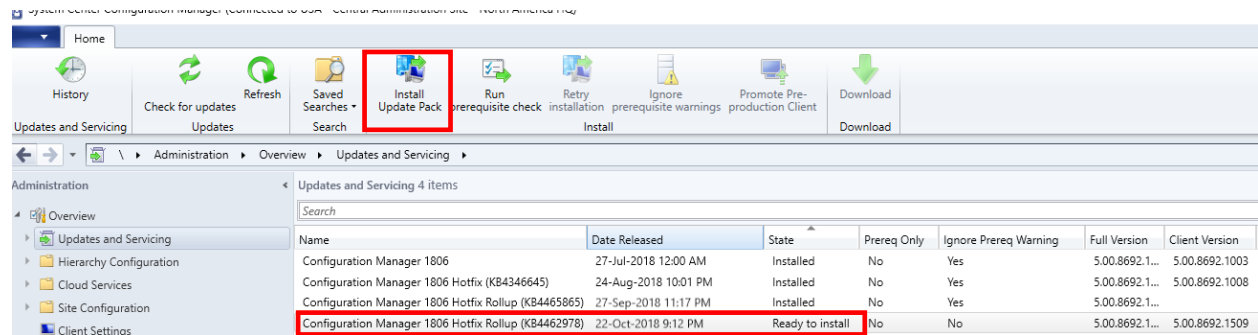


## Installing KB4462978 on Current Branch 1806 – Central Administration Site

In this exercise, I will show you how to install above update on CAS, PRI and SEC. As you can see from CAS above update is ready to install. When you start the install from CAS it will take care of PRI update as well. That's the beauty of having CAS. SEC has to be updated manually which, I will show below.

Select the update and click Install Update Pack and follow the screen shot as detailed below:



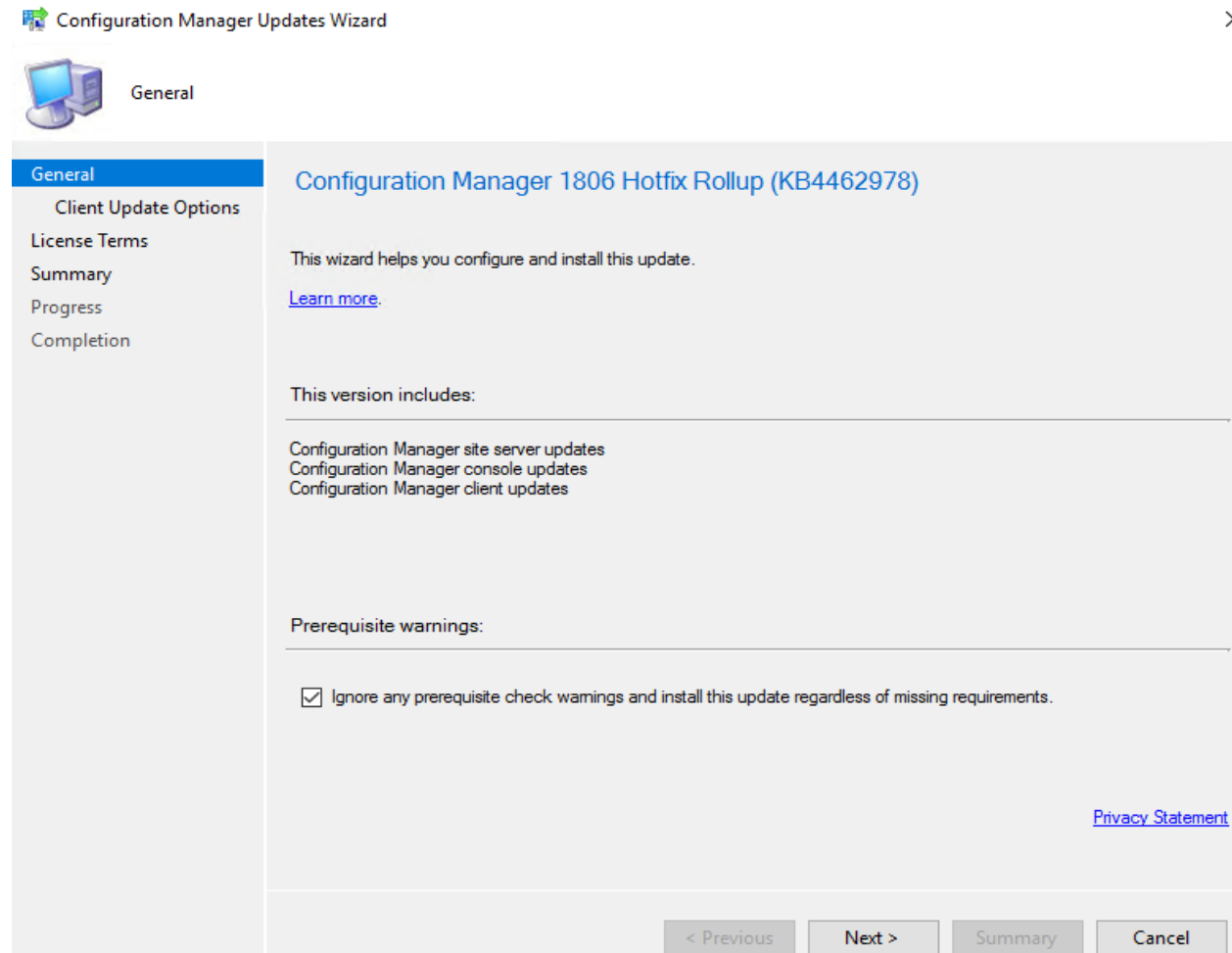
System Center Configuration Manager (connected to CAS - Central Administration Site - Host General)

