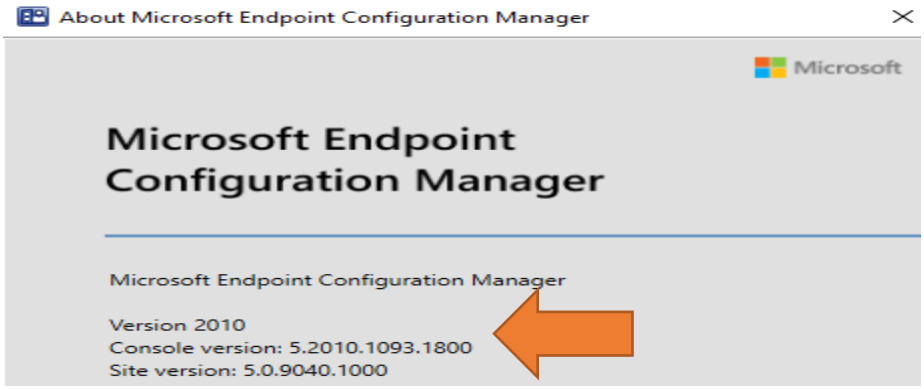
How to upgrade Current Branch 2010 to Current Branch 2103

I am currently running CB2010. In this post, we will install CB2103 released today.



Microsoft has released a first SCCM version for 2021. SCCM 2103 has been released on April 5th, 2021. Don't forget SCCM has a new branding since 1910 – now called Microsoft Endpoint Configuration Manager (MEMCM). This post is a complete step-by-step SCCM 2103 upgrade guide, meaning that if you want to upgrade your existing SCCM/MEMCM installation to the latest SCCM/MEMCM updates, this post is for you.

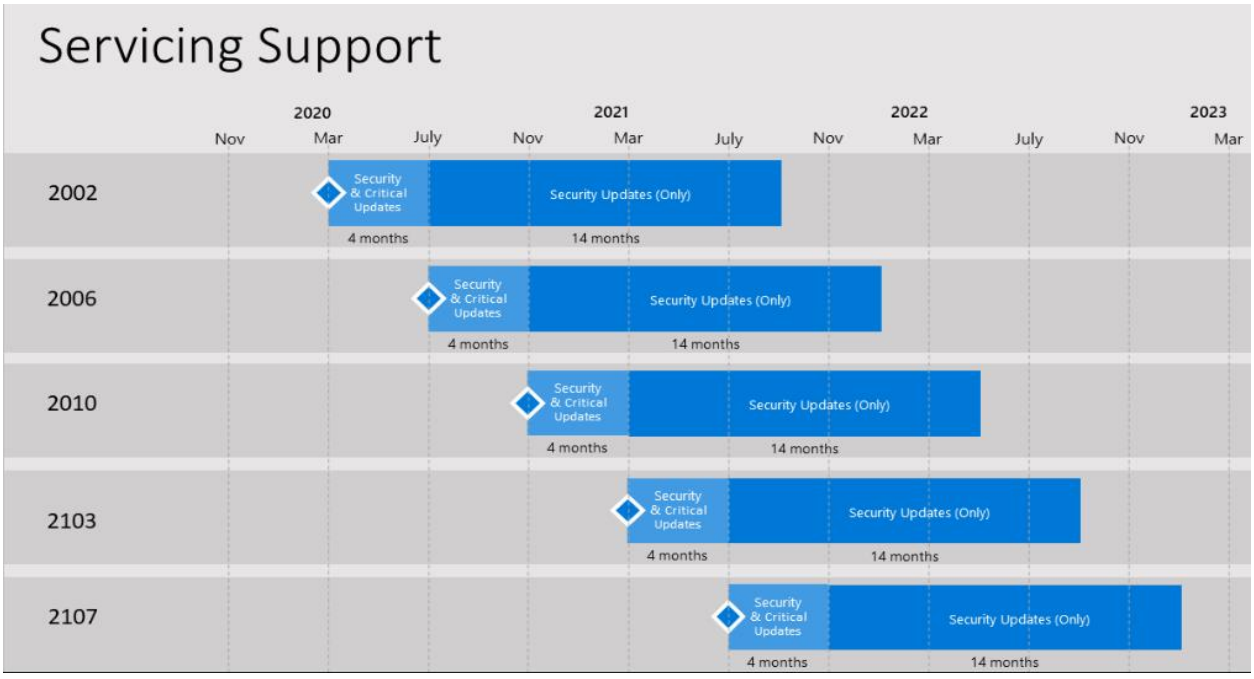
More about this release here - https://techcommunity.microsoft.com/t5/configuration-manager-blog/update-2103-for-microsoft-endpoint-configuration-manager-current/ba-p/2251517

https://docs.microsoft.com/en-us/mem/configmgr/core/plan-design/changes/whats-new-in-version-2103

https://docs.microsoft.com/en-us/mem/configmgr/apps/deploy-use/disable-delete-deployments

SCCM 2002 is the latest baseline version. This means that if you're downloading the source from Volume Licensing, SCCM 2002 will be the starting version of your new SCCM site. Once a new server is built using 2002, you can upgrade to the latest 2103 version after.

Support for Current Branch:



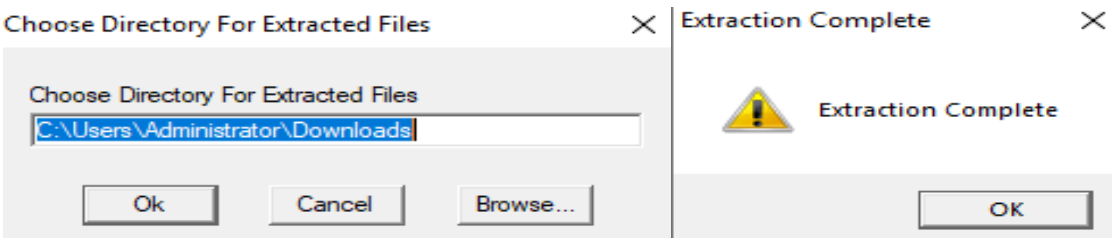
Early Update Ring

At the time of this writing, SCCM 2103 is available in the Early update ring. You must run the opt-in script to see it appear in the console. We'll cover that in the Installation section.

https://docs.microsoft.com/en-us/mem/configmgr/core/servers/manage/checklist-for-installing-update-2010#early-update-ring

