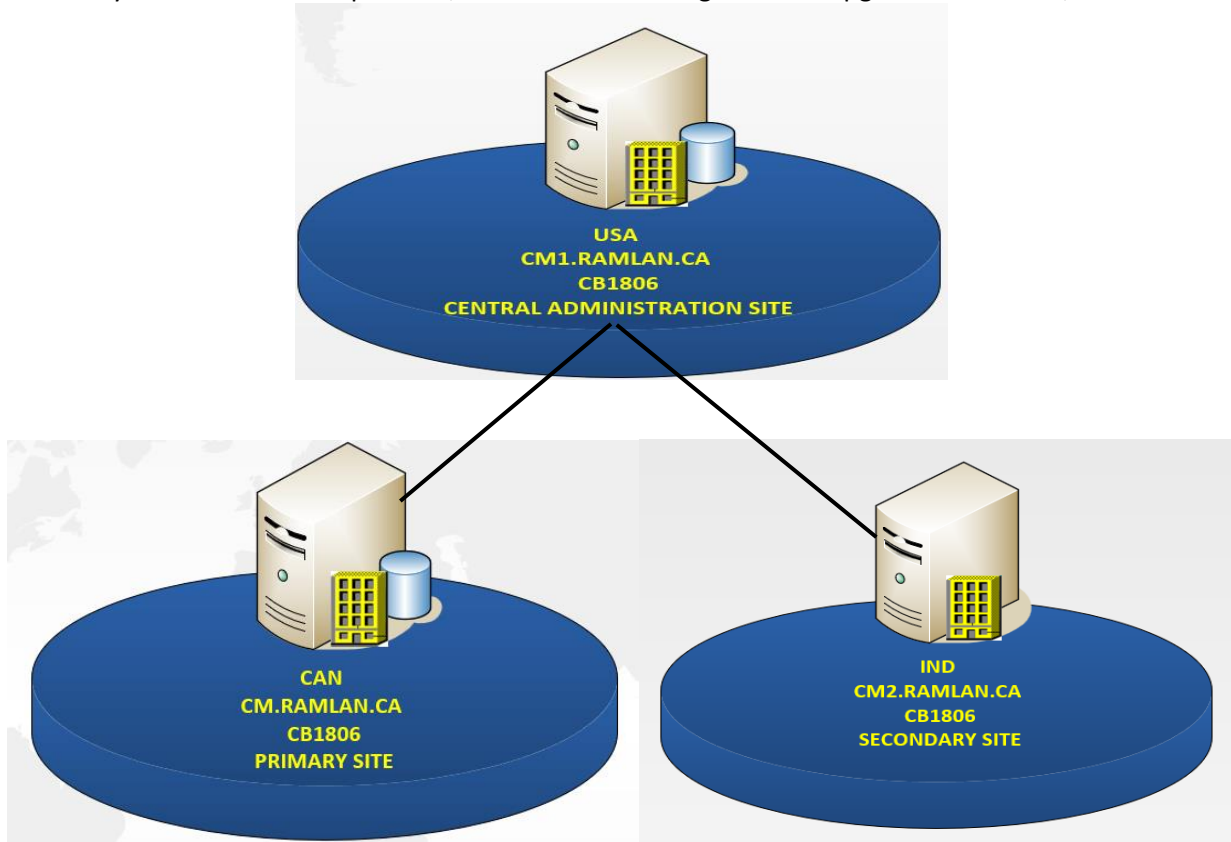


## How to upgrade Current Branch 1806 to Current Branch 1810 (SCCM)

In this post, I will show you how to perform in place upgrade of Current Branch 1806 to Current Branch 1810. My lab infra is made up of CAS, PRI & SEC all running CB1806. Upgrade will be CAS, PRI & SEC.



In order to get this update, you will have to enable this option within the console. If you don't then the update will not be available.

Overview ► Site Configuration ► Servers and Site System Roles

Servers and Site System Roles 3 items

| Icon | Name            | Site Code |
|------|-----------------|-----------|
|      | \\CM.RAMLAN.CA  | CAN       |
|      | \\CM1.RAMLAN.CA | USA       |
|      | \\CM2.RAMLAN.CA | IND       |

Site System Roles

| Icon | Role Name                                |
|------|--|
|      | Asset Intelligence synchronization point |
|      | Component server                         |
|      | Endpoint Protection point                |
|      | Reporting services point                 |
|      | Service connection point                 |
|      | Site database server                     |
|      | Site server                              |
|      | Site system                              |

Service connection point Properties

General

Select a mode for the service connection point:

Service connection point mode

☒ Online, persistent connection (recommended)

Creates a persistent connection to the Configuration Manager cloud service and proactively notifies you of updates. This option enables the connection point to automatically query for and download Configuration Manager updates, which you can then choose to install.

☐ Offline, on-demand connection

Requires you to run the Service Connection Tool to set the initial configuration of the role and configure notifications.

[Learn more about service connection point role and its modes](#)

OK Cancel Apply

For those who don't have patience and want to test CB1810 immediately, you can use this PowerShell script to get the update from Microsoft immediately. It will show up in the console after you execute the script.