Home | History | Check for updates | Refresh | Saved Searches | **Install Update Pack** | Run prerequisite check | Retry installation | Ignore prerequisite warnings | Promote Pre-production Client | Download

Administration > Updates and Servicing > Overview > Updates and Servicing

Updates and Servicing 4 items

Name	Date Released	State	Prereq Only	Ignore Prereq Warning	Full Version	Client Version
Configuration Manager 1806	27-Jul-2018 12:00 AM	Installed	No	Yes	5.00.8692.1...	5.00.8692.1003
Configuration Manager 1806 Hotfix (KB4346645)	24-Aug-2018 10:01 PM	Installed	No	Yes	5.00.8692.1...	5.00.8692.1008
Configuration Manager 1806 Hotfix Rollup (KB4465865)	27-Sep-2018 11:17 PM	Installed	No	Yes	5.00.8692.1...	
<b>Configuration Manager 1806 Hotfix Rollup (KB4462978)</b>	<b>22-Oct-2018 9:12 PM</b>	<b>Ready to install</b>	No	No	5.00.8692.1...	5.00.8692.1509



Configuration Manager Updates Wizard >

General

**Configuration Manager 1806 Hotfix Rollup (KB4462978)**

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

Prerequisite warnings:

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

[Privacy Statement](#)

< Previous | Next > | Summary | Cancel



## Client Update Options

General

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...

&lt; Previous

Next &gt;

Summary

Cancel



## License Terms

General

Client Update Options

License Terms

Summary

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.

[Learn more](#)

&lt; Previous

Next &gt;

Summary

Cancel



## Summary

General

Client Update Options

License Terms

Summary

Progress

Completion

### Confirm the Settings

Details:

#### Summary of update package installation

Install Update Package Configuration Manager 1806 Hotfix Rollup (KB4462978)  
Prerequisite warnings will be ignored  
Test new version of the client in production

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

< Previous

Next >

Summary

Cancel



## Completion

General

Client Update Options

License Terms

Summary

Progress

Completion



The Configuration Manager Updates Wizard completed successfully

Details:

#### Summary of update package installation

✓ Success: Install Update Package Configuration Manager 1806 Hotfix Rollup (KB4462978)  
Prerequisite warnings will be ignored  
Test new version of the client in production

To exit the wizard, click Close.