At this time, version 2010 is released for the early update ring. To install this update, you need to opt-in. The following PowerShell script adds your hierarchy or standalone primary site to the early update ring for version 2010:

https://go.microsoft.com/fwlink/?linkid=2099733 – Early Ring Update Script

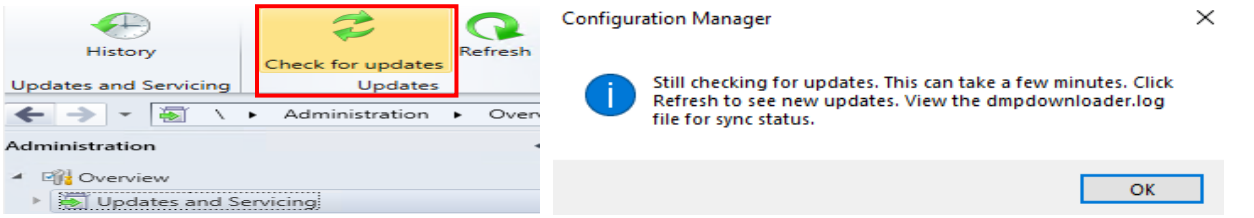


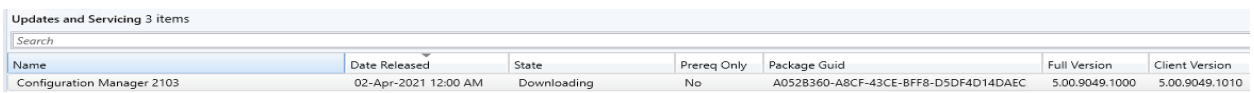
Copy this file to Config Manager Server

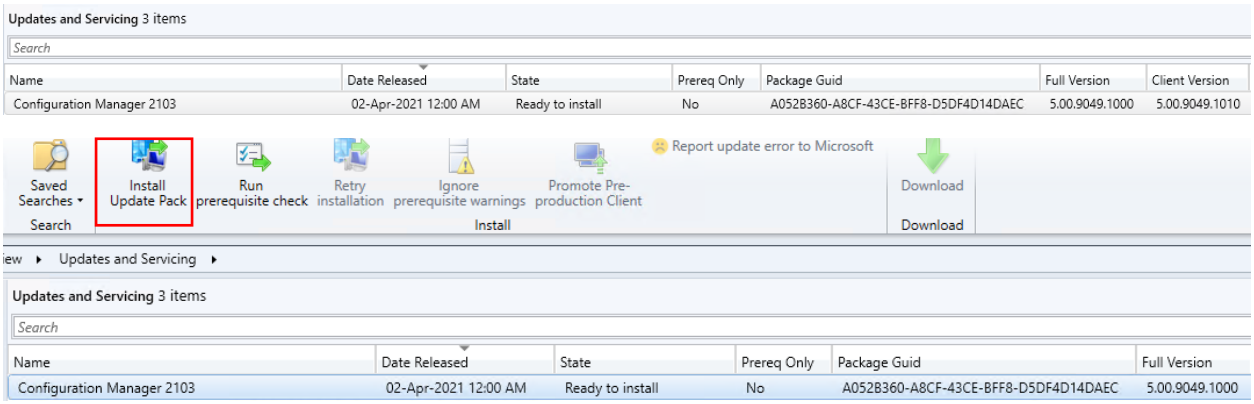
Open PowerShell as Admin

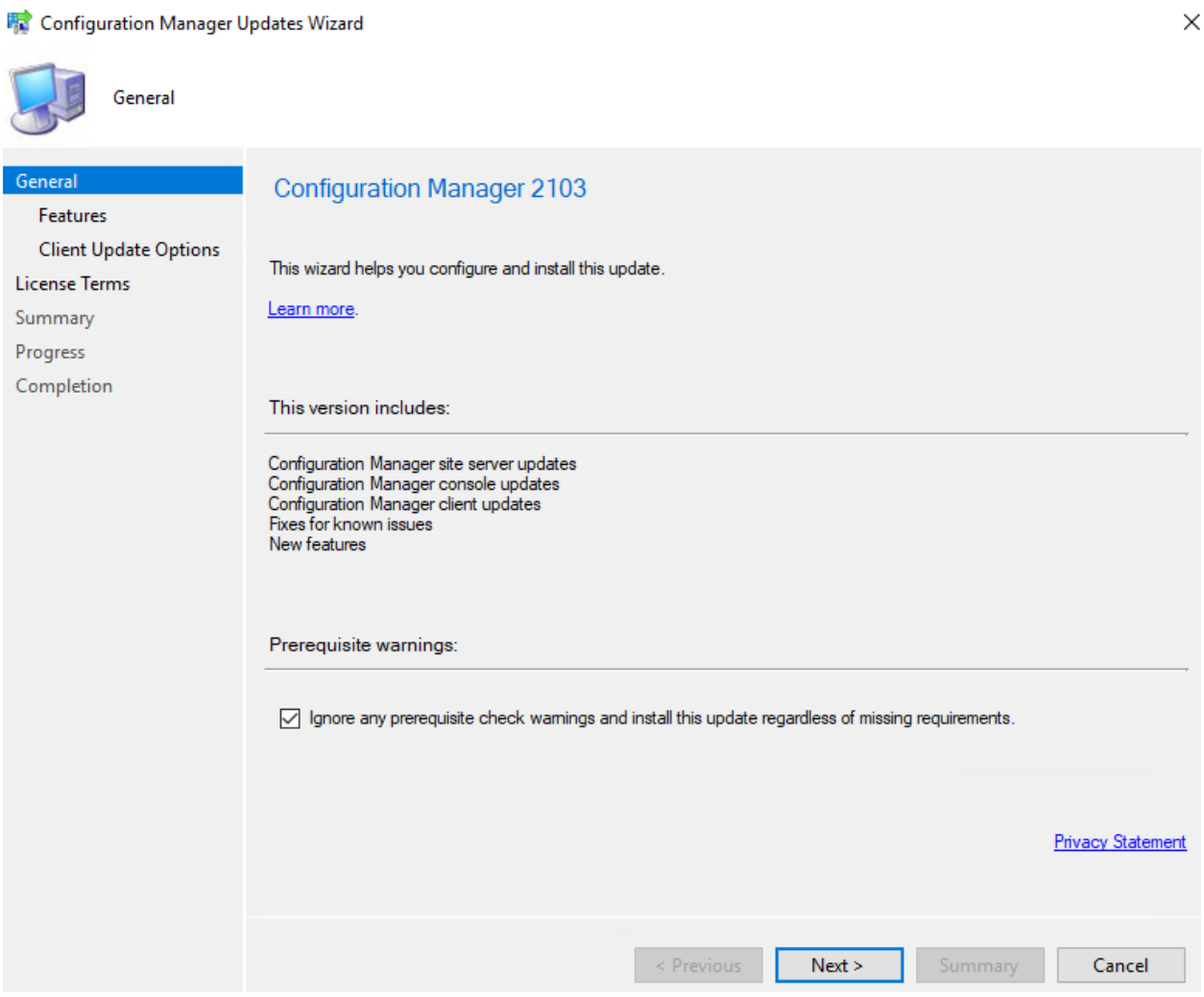
```
PS C:\Users\Administrator.RAMLAN\Documents> .\enableearlyupdatering2103.ps1

cmdlet enableearlyupdatering2103.ps1 at command pipeline position 1
Supply values for the following parameters:
(Type !? for Help.)
siteServer: CB.RAMLAN.CA
-Message Determine the providers on the siteServer: 'CB.RAMLAN.CA'
-Message SiteCode: 'TOR'
-Message Provider Machine Name: 'CB.RAMLAN.CA'


Path          : \\CB.RAMLAN.CA\root\SMS\site_TOR:SMS_SCI_Component.FileType=2,ItemName="SMS_DMP_DOWNLOADER|SMS Dmp
                Connector",ItemType="Component",SiteCode="TOR"
RelativePath  : SMS_SCI_Component.FileType=2,ItemName="SMS_DMP_DOWNLOADER|SMS Dmp
                Connector",ItemType="Component",SiteCode="TOR"
Server        : CB.RAMLAN.CA
NamespacePath : root\SMS\site_TOR
ClassName     : SMS_SCI_Component
IsClass       : False
IsInstance    : True
IsSingleton   : False

The command(s) completed successfully
```

