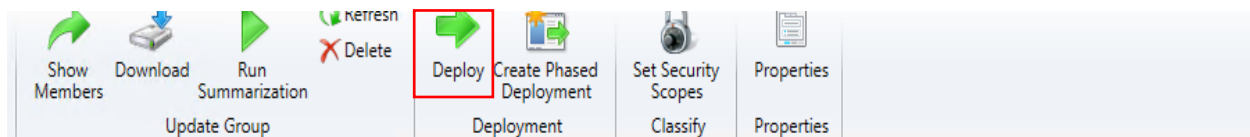
Software Update Groups 9 items				
Search				
Icon	Name	Description	Date Created	Last Date Modified
📥	Ivanti	7Zip VLC	15-May-2020 8:49 AM	15-May-2020 8:49 AM

Deploy Software Updates Wizard ✕

General

General
General
Deployment Settings
Scheduling
User Experience
Alerts
Deployment Package
Download Location
Language Selection
Download Settings
Summary
Progress
Completion

Specify general information for this deployment

Deployment Name: Multi Vendor Software Updates - 2020-05-15 09:26:57 AM

Description:

The following software update or software update group is included in this deployment.

Software Update/Software Update Group: Ivanti Browse...

Select a previously saved deployment template that defines configuration settings for this deployment. Before you complete this wizard, you have the option to save the current configurations as a new deployment template.

Select Deployment Template...

Deploy this software update deployment to the following collection.

Collection: Win 10 Browse...

< Previous Next > Summary Cancel

Deploy Software Updates Wizard

Deployment Settings

General
Deployment Settings
Scheduling
User Experience
Alerts
Deployment Package
    Download Location
    Language Selection
Download Settings
Summary
Progress
Completion

Specify deployment settings for this deployment

Specify if this deployment is available for installation or if it is a required installation.

Type of deployment: `Available ▼`

☐ Use Wake-on-LAN to wake up clients for required deployments

State message detail level.

You can specify the state message detail level returned by clients for this software update deployment.

Detail level: `All messages ▼`

[< Previous] [Next >] [Summary] [Cancel]

Deploy Software Updates Wizard

Scheduling

General
Deployment Settings
Scheduling
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Deployment Package
    Download Location
    Language Selection
Download Settings
Summary
Progress
Completion

Configure schedule details for this deployment

Schedule evaluation
Specify if the schedule for this deployment is evaluated based upon Universal Coordinated Time (UTC) or the local time of the client.

Time based on: `Client local time ▼`

Software available time
Specify when software updates are available. Software updates are available as soon as they are distributed to the content server unless they are scheduled to install at a later time.

◉ As soon as possible
◯ Specific time:
    `15-May-2020 ▼` `9:27 AM ▲▼`

Installation deadline
Specify an installation deadline for required software updates. You can determine the deadline by adding the deadline time to the installation time. When the deadline is reached, required software updates are installed on the device and the device is restarted if necessary.

◉ As soon as possible
◯ Specific time:
    Deadline time:
    `22-May-2020 ▼` `9:27 AM ▲▼`

☐ Delay enforcement of this deployment according to user preferences, up to the grace period defined in client settings.

[< Previous] [Next >] [Summary] [Cancel]

Deploy Software Updates Wizard

User Experience

Specify the user experience for this deployment

User visual experience

User notifications: `Display in Software Center, and only show notifications for computer restarts ▼`

Deadline behavior

When the installation deadline is reached, allow the following activities to be performed outside the maintenance window:

- ☐ Software updates installation
- ☐ System restart (if necessary)

Device restart behavior

Some software updates require a system restart to complete the installation process. You can suppress this restart on servers and workstations.

Suppress the system restart on the following devices:

- ☐ Servers
- ☐ Workstations

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.

Software updates deployment re-evaluation behavior upon restart

- ☐ If any update in this deployment requires a system restart, run updates deployment evaluation cycle after restart

Sidebar:
- General
- Deployment Settings
- Scheduling
- **User Experience**
- Alerts
- Deployment Package
- Download Location
- Language Selection
- Download Settings
- Summary
- Progress
- Completion

[< Previous] [Next >] [Summary] [Cancel]

Deploy Software Updates Wizard

Alerts

Specify software update alert options for this deployment.

Configuration Manager alerts

Specify the criteria for generating a Configuration Manager alert.