< Previous

Next >

Summary

Close

System Center Configuration Manager (Connected to USA - Central Administration Site - North America HU)

Home

History Check for updates Refresh Saved Searches Search Install Update Pack prerequisite check Run prerequisite warnings Ignore prerequisite warnings Promote Pre-production Client Download

Administration > Overview > Updates and Servicing >

Administration > Overview > Updates and Servicing 4 items

Name	Date Released	State	Prereq Only	Ignore Prereq Warning	Full Version	Client Version
Configuration Manager 1806	27-Jul-2018 12:00 AM	Installed	No	Yes	5.00.8692.1...	5.00.8692.1003
Configuration Manager 1806 Hotfix (KB4346645)	24-Aug-2018 10:01 PM	Installed	No	Yes	5.00.8692.1...	5.00.8692.1008
Configuration Manager 1806 Hotfix Rollup (KB4465865)	27-Sep-2018 11:17 PM	Installed	No	Yes	5.00.8692.1...	
Configuration Manager 1806 Hotfix Rollup (KB4462978)	22-Oct-2018 9:12 PM	Installing	No	Yes	5.00.8692.1...	5.00.8692.1509

Configuration Manager 1806 Hotfix Rollup (KB4462978)

General Information

Description: Fixes issues explained in KB4462978  
More Information: <https://support.microsoft.com/help/4462978>

Contents

Configuration Manager site server updates  
Configuration Manager console updates  
Configuration Manager client updates

Related Objects

Show Status

System Center Configuration Manager (Connected to USA - Central Administration Site - North America HU)

Home Close

Saved Searches Search Show Status Site Servicing Retry installation prerequisite warnings Ignore prerequisite warnings Install

Monitoring > Overview > Updates and Servicing Status > Configuration Manager 1806 Hotfix Rollup (KB4462978)

Monitoring > Configuration Manager 1806 Hotfix Rollup (KB4462978) 2 items

Icon	Update Package Name	Site Server Name	Site Code	Type	Status	Last Update Time
	Configuration Manager 1806 Hotfix Rollup (KB4462978)	CM1.RAMLAN.CA	USA	Central administration site	Replicating content	25-Oct-2018 12:08...
	Configuration Manager 1806 Hotfix Rollup (KB4462978)	CM.RAMLAN.CA	CAN	Primary site	Replicating content	25-Oct-2018 12:08...

Update Pack Installation Status

Detailed status for the Configuration Manager 1806 Hotfix Rollup (KB4462978) installation on the site USA: Refresh

[View Post-Setup Configuration tasks](#)

Name	Status	Last Update Time
Download	Completed	25-Oct-2018 2:10:36 AM
Replication	In progress	25-Oct-2018 12:08:58 PM
Installation	Not started	
Post Installation	Not started	

Name	Status	Last Update Time	Description
Process update package	Completed	25-Oct-2018 2:10:22 AM	Processing update package
Download update package cab file	Not started		If your service connection is not established, the update package will not be downloaded.
Extract update package payload	Not started		Extracting update package payload
Download redistributable files	Not started		If redistributable files are not found, the update package will not be installed.
Report package as downloaded	Completed	25-Oct-2018 2:10:36 AM	The update package is now available for installation.

Description:

[Completed]: Processing update package. Check dmpdownloader.log for details.

OK Cancel

Update Pack Installation Status

Detailed status for the Configuration Manager 1806 Hotfix Rollup (KB4462978) installation on the site USA:

Refresh

[View Post-Setup Configuration tasks](#)

Name	Status	Last Update Time
Download	Completed	25-Oct-2018 2:10:36 AM
Replication	Completed	25-Oct-2018 12:10:41 PM
Installation	Not started	
Post Installation	Not started	

Name	Status	Last Update Time	Description
Create or update software distribution package	Completed	25-Oct-2018 12:08:58 PM	Creating or updating C
Update content library	Completed	25-Oct-2018 12:10:41 PM	Saving the content int

Description:  
[Completed]:Creating or updating Configuration Manager Update Package. Check hman.log for details.

OKCancel

Update Pack Installation Status

Detailed status for the Configuration Manager 1806 Hotfix Rollup (KB4462978) installation on the site USA:

Refresh

[View Post-Setup Configuration tasks](#)

Name	Status	Last Update Time
Download	Completed	25-Oct-2018 2:10:36 AM
Replication	Completed	25-Oct-2018 12:21:26 PM
Installation	Completed	25-Oct-2018 12:46:49 PM
Post Installation	In progress	25-Oct-2018 12:58:27 PM