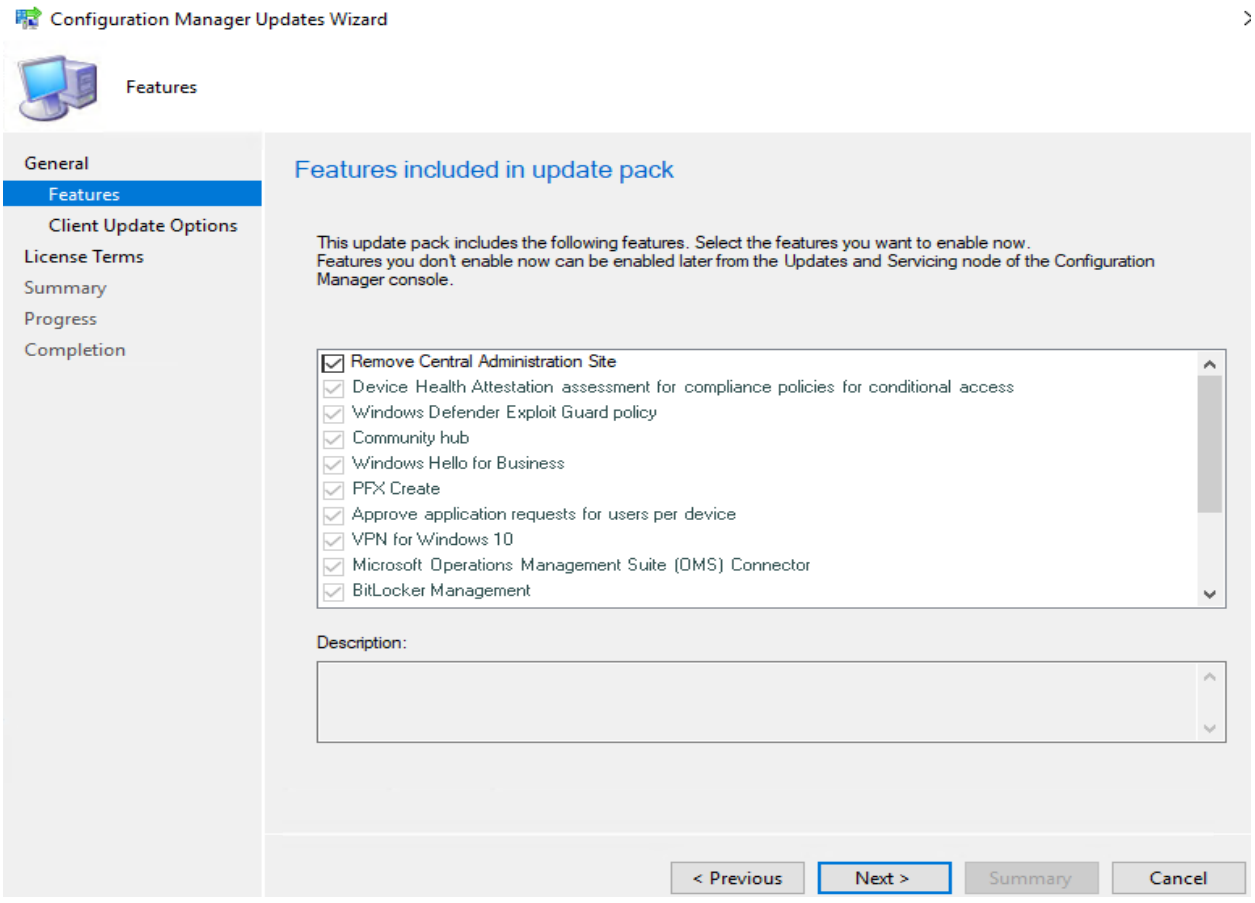
Now wait for the update to show up in the console – click check updates