<https://gallery.technet.microsoft.com/ConfigMgr-1810-Enable-57a7c641>

As you can see from below screen shot in console update for CB1810 is not available. I will run the script and perform Check for Updates.

| Overview ▸ Updates and Servicing ▸                   |                      |           |             |                       |                |  |
|--|----------------------|-----------|-------------|-----------------------|----------------|--|
| ◀ Updates and Servicing 4 items                      |                      |           |             |                       |                |  |
| Search   |                      |           |             |                       |                |  |
| Name   | Date Released        | State     | Prereq Only | Ignore Prereq Warning | Full Version   |  |
| Configuration Manager 1806 Hotfix Rollup (KB4462978) | 22-Oct-2018 9:12 PM  | Installed | No          | Yes                   | 5.00.8692.1509 |  |
| Configuration Manager 1806                           | 27-Jul-2018 12:00 AM | Installed | No          | Yes                   | 5.00.8692.1000 |  |
| Configuration Manager 1806 Hotfix (KB4346645)        | 24-Aug-2018 10:01 PM | Installed | No          | Yes                   | 5.00.8692.1009 |  |
| Configuration Manager 1806 Hotfix Rollup (KB4465865) | 27-Sep-2018 11:17 PM | Installed | No          | Yes                   | 5.00.8692.1505 |  |

Open PowerShell as Admin and run the script

```
PS C:\Users\ADMINISTRATOR.RAMLAN\Downloads> .\EnableFastUpdateRing1810.ps1
cmdlet EnableFastUpdateRing1810.ps1 at command pipeline position 1
Supply values for the following parameters:
(Type !? for Help.)
siteServer: CM1.RAMLAN.CA
-Message Determine the providers on the siteServer: 'CM1.RAMLAN.CA'
-Message SiteCode: 'USA'
-Message Provider Machine Name: 'CM1.RAMLAN.CA'

Path           : \\CM1.RAMLAN.CA\root\SMS\site_USA:SMS_SCI_Component.FileType=2,ItemName="SMS_DMP_DOWNLOADER|SMS Dmp
RelativePath    : SMS_SCI_Component.FileType=2,ItemName="SMS_DMP_DOWNLOADER|SMS Dmp
Server          : CM1.RAMLAN.CA
NamespacePath  : root\SMS\site_USA
ClassName       : SMS_SCI_Component
IsClass         : False
IsInstance     : True
IsSingleton     : False

The command(s) completed successfully
```

Go to Administration – Overview – Updates and Servicing and click check for updates

The screenshot shows the System Center Configuration Manager console. The breadcrumb navigation at the top reads: Administration ▸ Overview ▸ Updates and Servicing. In the 'Updates and Servicing' ribbon, the 'Check for updates' button is highlighted with a red arrow. Below the ribbon, the left-hand navigation pane shows the 'Updates and Servicing' node selected. The main pane displays a table of updates, identical to the one in the first screenshot.

| Name   | Date Released        |
|--|----------------------|
| Configuration Manager 1806 Hotfix Rollup (KB4462978) | 22-Oct-2018 9:12 PM  |
| Configuration Manager 1806                           | 27-Jul-2018 12:00 AM |
| Configuration Manager 1806 Hotfix (KB4346645)        | 24-Aug-2018 10:01 PM |
| Configuration Manager 1806 Hotfix Rollup (KB4465865) | 27-Sep-2018 11:17 PM |

## Configuration Manager



Checking for updates. You can click Refresh to update the console to display recently downloaded updates. You can view information about the sync process in the Updates and Servicing Status node in the Monitoring workspace, or view the Dmpdownloader.log

OK

After few minutes you should see CB1810 update available for download.

Overview ▸ Updates and Servicing ▸

Updates and Servicing 5 items

Search

| Name                       | Date Released        | State       | Prereq Only | Ignore Prereq Warning | Full Version   | Client Version | Last Update Time    |
|----------------------------|----------------------|-------------|-------------|-----------------------|----------------|----------------|---------------------|
| Configuration Manager 1810 | 27-Nov-2018 12:00 AM | Downloading | No          | No                    | 5.00.8740.1000 | 5.00.8740.1004 | 28-Nov-2018 9:54 AM |

Overview ▸ Updates and Servicing ▸

Updates and Servicing 5 items

Search

| Name                       | Date Released        | State            | Prereq Only | Ignore Prereq Warning | Full Version   | Client Version | Last Update Time     |
|----------------------------|----------------------|------------------|-------------|-----------------------|----------------|----------------|----------------------|
| Configuration Manager 1810 | 27-Nov-2018 12:00 AM | Ready to install | No          | No                    | 5.00.8740.1000 | 5.00.8740.1004 | 28-Nov-2018 10:14 AM |

Overview ▸ Updates and Servicing ▸

Updates and Servicing 5 items

Search

| Name                         | Date Released        | State            | Prereq Only | Ignore Prereq Warning | Full Version   | Client Version | Last Update Time     |
|------------------------------|----------------------|------------------|-------------|-----------------------|----------------|----------------|----------------------|
| Configuration Manager 1810   | 27-Nov-2018 12:00 AM | Ready to install | No          | No                    | 5.00.8740.1000 | 5.00.8740.1004 | 28-Nov-2018 10:14 AM |
| Configuration Manager 1806 H | 27-Nov-2018 12:00 AM | Installed        | No          | Yes                   | 5.00.8740.1000 | 5.00.8740.1004 | 28-Nov-2018 10:14 AM |
| Configuration Manager 1806 H | 27-Nov-2018 12:00 AM | Installed        | No          | Yes                   | 5.00.8740.1000 | 5.00.8740.1004 | 28-Nov-2018 10:14 AM |
| Configuration Manager 1806 H | 27-Nov-2018 12:00 AM | Installed        | No          | Yes                   | 5.00.8740.1000 | 5.00.8740.1004 | 28-Nov-2018 10:14 AM |
| Configuration Manager 1806 H | 27-Nov-2018 12:00 AM | Installed        | No          | Yes                   | 5.00.8740.1000 | 5.00.8740.1004 | 28-Nov-2018 10:14 AM |