Name	Status	Last Update Time	Description
Check Site Server readiness	Completed	25-Oct-2018 12:35:34 PM	Checking if Site Se
Stop CONFIGURATION_MANAGER_UPDATE service	Completed	25-Oct-2018 12:35:26 PM	Stopping CONFIGI
Update CONFIGURATION_MANAGER_UPDATE service	Completed	25-Oct-2018 12:35:27 PM	Updating CONFIGI
Start CONFIGURATION_MANAGER_UPDATE service	Completed	25-Oct-2018 12:35:29 PM	Starting CONFIGU
Extract Update package	Completed	25-Oct-2018 12:35:50 PM	Extracting update
Check site readiness	Completed	25-Oct-2018 12:35:34 PM	Checking if CONF
Check Service Window	Completed	25-Oct-2018 12:35:34 PM	Checking if update
Turn off SQL Server Service Broker	Completed	25-Oct-2018 12:35:51 PM	Turning off SQL S
Stop ConfigMgr services	Completed	25-Oct-2018 12:36:21 PM	Stopping ConfigMg
Unload WMI provider	Completed	25-Oct-2018 12:36:21 PM	Unloading WMI pr
Delete SMSDBMON triggers	Completed	25-Oct-2018 12:36:21 PM	Deleting SMSDBM
Save site control settings	Completed	25-Oct-2018 12:36:22 PM	Saving site control
Upgrade ConfigMgr database	Completed	25-Oct-2018 12:37:14 PM	Upgrading ConfigM
Update SQL registry	Completed	25-Oct-2018 12:37:15 PM	Updating SQL Ser
Update RCM registry	Completed	25-Oct-2018 12:37:15 PM	Updating RCM reg
Install Files	Completed	25-Oct-2018 12:37:29 PM	Installing files requi
Install component	Completed	25-Oct-2018 12:37:51 PM	Installing required c

Description:  
[Completed]:Checking if Site Server is ready to apply the update. Check hman.log for details.

OKCancel

## Update Pack Installation Status



Detailed status for the Configuration Manager 1806 Hotfix Rollup (KB4462978) installation on the site USA:

[Refresh](#)[View Post-Setup Configuration tasks](#)

Name	Status	Last Update Time
✓ Download	Completed	25-Oct-2018 2:10:36 AM
✓ Replication	Completed	25-Oct-2018 12:21:26 PM
✓ Installation	Completed	25-Oct-2018 12:46:49 PM
✓ Post Installation	Completed	25-Oct-2018 3:49:32 PM

Name	Status	Last Update Time	Description
✓ Installing SMS_EXECUTIVE service	Completed	25-Oct-2018 12:48:27 PM	Installing SMS_EXECUTIVE service
✓ Installing SMS_DATABASE_NOTIFICATION_MONITORING service	Completed	25-Oct-2018 12:53:27 PM	Installing SMS_DATABASE_NOTIFICATION_MONITORING service
✓ Installing SMS_HIERARCHY_MANAGER component	Completed	25-Oct-2018 12:53:27 PM	Installing SMS_HIERARCHY_MANAGER component
✓ Installing SMS_REPLICATION_CONFIGURATION_MONITORING service	Completed	25-Oct-2018 12:58:27 PM	Installing SMS_REPLICATION_CONFIGURATION_MONITORING service
✓ Monitoring replication initialization	Completed	25-Oct-2018 12:58:27 PM	Monitoring database replication
✓ Updating Configuration Manager Client Preproduction Package	Completed	25-Oct-2018 3:49:09 PM	Updating StagingClient package
✓ Updating Client folder on Site Server	Completed	25-Oct-2018 3:49:32 PM	Updating Client folder
✓ Updating Configuration Manager Client Package	Completed	25-Oct-2018 3:49:32 PM	Updating Client folder

Description:

[Completed]:Installing SMS\_EXECUTIVE service on Site Server. Check sitecomp.log for details.