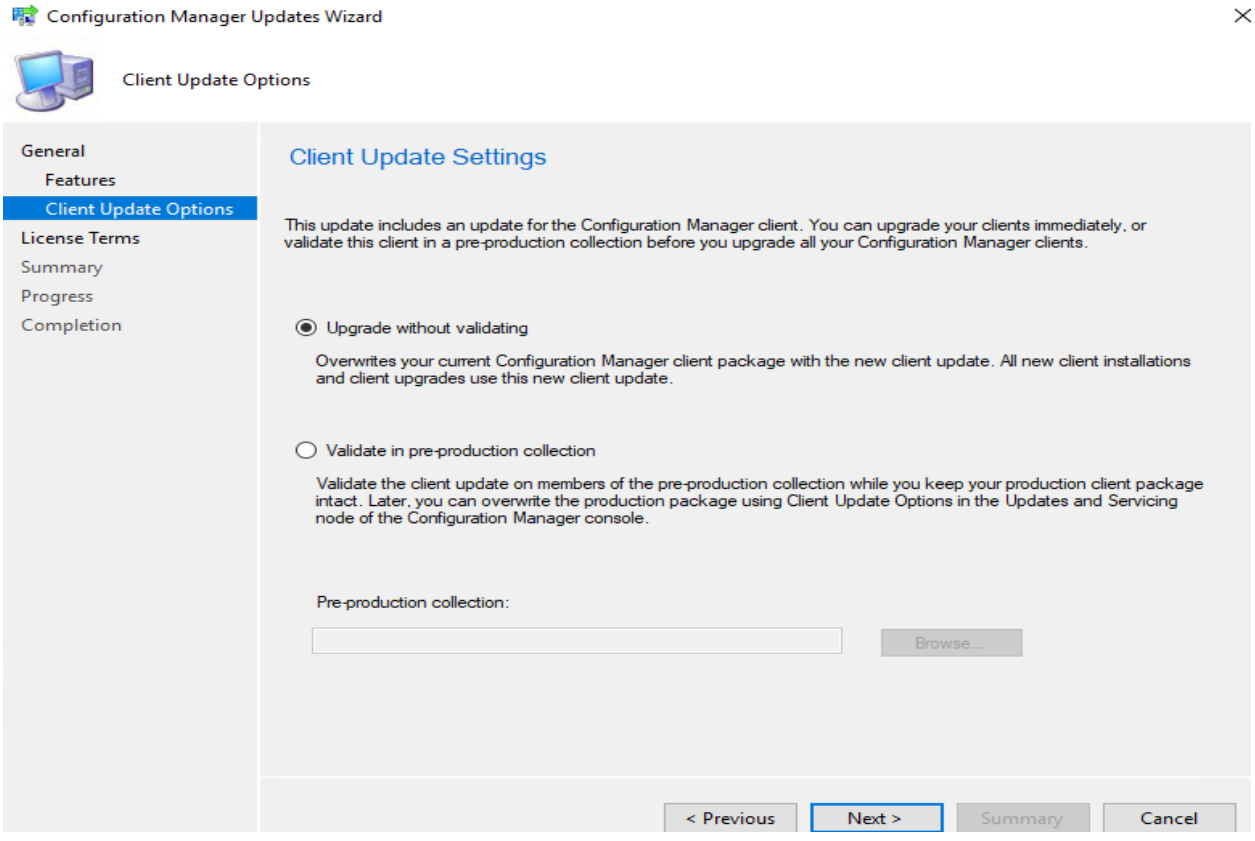


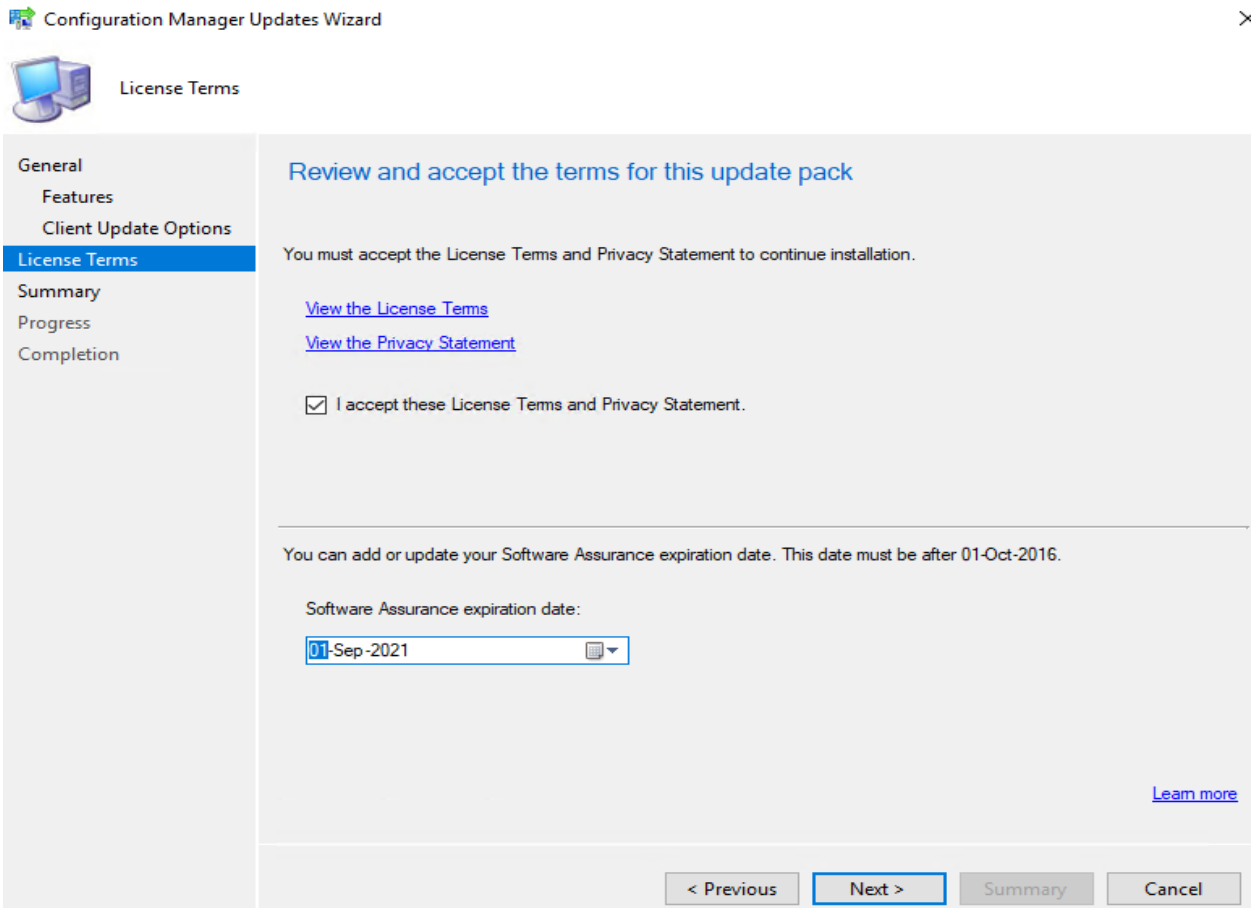


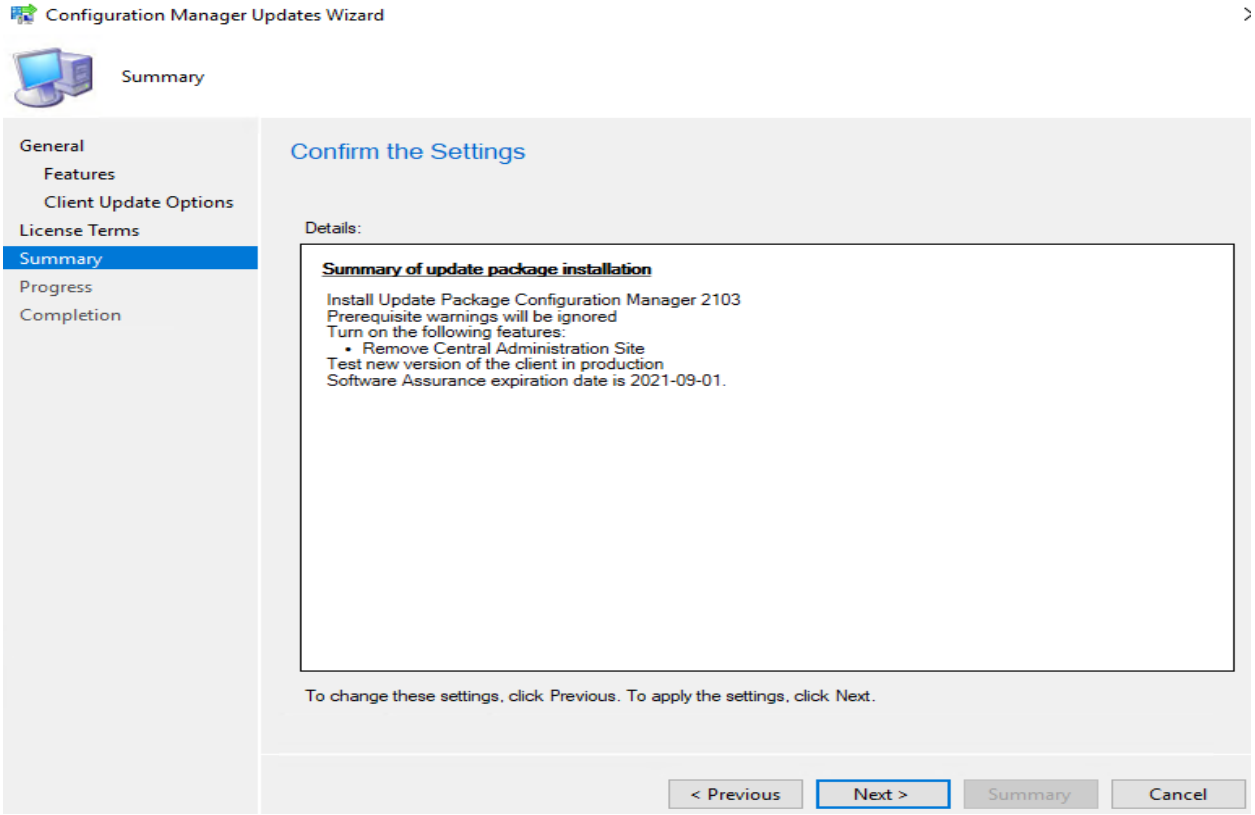

Updates and Servicing 3 items
Search
Name
Date Released
State
Prereq Only
Package Guid
Full Version
Client Version
Configuration Manager 2103
02-Apr-2021 12:00 AM
Ready to install
No
A052B360-A8CF-43CE-BFF8-D5DF4D14DAEC
5.00.9049.1000
5.00.9049.1010
Saved Searches
Search
Install Update Pack
Run prerequisite check
Retry installation
Ignore prerequisite warnings
Promote Pre-production Client
Install
Report update error to Microsoft
Download
Download
Updates and Servicing
Updates and Servicing 3 items
Search
Name
Date Released
State
Prereq Only
Package Guid
Full Version
Configuration Manager 2103
02-Apr-2021 12:00 AM
Ready to install
No
A052B360-A8CF-43CE-BFF8-D5DF4D14DAEC
5.00.9049.1000

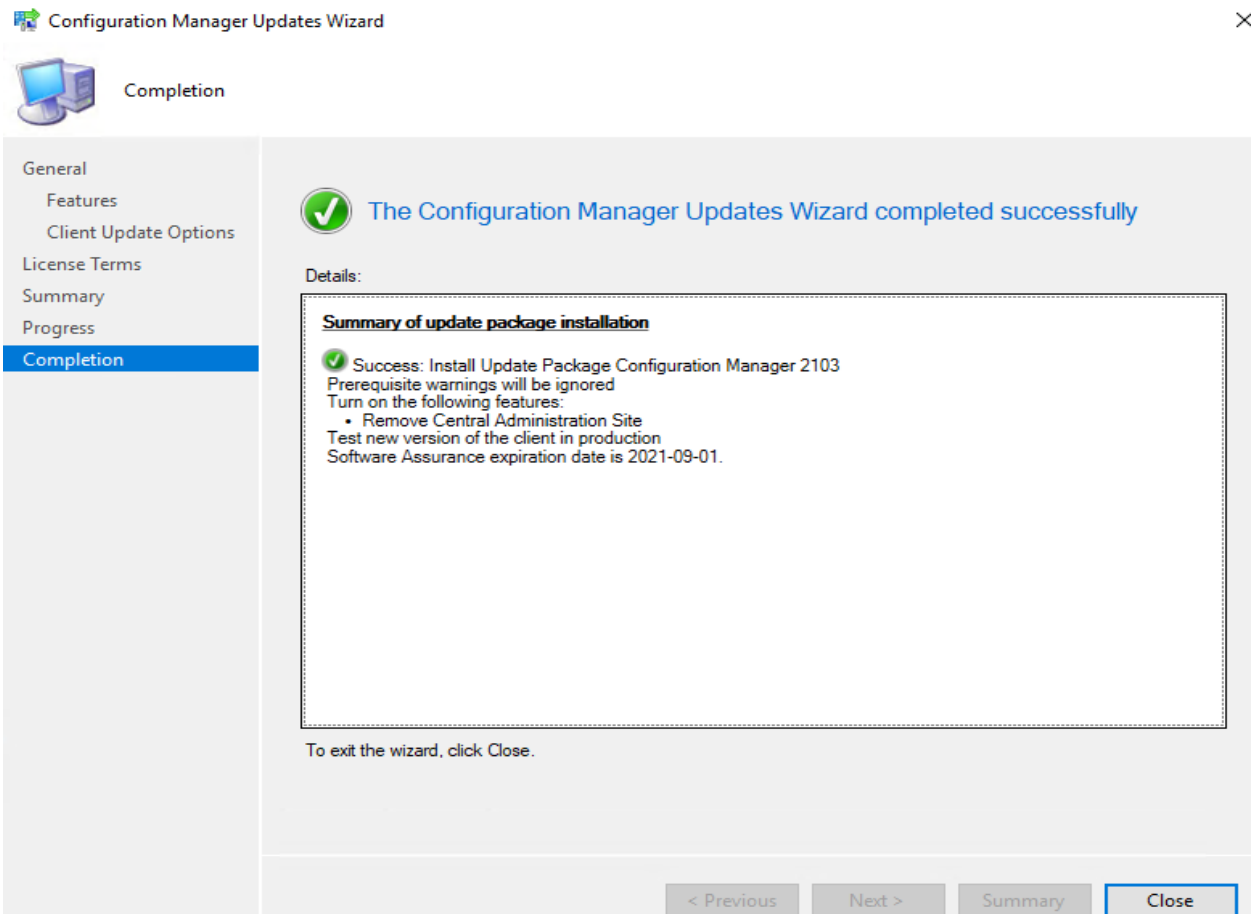

Configuration Manager Updates Wizard
General
General
Features
Client Update Options
License Terms
Summary
Progress
Completion
Configuration Manager 2103