- ☐ Generate an alert when the following conditions are met:

  Client compliance is below the following (percent): `95`

  Alerts are generated when a specified offset period has elapsed after the previously defined installation deadline.

  Offset from the deadline time:

  `7` `Days ▼`

  Alert generation time (represented in local time):

  `22-May-2020 ▼` `9:27 AM`

Operations Manager alerts

System Center Operations Manager might generate alerts when a device installs a software update. To avoid receiving alerts for planned maintenance, you can disable these alerts during the duration of the software update installation process.

- ☐ Disable Operations Manager alerts while software updates run
- ☐ Generate Operations Manager alert when a software update installation fails

Sidebar:
- General
- Deployment Settings
- Scheduling
- User Experience
- **Alerts**
- Deployment Package
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[< Previous] [Next >] [Summary] [Cancel]

Deploy Software Updates Wizard   ✕

Deployment Package

General
Deployment Settings
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Deployment Package
   Distribution Points
   Download Location
   Language Selection
Download Settings
Summary
Progress
Completion

Specify the package to use

The deployment package contains the software update files that will be available to clients as part of the deployment. You can select an existing deployment package or create a new one.

○ Select a deployment package:

[   ] [Browse...]

◉ Create a new deployment package:

Name:
[Ivanti   ]

Description:
[   ]

Package source (Example): \\<server>\<folder path>
[\\cb\Sources\Updates   ] [Browse...]

Sending priority:
[High   ▾]

☐ Enable binary differential replication

To minimize the network traffic between sites, binary differential replication updates only the content that has changed in the package.

○ No deployment package

Clients download content from peers or the Microsoft cloud.

[< Previous] [Next >] [Summary] [Cancel]

Deploy Software Updates Wizard   ✕

Distribution Points

General
Deployment Settings
Scheduling
User Experience
Alerts
Deployment Package
   Distribution Points
   Download Location
   Language Selection
Download Settings
Summary
Progress
Completion

Specify the distribution points or distribution point groups to host the content

Distribution points or distribution point groups:

[Filter...   🔍] [Add ▾]
                                                           [Remove]

Name	Description	Associations
Toronto	Distribution point group	0

[< Previous] [Next >] [Summary] [Cancel]

Deploy Software Updates Wizard ✕

Download Location

Specify the source location for software updates that you will download

If your site server does not have an Internet connection, you can download the software updates from a different computer and save them to a network location accessible by the site server.

◉ Download software updates from the Internet

◯ Download software updates from a location on my network:

Example: \\<server>\<folder path>

[   ] [Browse...]

When the deployment package contains all required software updates, select "Download software updates from the Internet". The software updates files will be validated, but will not be downloaded again.

[< Previous] [Next >] [Summary] [Cancel]

Deploy Software Updates Wizard ✕

Language Selection

Specify the languages of the updates

[Edit...]

Product	Update languages	
Windows Update	English	
Office 365 Client Update	English (United States)	

[< Previous] [Next >] [Summary] [Cancel]

Deploy Software Updates Wizard

Download Settings

General
Deployment Settings
Scheduling
User Experience
Alerts
Deployment Package
   Distribution Points
   Download Location
   Language Selection
Download Settings
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Specify download settings of this deployment

Select the deployment option to use when a client uses a distribution point from a neighbor boundary group or the default site boundary group.

Deployment options:

- (●) Do not install software updates
- ( ) Download software updates from distribution point and install

When software updates are not available on any distribution points in current or neighbor boundary group, client can download and install software updates from distribution points in site default boundary group.

Deployment options:

- ( ) Do not install software updates
- (●) Download and install software updates from the distribution points in site default boundary group

- [ ] If software updates are not available on distribution point in current, neighbor or site boundary groups, download content from Microsoft Updates

- [ ] Allow clients on a metered Internet connection to download content after the installation deadline, which might incur additional costs

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Confirm the settings

Details: [Save As Template...]