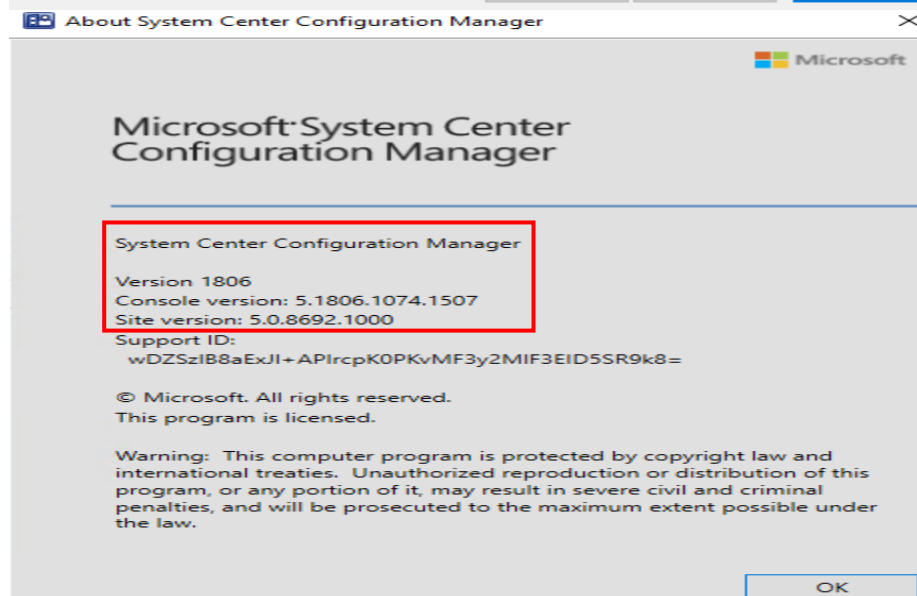
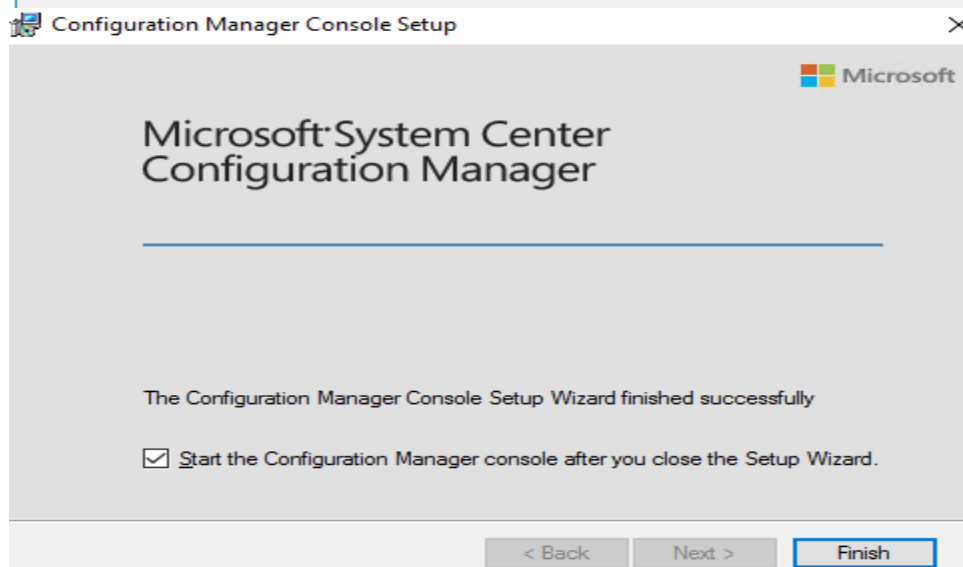
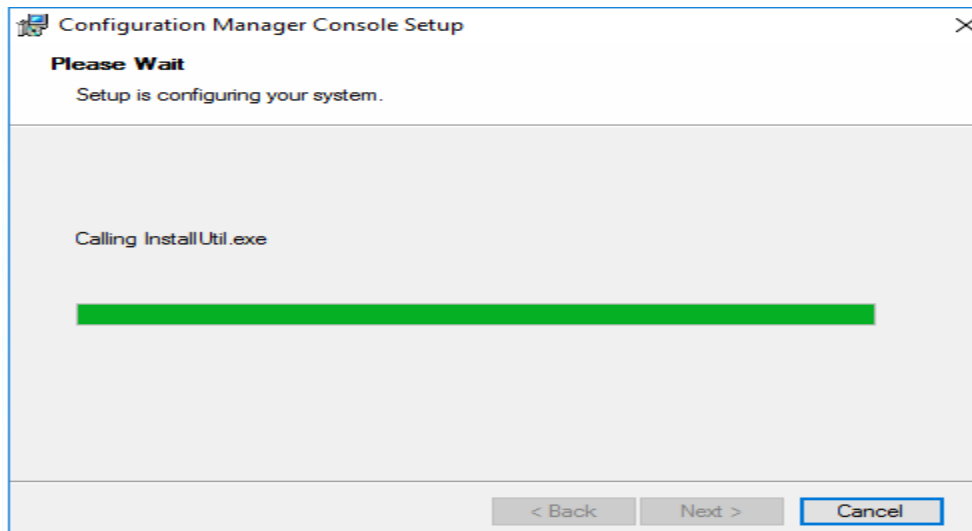
[OK](#)[Cancel](#)

## Configuration Manager



An update to the existing console is available (5.1806.1074.1507). Click OK to close the console and install the console update now. Click Cancel to continue working with the existing console (5.1806.1074.1500).