Configuration Manager Updates Wizard

Configuration Manager 1810

- Install Update Pack
- Run prerequisite check
- Retry installation
- Ignore prerequisite warnings
- Promote Pre-production Client
- Download
- Recast RCT



General

General

Features

Client Update Options

License Terms

Summary

Progress

Completion

### Configuration Manager 1810

This wizard helps you configure and install this update.

[Learn more.](#)

This version includes:

Configuration Manager site server updates  
Configuration Manager console updates  
Configuration Manager client updates  
Fixes for known issues  
New features

Prerequisite warnings:

☒ Ignore any prerequisite check warnings and install this update regardless of missing requirements.

[Privacy Statement](#)

< Previous

Next >

Summary

Cancel



## Features

## General

## Features

## Client Update Options

## License Terms

## Summary

## Progress

## Completion

## Features included in update pack

This update pack includes the following features. Select the features you want to enable now. Features you don't enable now can be enabled later from the Updates and Servicing node of the Configuration Manager console.

- ☒ SMS Provider API
- ☒ Support for Cisco AnyConnect 4.0.07x and later for iOS
- ☒ Microsoft Operations Management Suite (OMS) Connector
- ☒ Enable third party update support on clients
- ☒ Device Health Attestation assessment for compliance policies for conditional access
- ☒ Data warehouse service point
- ☒ Package Conversion Manager
- ☒ Windows Defender Exploit Guard policy
- ☒ Run Task Sequence Step
- ☒ Cloud Management Gateway

## Description:

Read-only API interoperability access to WMI over HTTPS.

&lt; Previous

Next &gt;

Summary

Cancel



## Client Update Options

## General

## Features

## Client Update Options

## License Terms

## Summary

## Progress

## Completion

## Client Update Settings

This update includes an update for the Configuration Manager client. You can upgrade your clients immediately, or validate this client in a pre-production collection before you upgrade all your Configuration Manager clients.

☒ Upgrade without validating

Overwrites your current Configuration Manager client package with the new client update. All new client installations and client upgrades use this new client update.

☐ Validate in pre-production collection

Validate the client update on members of the pre-production collection while you keep your production client package intact. Later, you can overwrite the production package using Client Update Options in the Updates and Servicing node of the Configuration Manager console.

Pre-production collection:

Browse...

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Next &gt;

Summary

Cancel



## License Terms

General

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Progress

Completion

## Review and accept the terms for this update pack

You must accept the License Terms and Privacy Statement to continue installation.

[View the License Terms](#)[View the Privacy Statement](#)

☒ I accept these License Terms and Privacy Statement.

You can add or update your Software Assurance expiration date. This date must be after 01-Oct-2016.

Software Assurance expiration date:

21-Jul-2021 

[Learn more](#)

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Next &gt;

Summary

Cancel



## Summary

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## Confirm the Settings

Details:

**Summary of update package installation**

Install Update Package Configuration Manager 1810  
Prerequisite warnings will be ignored  
Turn on the following features:  
• SMS Provider API  
Test new version of the client in production  
Software Assurance expiration date is 2021-07-21.

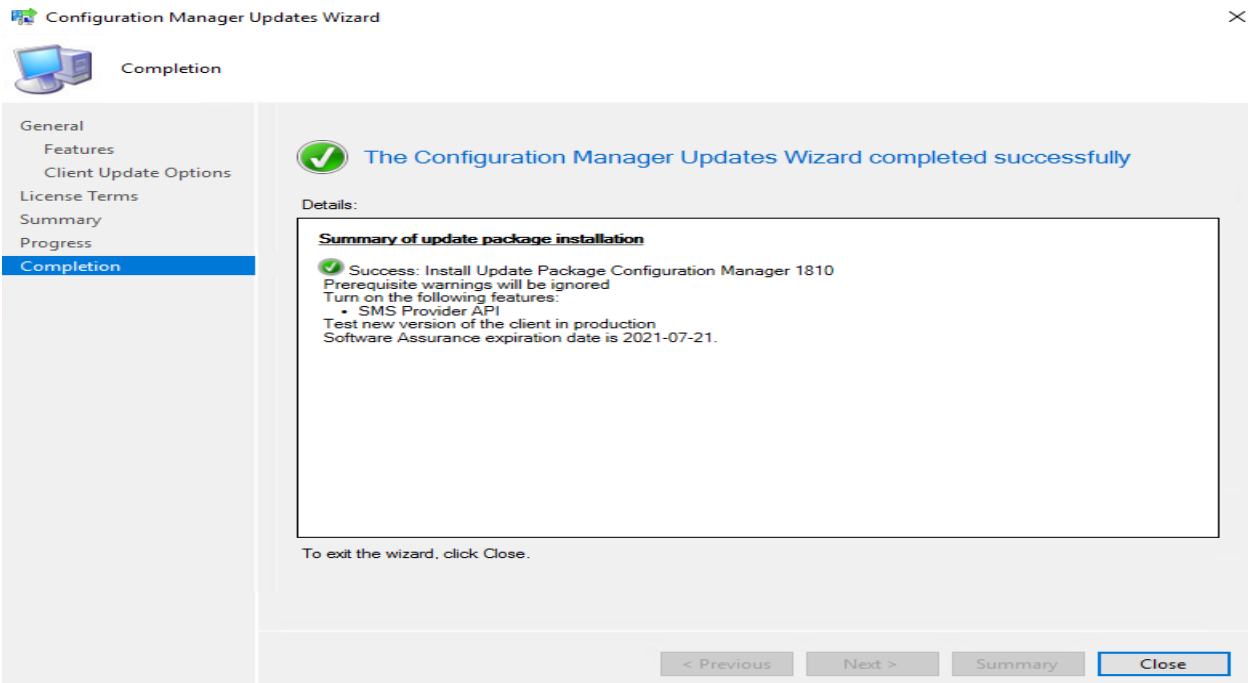
To change these settings, click Previous. To apply the settings, click Next.