Updates Targeted:
- VLC Media Player 3.0.10 x64 QVLC3010(Article ID)
- 7-Zip 19.00 x64 Q7ZIP1900(Article ID)

General:
- Deployment Name: Multi Vendor Software Updates - 2020-05-15 09:26:57 AM
- Collection: Win 10

Deployment Settings:
- Verbosity Level: All messages

Scheduling:
- Deployment schedules will be based on: Client local time
- Available to target computers: 15-May-2020 9:31:00 AM
- Deadline for software update installation: No deadline set

User Experience:
- User Notifications: Display in Software Center, and only show notifications for computer restarts
- Install software updates outside the maintenance window when deadline is reached: No
- Restart system outside the maintenance window when deadline is reached: Suppressed
- If a restart is required it will be: Allowed
- Commit changes at deadline or during a maintenance window (requires restarts): Yes
- If any update in this deployment requires a system restart, run updates deployment evaluation cycle after restart: No

Alerts:
- On software update installation error generate a Window Event: No
- Disable Window Event while software updates install: No

Package:
The software updates will be placed in a new package:
- Ivanti

Content (1):
- Toronto

Software updates that will be downloaded from the internet
VLC Media Player 3.0.10 x64
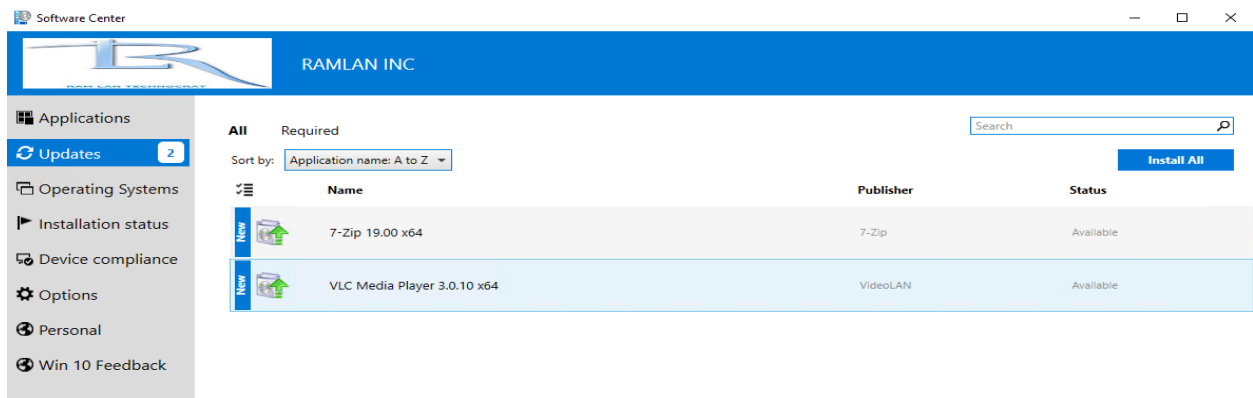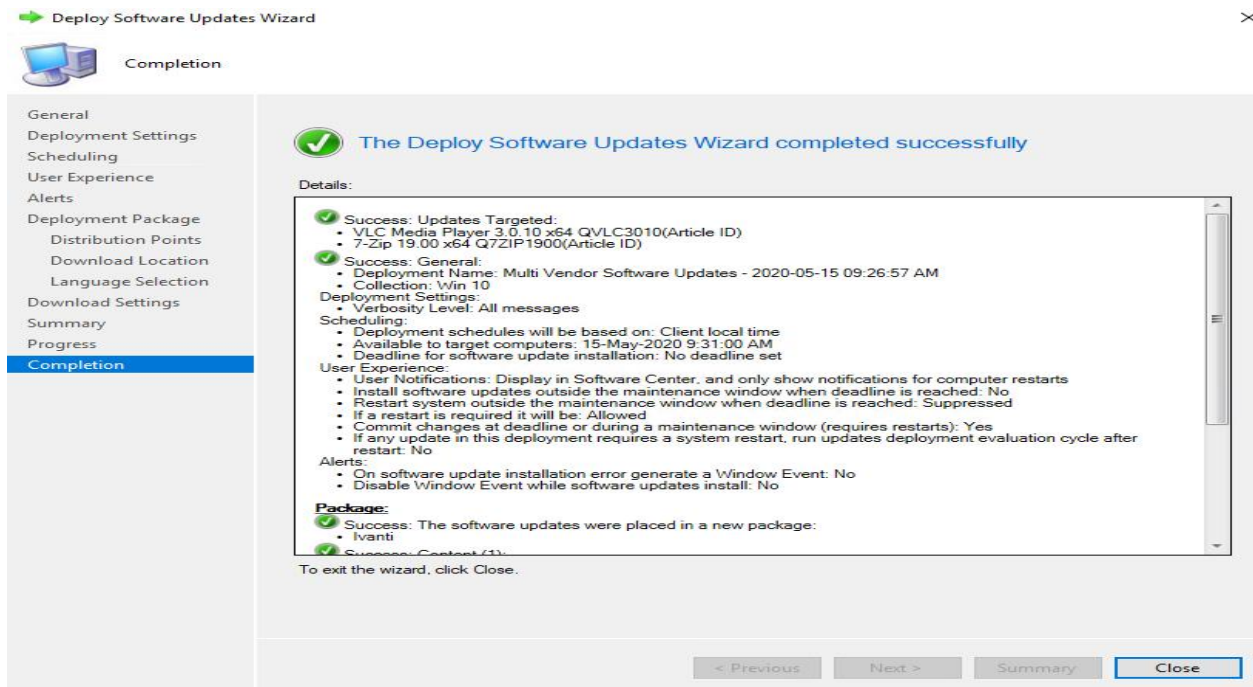
To change these settings, click Previous. To apply the settings, click Next.
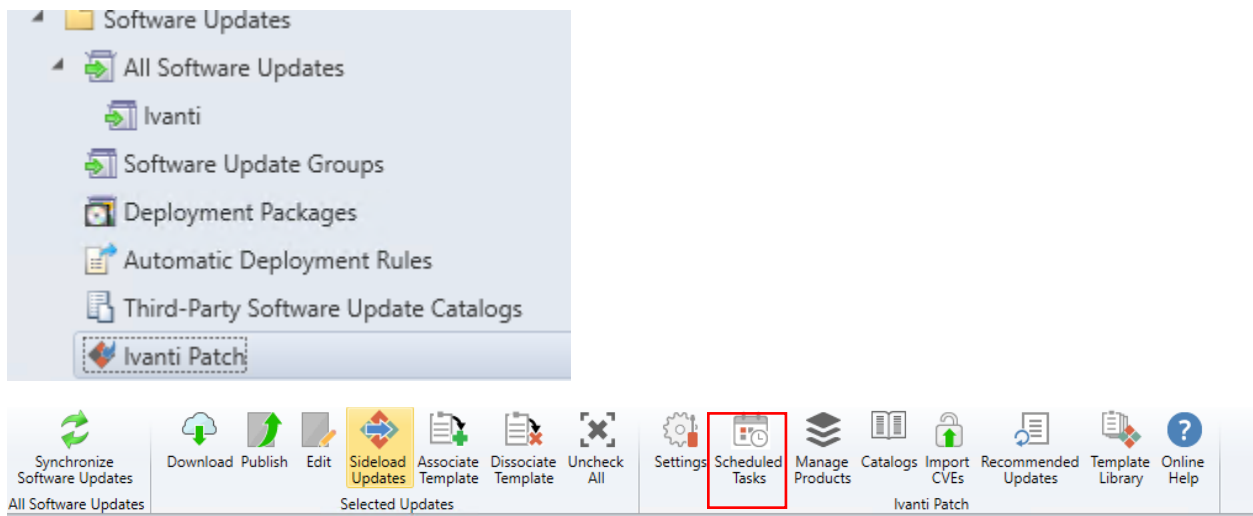
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Now you can click install and are done with patching or upgrading to new version.