This wizard helps you configure and install this update.
Learn more.
This version includes:
Configuration Manager site server updates
Configuration 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

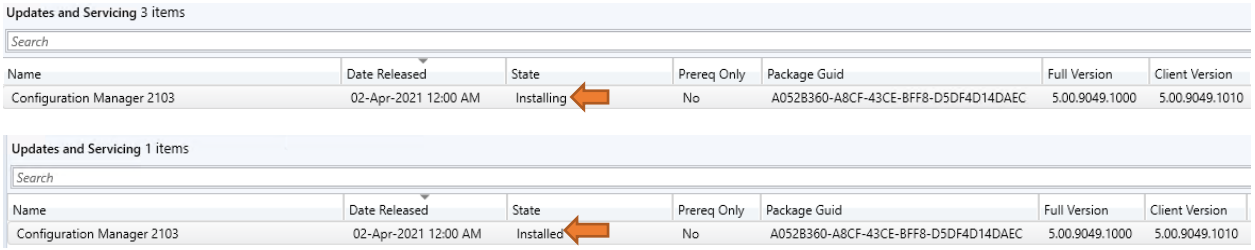

Configuration Manager Updates Wizard
Features
General
Features
Client Update Options
License Terms
Summary
Progress
Completion
Features included in update pack
This update pack includes the following features. Select the features you want to enable now.
Features you don't enable now can be enabled later from the Updates and Servicing node of the Configuration Manager console.
Remove Central Administration Site
Device Health Attestation assessment for compliance policies for conditional access
Windows Defender Exploit Guard policy
Community hub
Windows Hello for Business
PFX Create
Approve application requests for users per device
VPN for Windows 10
Microsoft Operations Management Suite (OMS) Connector
BitLocker Management
Description:
< Previous
Next >
Summary
Cancel