[OK](#)[Cancel](#)



As you can see from below screen shot the update is complete for both CAS and PRI.

Configuration Manager 1806 Hotfix Rollup (KB4462978) 2 items							
Icon	Update Package Name	Site Server Name	Site Code	Type	Status	Last Update Time	Package Guid
✓	Configuration Manager 1806 Hotfix Rollup (KB4462978)	CM.RAMLAN.CA	CAN	Primary site	Installed	25-Oct-2018 1:18 PM	338EF926-78A7-4AB6-B5A1-5F12474F0BD3
✓	Configuration Manager 1806 Hotfix Rollup (KB4462978)	CM1.RAMLAN.CA	USA	Central administration site	Installed	25-Oct-2018 12:47 PM	338EF926-78A7-4AB6-B5A1-5F12474F0BD3

Updates and Servicing 4 items								
Name	Date Released	State	Prereq Only	Ignore Prereq Warning	Full Version	Client Version	Last Update Time	Description
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 Manager. T
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 KB4346645
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 KB4465865
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 KB4462978

You can go to Site Hierarchy and complete client upgrade for all workstation immediately or schedule it for later time.

System Center Configuration Manager (connected to CM1 - Central Administration Site - North America HQ)

Home | Add Site System Roles | Create Site System Server | Hierarchy Settings | Saved Searches | Create Site System Server | Create Secondary Site | Upgrade | Retry Secondary Site | Recover Secondary Site | Show Install Status | Refresh | Delete | Manage Content Library | Configure Site Components | Ir

Administration > Overview > Site Configuration > Sites

Administration

- Overview
- Updates and Servicing
- Features
- Hierarchy Configuration
- Cloud Services
- Site Configuration
  - Sites
- Servers and Site System Roles
- Client Settings
- Security
- Distribution Points
- Distribution Point Groups
- Migration
- Management Insights
- Parallels Mac Management

Sites 3 items

Icon	Name	Type	Server Name
	CAN - Toronto HQ Site	Primary site	CM.RAMLAN.CA
	IND - Bangalore Asia HQ	Secondary site	CM2.RAMLAN.CA
	USA - Central Administration Site - North America HQ	Central administration site	CM1.RAMLAN.CA

Hierarchy Settings Properties

Automatic Mac Client Upgrade

General | Licensing | Diagnostic and Usage Data | Client Approval and Conflicting Records | Client Upgrade

Configure settings that control how clients automatically upgrade.

Production client version: 5.00.8692.1509  
Last modified: 25-Oct-2018 3:49:32 PM

☒ Upgrade all clients in the hierarchy using production client  
☐ Do not upgrade servers

Automatically upgrade clients within days: 1

Pre-production client version: 5.00.8692.1509  
Last modified: 25-Oct-2018 3:49:09 PM

☐ Upgrade all clients in the pre-production collection automatically using pre-production client

Pre-production collection:  Browse...

You can promote the pre-production client from Monitoring > Client Status > Pre-production Client Deployment.



Let's complete the upgrade for SEC. This can be done from CAS or PRI console. As you can see from below screen shot the upgrade option is grayed out. Upgrade is only available for feature update. Since this is KB update, you will have to kick start Recover Secondary Site. This will initiate the upgrade process.