You can even set a scheduled task to deploy the published updates within Task Scheduler.

Schedule a Recurring Task   ✕

This schedule can be viewed and edited by all users of this site.
Task will be scheduled on 'CB.RAMLAN.CA' when OK is clicked.

Schedule download and/or publication

Description: Ivanti

Schedule

11:28:58 AM   ▲▼

○ Daily   ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday
             ☑ Friday ☑ Saturday ☑ Sunday
○ Monthly

Options

☐ Run the scheduled task offline   ☑ Publish the updates selected by this filter:
☑ Accept all metadata updates in the catalog   *Latest not-published   ▼
☑ Synchronize updates   ☑ Publish metadata only
                                          Only updates for the languages specified in the Languages tab will be published.
                                          ○ Add all updates to a Software Update Group
                                          ● Add only newly published updates to a Software Update Group
                                          ○ Do not add updates to a Software Update Group
                                          Name: Ivanti   ▼
                                          Description: 7Zip VLC

Schedule the task to run as

● Logged on user ○ Different user
User: RAMLAN\Administrator
Password: ●●●●●●●●●

If proxy authentication is required, the credentials in the Proxy settings will be used.

                                                    OK   Cancel

This concludes Ivanti SCCM patching (3rd Party apps).

Thanks

Ram Lan
15th May 2020