Configuration Manager Updates Wizard
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...
< Previous
Next >
Summary
Cancel

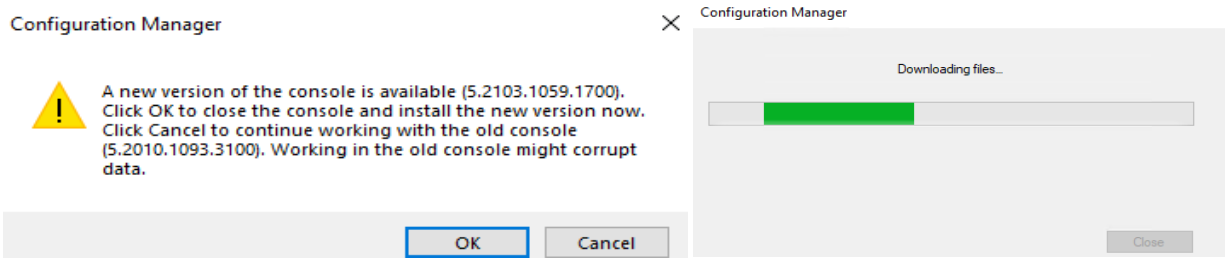

Configuration Manager Updates Wizard
License Terms
General
Features
Client Update Options
License Terms
Summary
Progress
Completion
Review and accept the terms for this update pack
You must accept the License Terms and Privacy Statement to continue installation.
View the License Terms
View the Privacy Statement
I accept these License Terms and Privacy Statement.
You can add or update your Software Assurance expiration date. This date must be after 01-Oct-2016.
Software Assurance expiration date:
01-Sep-2021
Learn more
< Previous
Next >
Summary
Cancel

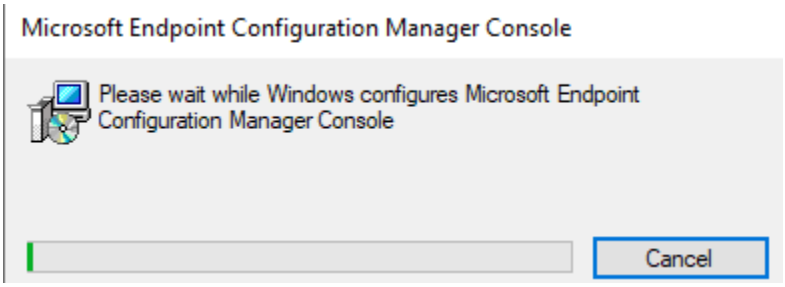

Configuration Manager Updates Wizard
Summary
General
Features
Client Update Options
License Terms
Summary
Progress
Completion
Confirm the Settings
Details:
Summary of update package installation
Install Update Package Configuration Manager 2103
Prerequisite warnings will be ignored
Turn on the following features:
• Remove Central Administration Site
Test new version of the client in production
Software Assurance expiration date is 2021-09-01.
To change these settings, click Previous. To apply the settings, click Next.
< Previous
Next >
Summary
Cancel

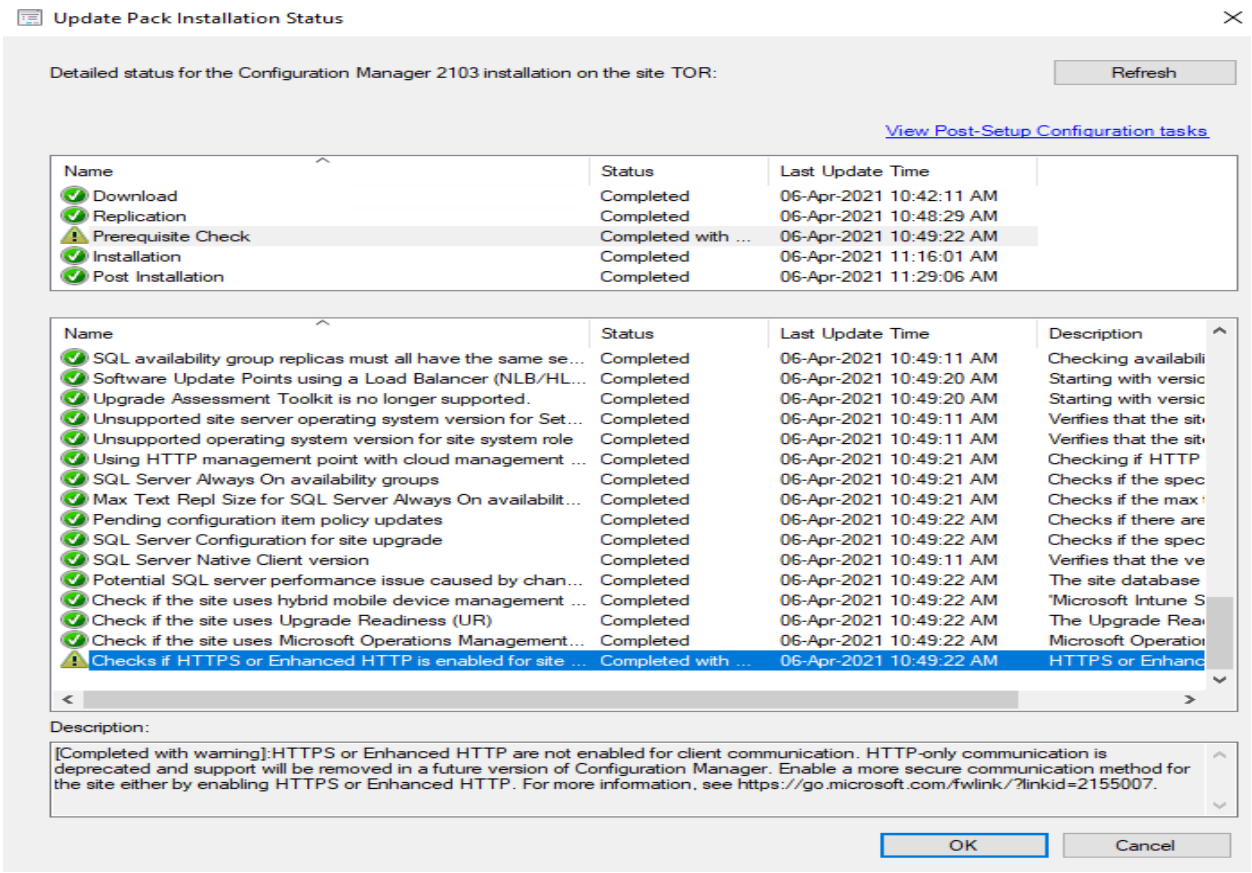

Configuration Manager Updates Wizard
Completion
General
Features
Client Update Options
License Terms
Summary
Progress
Completion
The Configuration Manager Updates Wizard completed successfully
Details:
Summary of update package installation
Success: Install Update Package Configuration Manager 2103
Prerequisite warnings will be ignored
Turn on the following features:
Remove Central Administration Site
Test new version of the client in production
Software Assurance expiration date is 2021-09-01.
To exit the wizard, click Close.
< Previous
Next >
Summary
Close