&lt; Previous

Next &gt;

Summary

Cancel



If you want to monitor the progress, you have to click Show Status from here

Overview > Updates and Servicing >

Updates and Servicing 5 items

| Name   | Date Released        | State      | Prereq Only | Ignore Prereq Warning | Full Version   | Client Version | Last Update Time       | Description                          |
|--|----------------------|------------|-------------|-----------------------|----------------|----------------|------------------------|--------------------------------------|
| Configuration Manager 1810                           | 27-Nov-2018 12:00 AM | Installing | No          | Yes                   | 5.00.8740.1000 | 5.00.8740.1004 | 28-Nov-2018 10:20 A... | New update for Configuration Ma...   |
| Configuration Manager 1806 Hotfix Rollup (KB4465865) | 27-Sep-2018 11:17 PM | Installed  | No          | Yes                   | 5.00.8692.1505 |                | 02-Oct-2018 12:43 PM   | Fixes issues explained in KB44658... |
| Configuration Manager 1806 Hotfix (KB4346645)        | 24-Aug-2018 10:01 PM | Installed  | No          | Yes                   | 5.00.8692.1009 | 5.00.8692.1008 | 01-Sep-2018 10:02 AM   | Fixes issues explained in KB43466... |
| Configuration Manager 1806                           | 27-Jul-2018 12:00 AM | Installed  | No          | Yes                   | 5.00.8692.1000 | 5.00.8692.1003 | 01-Aug-2018 11:25 AM   | New update for Configuration Ma...   |
| Configuration Manager 1806 Hotfix Rollup (KB4462978) | 22-Oct-2018 9:12 PM  | Installed  | No          | Yes                   | 5.00.8692.1509 | 5.00.8692.1509 | 25-Oct-2018 1:18 PM    | Fixes issues explained in KB44629... |

Configuration Manager 1810

General Information

Description: New update for Configuration Manager. This update includes new functionality and fixes for known issues.  
More Information: <https://go.microsoft.com/fwlink/?LinkId=855164>

Contents

Configuration Manager site server updates  
Configuration Manager console updates  
Configuration Manager client updates  
Fixes for known issues

Related Objects

Show Status

It will take anywhere from 30-45 minutes for the process to complete. The process of upgrade will be CAS first, PRI second and SEC will have to be performed manually by restoring the site from Administration Console.