Overview ▶ Site Configuration ▶ Sites

< Sites 2 items

Search

Icon	Name	Type	Server Name	Sti
	CAN - Toronto HQ Site	Primary site	CM.RAMLAN.CA	Si
	IND - Bangalore Asia HQ	Secondary site	CM2.RAMLAN.CA	Si

**Bangalore Asia HQ**

General

Site Code:  
Server Name:  
Install Directory:  
Build Number:  
State:

- Add Site System Roles
- Create Site System Server
- Create Secondary Site
- Retry Secondary Site
- Recover Secondary Site**
- Upgrade
- Show Install Status
- Refresh F5
- Delete Delete
- Manage Content Library
- Configure Site Components ▶
- Client Installation Settings ▶
- Site Maintenance
- Status Summarizers
- Status Filter Rules
- Set Security Scopes
- Properties**
- Parallels Mac Client Push Installation
- Recast RCT ▶

Configuration Manager



You are about to recover a secondary site, IND - CM2.RAMLAN.CA. The recovery process installs the secondary site by using the same configuration as the previous site IND. To monitor the recovery process and identify additional actions you might need to take, use the action Show Install Status.

OK

Cancel

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 Administration Site - North America HQ	Central administration site	CM1.RAMLAN.CA	Site Active	USA	

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
 Install

Site

Site Configuration ▸ Sites

3 items

rch

Name	Type	Server Name	State
CAN - Toronto HQ Site	Primary site	CM.RAMLAN.CA	Site Active
IND - Bangalore Asia HQ	Secondary site	CM2.RAMLAN.CA	Pending
USA - Central Administration Site - North America HQ	Central administration site	CM1.RAMLAN.CA	Site Active

Sites 2 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	Recovering	IND	CAN

Secondary Site Installation Status ✕

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

Filter...

Time Stamp	Type	Status	Description
25-Oct-2018 4:47:00 PM	Prerequisite	Passed	Prerequisite checks complete
25-Oct-2018 4:47:00 PM	Prerequisite	Passed	Verifies that the user running Setup has local administrator right...
25-Oct-2018 4:47:00 PM	Prerequisite	Passed	Verifies that Internet Information Services (IIS) is configured for ...
25-Oct-2018 4:47:00 PM	Prerequisite	Passed	Verifies that the Microsoft Core XML Services (MSXML) version...
25-Oct-2018 4:47:00 PM	Prerequisite	Passed	Verifies that the operating system meets the minimum requireme...
25-Oct-2018 4:47:00 PM	Prerequisite	Passed	Checks to see if there is an earlier version of the Configuration ...
25-Oct-2018 4:46:49 PM	Prerequisite	Passed	Verifies that the machine account of site server has administrati...
25-Oct-2018 4:46:49 PM	Prerequisite	Passed	Checks if the Windows Defender Firewall is disabled or if a rele...
25-Oct-2018 4:46:49 PM	Prerequisite	Passed	Verifies that Internet Information Services (IIS) is configured for ...
25-Oct-2018 4:46:49 PM	Prerequisite	Passed	Verifies that Background Intelligent Transfer Service (BITS) is e...
25-Oct-2018 4:46:37 PM	Prerequisite	Passed	Verifies that Background Intelligent Transfer Service (BITS) is in...

Description:

[Passed]:Prerequisite checks complete

OK Cancel

## Secondary Site Installation Status

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

Refresh

Filter...

Time Stamp	Type	Status	Description
25-Oct-2018 6:06:52 PM	Bootstrap	Passed	Secondary site server bootstrap installation service succeeded
25-Oct-2018 6:06:52 PM	Recover	Passed	ConfigMgr Setup - Recovered ConfigMgr secondary site succe...
25-Oct-2018 6:06:52 PM	Recover	Passed	Content is validated on the secondary site.
25-Oct-2018 6:06:52 PM	Recover	Passed	Content validation is in progress on the secondary site.
25-Oct-2018 6:06:52 PM	Recover	Passed	Start to validate content on the secondary site.
25-Oct-2018 6:06:52 PM	Recover	Passed	Database Replication Link between primary and secondary site i...
25-Oct-2018 5:52:39 PM	Recover	Passed	Waiting for Database Replication Link State to be active.
25-Oct-2018 5:52:39 PM	Install	Passed	Installation of secondary site server component manager servic...
25-Oct-2018 5:49:41 PM	Install	Passed	Begin installation of secondary site server component manager ...
25-Oct-2018 5:49:41 PM	Install	Passed	Installation of secondary site server component manager succe...
25-Oct-2018 5:49:41 PM	Install	Passed	Begin installation of secondary site server component manager

Description:

[Passed]:Secondary site server bootstrap installation service succeeded

OK

Cancel

Sites 2 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	Site Active	IND	CAN

Now we have completed the KB update on CB1806.

Thanks

Ram Lan

2th Oct 2018