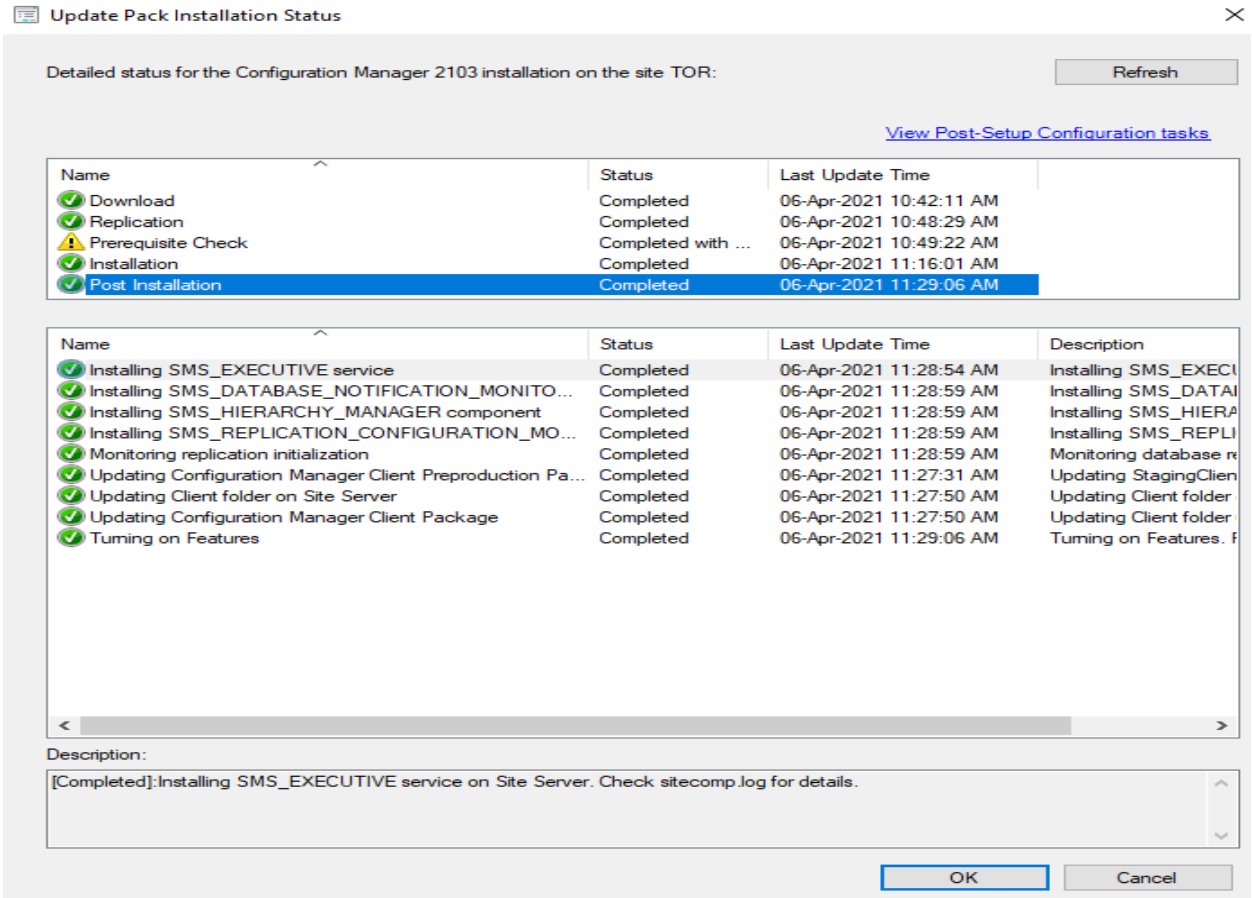

Updates and Servicing 3 items
Search
Name
Date Released
State
Prereq Only
Package Guid
Full Version
Client Version
Configuration Manager 2103
02-Apr-2021 12:00 AM
Installing
No
A052B360-A8CF-43CE-BFF8-D5DF4D14DAEC
5.00.9049.1000
5.00.9049.1010

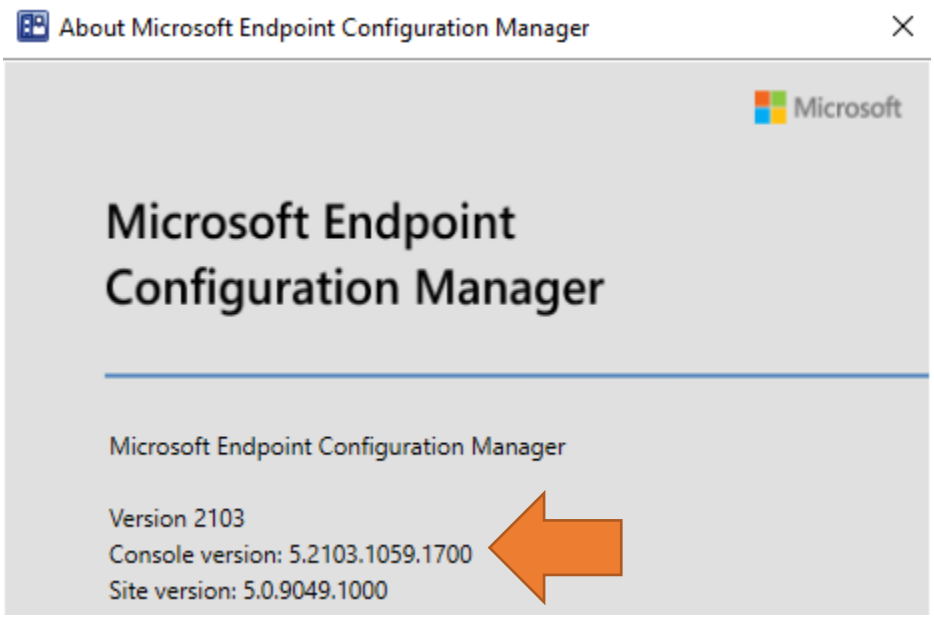
Updates and Servicing 1 items
Search
Name
Date Released
State
Prereq Only
Package Guid
Full Version
Client Version
Configuration Manager 2103
02-Apr-2021 12:00 AM
Installed
No
A052B360-A8CF-43CE-BFF8-D5DF4D14DAEC
5.00.9049.1000
5.00.9049.1010


Configuration Manager
A new version of the console is available (5.2103.1059.1700). Click OK to close the console and install the new version now. Click Cancel to continue working with the old console (5.2010.1093.3100). Working in the old console might corrupt data.
OK
Cancel
Configuration Manager
Downloading files...
Close


Microsoft Endpoint Configuration Manager Console
Please wait while Windows configures Microsoft Endpoint Configuration Manager Console
Cancel