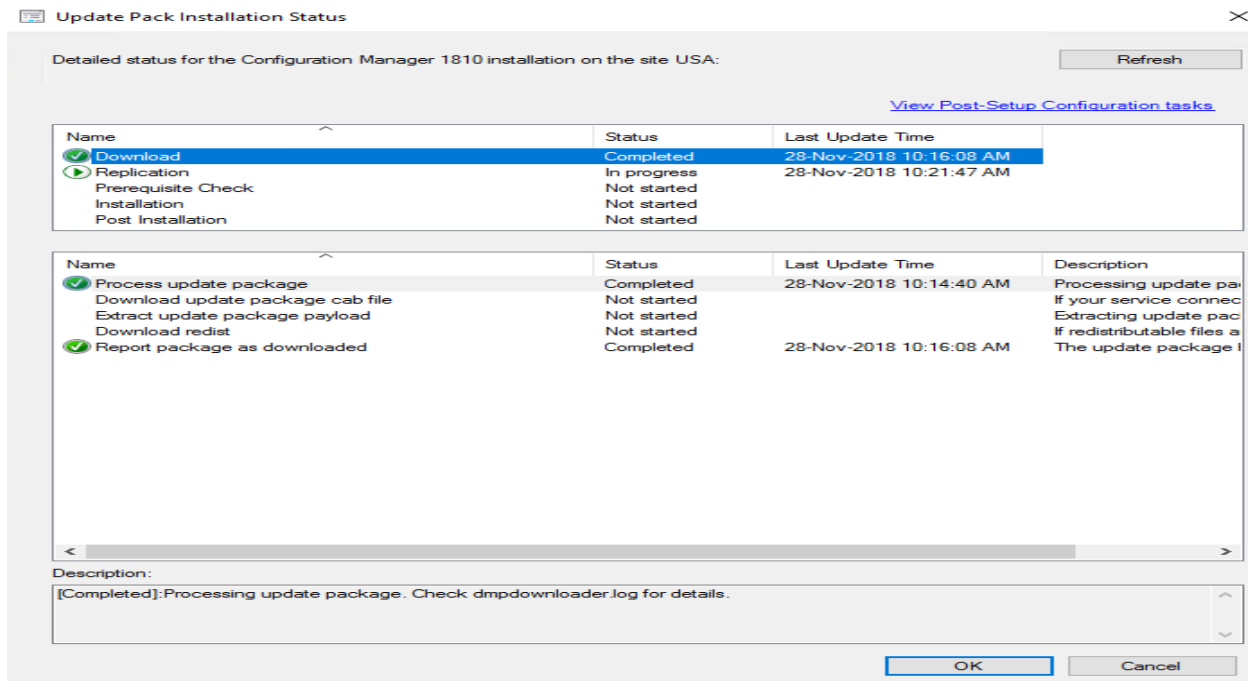
Home Close

Saved Searches Show Status Retry installation Ignore prerequisite warnings Install

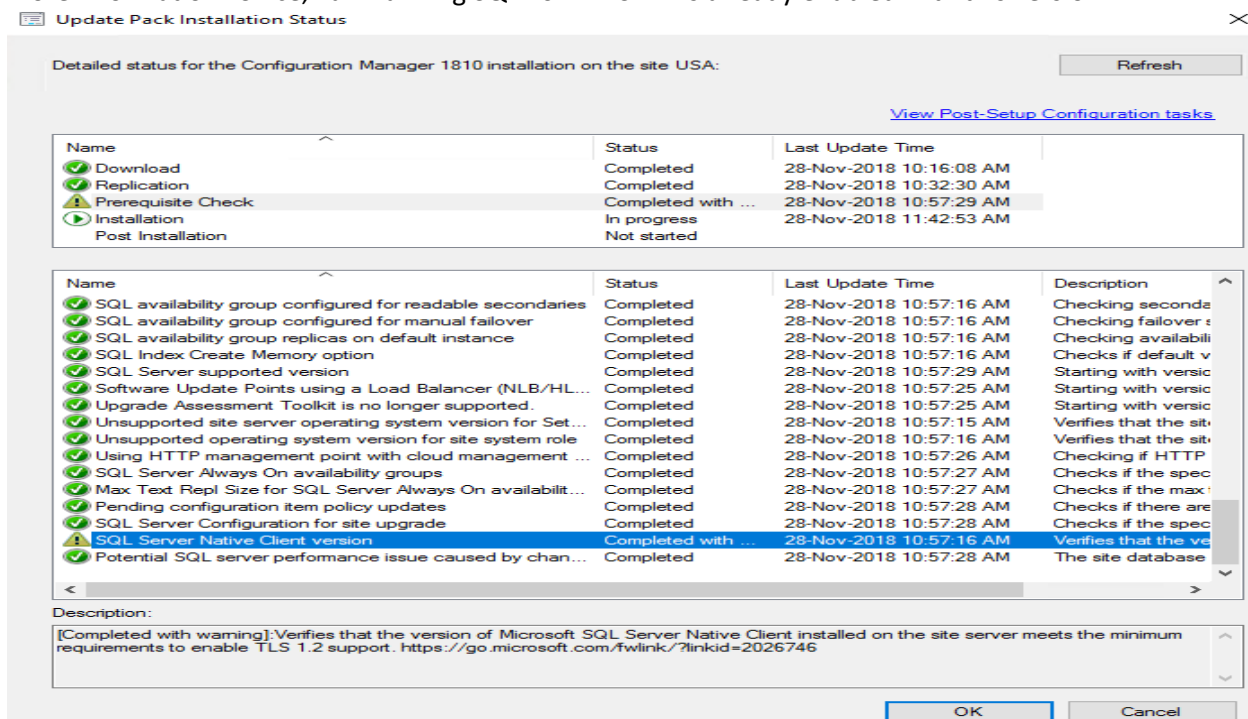
Monitoring > Overview > Updates and Servicing Status > Configuration Manager 1810

Configuration Manager 1810 2 items

| Icon | Update Package Name        | Site Server Name | Site Code | Type                        | Status              | Last Update Time     |
|------|----------------------------|------------------|-----------|-----------------------------|---------------------|----------------------|
|      | Configuration Manager 1810 | CM1.RAMLAN.CA    | CAN       | Primary site                | Replicating content | 28-Nov-2018 10:22... |
|      | Configuration Manager 1810 | CM1.RAMLAN.CA    | USA       | Central administration site | Replicating content | 28-Nov-2018 10:21... |



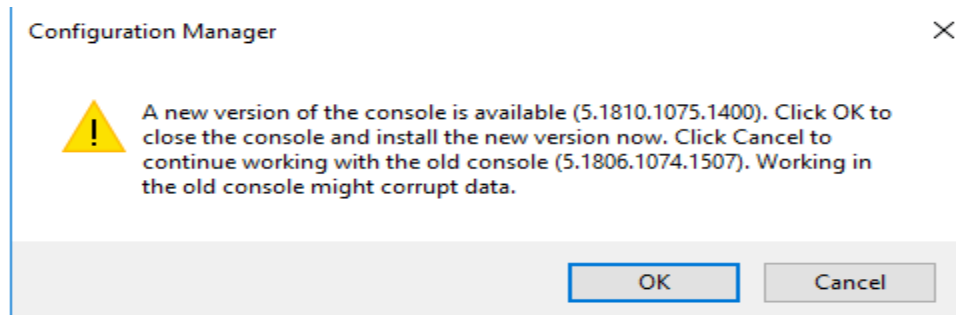
During the upgrade, I came across SQL Warning for TLS 1.2. Please read below and visit the link for more information. Since, I am running SQL 2017 TLS 1.2 is already enabled with this version.



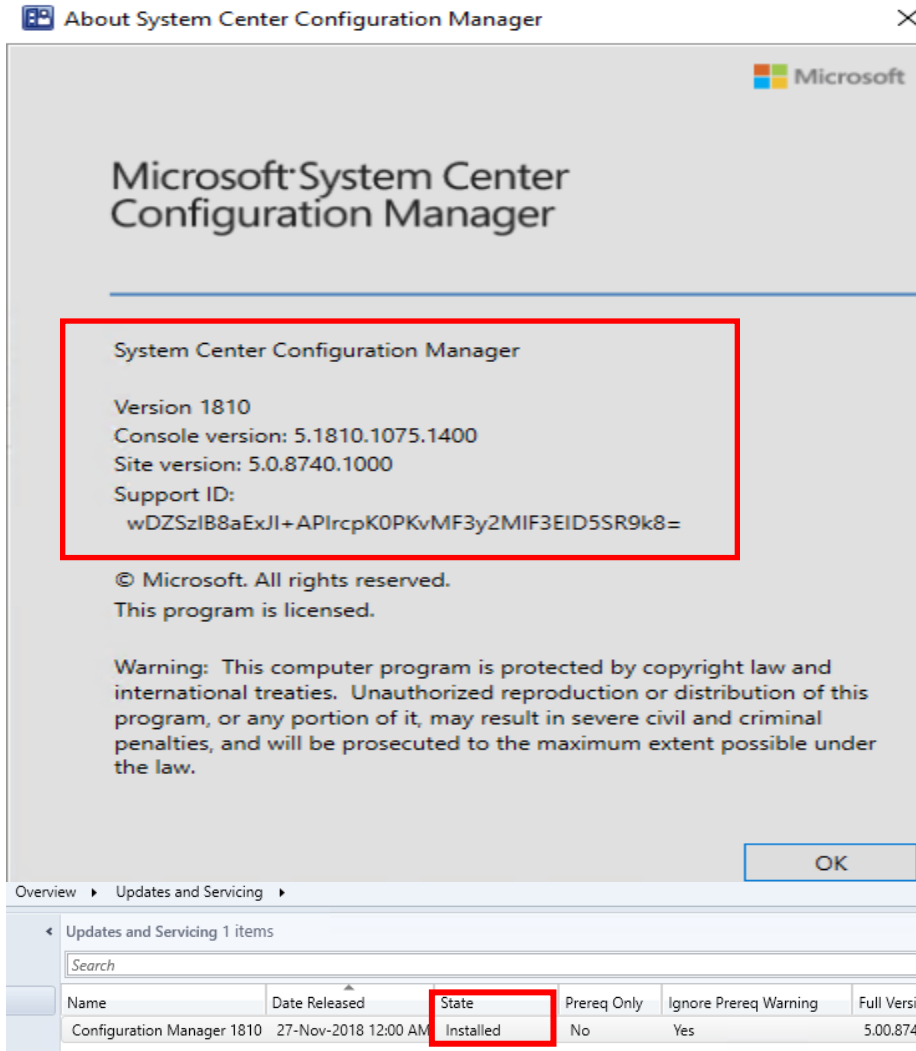
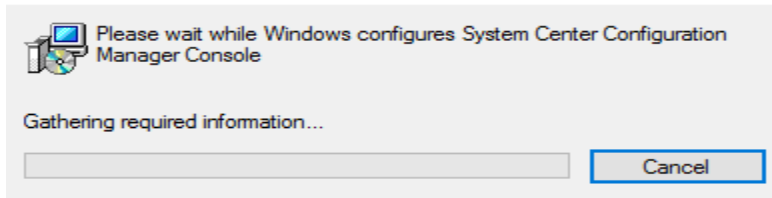
SQL Server Native Client version; Warning; Configuration Manager sites require a supported SQL Server Native Client version. To enable TLS 1.2 support, you must install a supported version of SQL Server Native Client on the specified site database server. For more information, see <https://go.microsoft.com/fwlink/?linkid=2026746>

More details – <https://support.microsoft.com/en-gb/help/3135244/tls-1-2-support-for-microsoft-sql-server>

Once the upgrade is done, you will see this pop message to install new version of the console.



#### System Center Configuration Manager Console





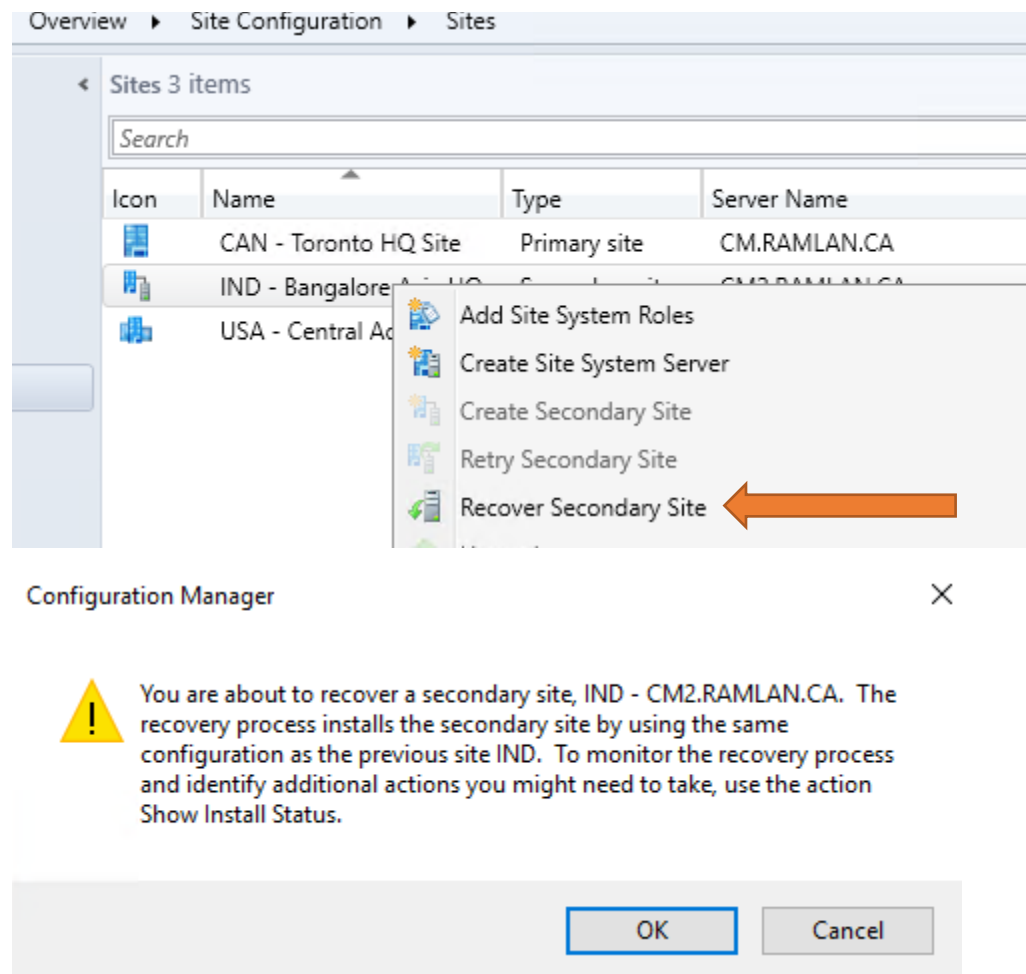
# SCCM 1810 Site, Console, and Client Versions

Find out the list of SCCM site, console, client versions of SCCM 1810.

1. SCCM 1810 site version ==> 5.00.8740.1000
2. SCCM 1810 Client version ==> 5.00.8740.1004
3. SCCM 1810 Console version ==>5.1810.1075.1400

After the upgrade make sure to distribute boot images and configuration manager client package to all distribution points within your infra.

For Secondary site there is no upgrade option but you have to complete the following either from CAS or PRI. Select Secondary Site – right click – Recover Secondary Site



Saved Searches ▾ Search
 Add Site System Roles
 Create Site System Server
 Create Secondary Site
 Retry Secondary Site
 Recover Secondary Site
 Upgrade
 Show Install Status
 Refresh
 Delete
 Manage Content Library
 Configure Site Components ▾

Overview ▸ Site Configuration ▸ Sites

Sites 3 items

Search

| Icon | Name                       | Type              | Server Name   | State       | Site Code | Parent Site Code |
|------|----------------------------|-------------------|---------------|-------------|-----------|------------------|
|      | CAN - Toronto HQ Site      | Primary site      | CM.RAMLAN.CA  | Site Active | CAN       | USA              |
|      | IND - Bangalore Asia HQ    | Secondary site    | CM2.RAMLAN.CA | Pending     | IND       | CAN              |
|      | USA - Central Administr... | Central admini... | CM1.RAMLAN.CA | Site Active | USA       |                  |

Secondary Site Installation Status

Detailed site installation status for Secondary site 'IND - Bangalore Asia HQ'

Refresh

Filter...

| Time Stamp             | Type         | Status | Description   |
|------------------------|--------------|--------|---|
| 29-Nov-2018 7:47:46 AM | Prerequisite | Passed | Prerequisite checks complete  |
| 29-Nov-2018 6:35:11 AM | Prerequisite | Passed | Verifies that the user running Setup has local administrator right...   |
| 29-Nov-2018 6:34:17 AM | Prerequisite | Passed | Verifies that Internet Information Services (IIS) is configured for ... |
| 29-Nov-2018 6:34:01 AM | Prerequisite | Passed | Verifies that the Microsoft Core XML Services (MSXML) version...        |
| 29-Nov-2018 6:33:38 AM | Prerequisite | Passed | Verifies that the operating system meets the minimum requireme...       |
| 29-Nov-2018 6:33:21 AM | Prerequisite | Passed | Checks to see if there is an earlier version of the Configuration ...   |
| 29-Nov-2018 6:33:01 AM | Prerequisite | Passed | Verifies that the machine account of site server has administrati...    |
| 29-Nov-2018 6:32:45 AM | Prerequisite | Passed | Checks if the Windows Defender Firewall is disabled or if a rele...     |
| 29-Nov-2018 6:32:27 AM | Prerequisite | Passed | Verifies that Internet Information Services (IIS) is configured for ... |
| 29-Nov-2018 6:32:11 AM | Prerequisite | Passed | Verifies that Background Intelligent Transfer Service (BITS) is e...    |
| 29-Nov-2018 6:31:37 AM | Prerequisite | Passed | Verifies that Background Intelligent Transfer Service (BITS) is in...   |

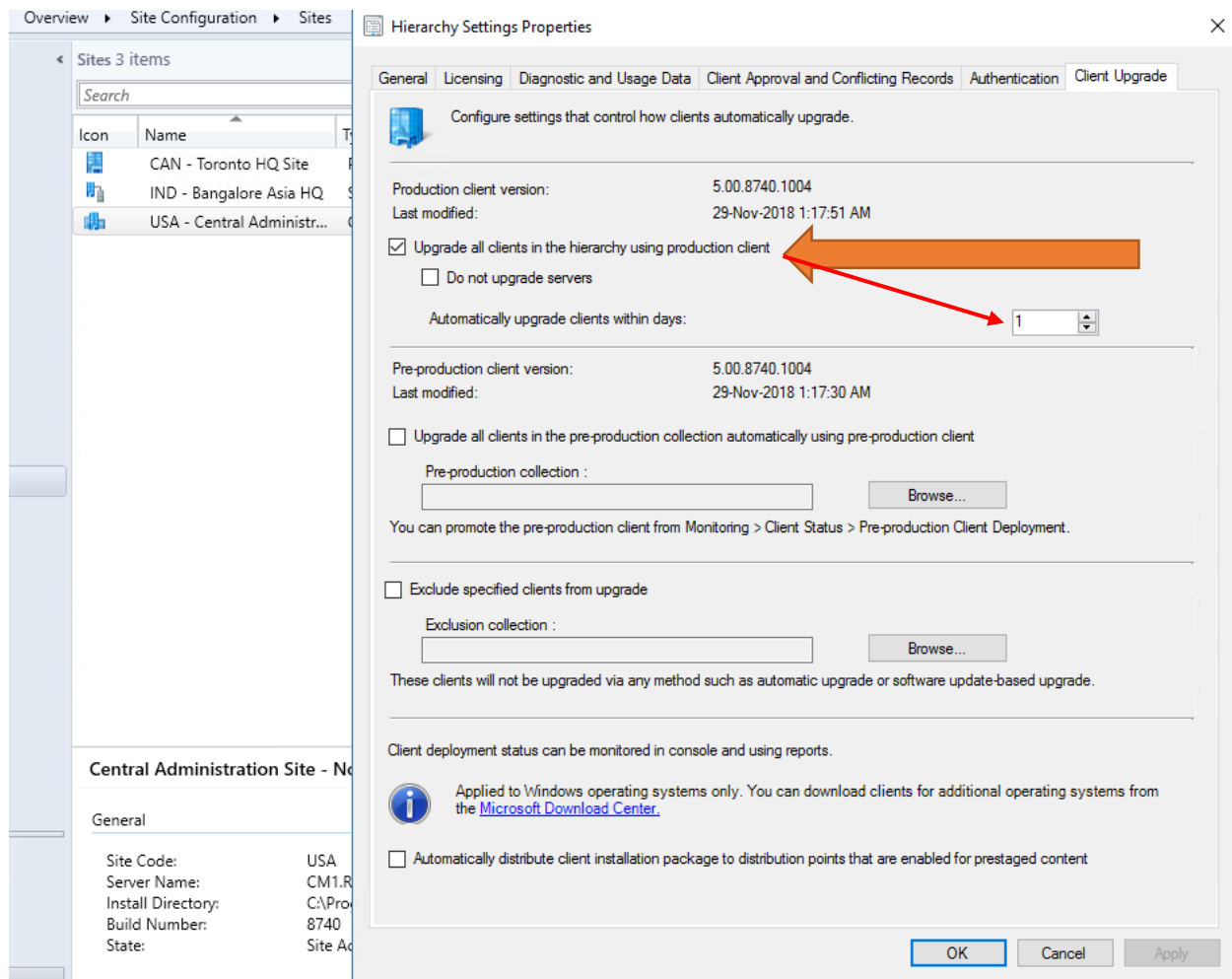
Description:

[Warning]:Configuration Manager sites require a supported SQL Server Native Client version. To enable TLS 1.2 support, you must install a supported version of SQL Server Native Client on the specified site database server. For more information, see <https://go.microsoft.com/fwlink/?linkid=2026746>

OK Cancel

Recovering the site will complete the upgrade to latest version.

If you want to perform client upgrade to new version – visit hierarchy settings and complete the configuration as detailed below.



This concludes the whole process of CB1806 to CB1810 in place upgrade.

Thanks

**Ram Lan**  
**28<sup>th</sup> Nov 2018**