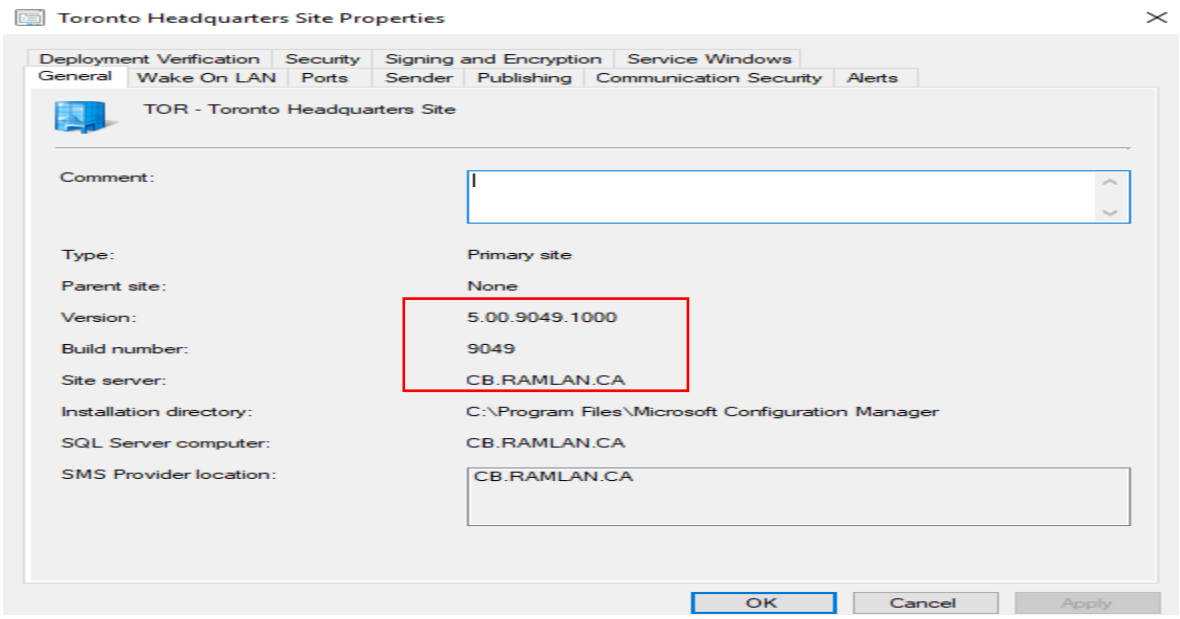

Update Pack Installation Status
Detailed status for the Configuration Manager 2103 installation on the site TOR:
Refresh
View Post-Setup Configuration tasks
Name
Status
Last Update Time
Download
Completed
06-Apr-2021 10:42:11 AM
Replication
Completed
06-Apr-2021 10:48:29 AM
Prerequisite Check
Completed with ...
06-Apr-2021 10:49:22 AM
Installation
Completed
06-Apr-2021 11:16:01 AM
Post Installation
Completed
06-Apr-2021 11:29:06 AM
Name
Status
Last Update Time
Description
SQL availability group replicas must all have the same se...
Completed
06-Apr-2021 10:49:11 AM
Checking availabili
Software Update Points using a Load Balancer (NLB/HL...
Completed
06-Apr-2021 10:49:20 AM
Starting with versic
Upgrade Assessment Toolkit is no longer supported.
Completed
06-Apr-2021 10:49:20 AM
Starting with versic
Unsupported site server operating system version for Set...
Completed
06-Apr-2021 10:49:11 AM
Verifies that the sit
Unsupported operating system version for site system role
Completed
06-Apr-2021 10:49:11 AM
Verifies that the sit
Using HTTP management point with cloud management ...
Completed
06-Apr-2021 10:49:21 AM
Checking if HTTP
SQL Server Always On availability groups
Completed
06-Apr-2021 10:49:21 AM
Checks if the spec
Max Text Repl Size for SQL Server Always On availabilit...
Completed
06-Apr-2021 10:49:21 AM
Checks if the max
Pending configuration item policy updates
Completed
06-Apr-2021 10:49:22 AM
Checks if there are
SQL Server Configuration for site upgrade
Completed
06-Apr-2021 10:49:22 AM
Checks if the spec
SQL Server Native Client version
Completed
06-Apr-2021 10:49:11 AM
Verifies that the ve
Potential SQL server performance issue caused by chan...
Completed
06-Apr-2021 10:49:22 AM
The site database
Check if the site uses hybrid mobile device management ...
Completed
06-Apr-2021 10:49:22 AM
'Microsoft Intune S
Check if the site uses Upgrade Readiness (UR)
Completed
06-Apr-2021 10:49:22 AM
The Upgrade Rea
Check if the site uses Microsoft Operations Management...
Completed
06-Apr-2021 10:49:22 AM
Microsoft Operatio
Checks if HTTPS or Enhanced HTTP is enabled for site ...
Completed with ...
06-Apr-2021 10:49:22 AM
HTTPS or Enhanc
Description:
[Completed with warning]:HTTPS or Enhanced HTTP are not enabled for client communication. HTTP-only communication is deprecated and support will be removed in a future version of Configuration Manager. Enable a more secure communication method for the site either by enabling HTTPS or Enhanced HTTP. For more information, see https://go.microsoft.com/fwlink/?linkid=2155007.
OK
Cancel


Update Pack Installation Status
Detailed status for the Configuration Manager 2103 installation on the site TOR:
Refresh
View Post-Setup Configuration tasks
Name
Status
Last Update Time
Download
Completed
06-Apr-2021 10:42:11 AM
Replication
Completed
06-Apr-2021 10:48:29 AM
Prerequisite Check
Completed with ...
06-Apr-2021 10:49:22 AM
Installation
Completed
06-Apr-2021 11:16:01 AM
Post Installation
Completed
06-Apr-2021 11:29:06 AM
Name
Status
Last Update Time
Description
Installing SMS_EXECUTIVE service
Completed
06-Apr-2021 11:28:54 AM
Installing SMS_EXECU
Installing SMS_DATABASE_NOTIFICATION_MONITO...
Completed
06-Apr-2021 11:28:59 AM
Installing SMS_DATAI
Installing SMS_HIERARCHY_MANAGER component
Completed
06-Apr-2021 11:28:59 AM
Installing SMS_HIERA
Installing SMS_REPLICATION_CONFIGURATION_MO...
Completed
06-Apr-2021 11:28:59 AM
Installing SMS_REPLI
Monitoring replication initialization
Completed
06-Apr-2021 11:28:59 AM
Monitoring database re
Updating Configuration Manager Client Preproduction Pa...
Completed
06-Apr-2021 11:27:31 AM
Updating StagingClien
Updating Client folder on Site Server
Completed
06-Apr-2021 11:27:50 AM
Updating Client folder
Updating Configuration Manager Client Package
Completed
06-Apr-2021 11:27:50 AM
Updating Client folder
Turning on Features
Completed
06-Apr-2021 11:29:06 AM
Turning on Features. F
Description:
[Completed]:Installing SMS_EXECUTIVE service on Site Server. Check sitecomp.log for details.
OK
Cancel



SCCM SERVERS

- Go to **Administration \ Site Configuration \ Sites**
- Right-click your site and select **Properties**
- Verify the **Version** and **Build number**



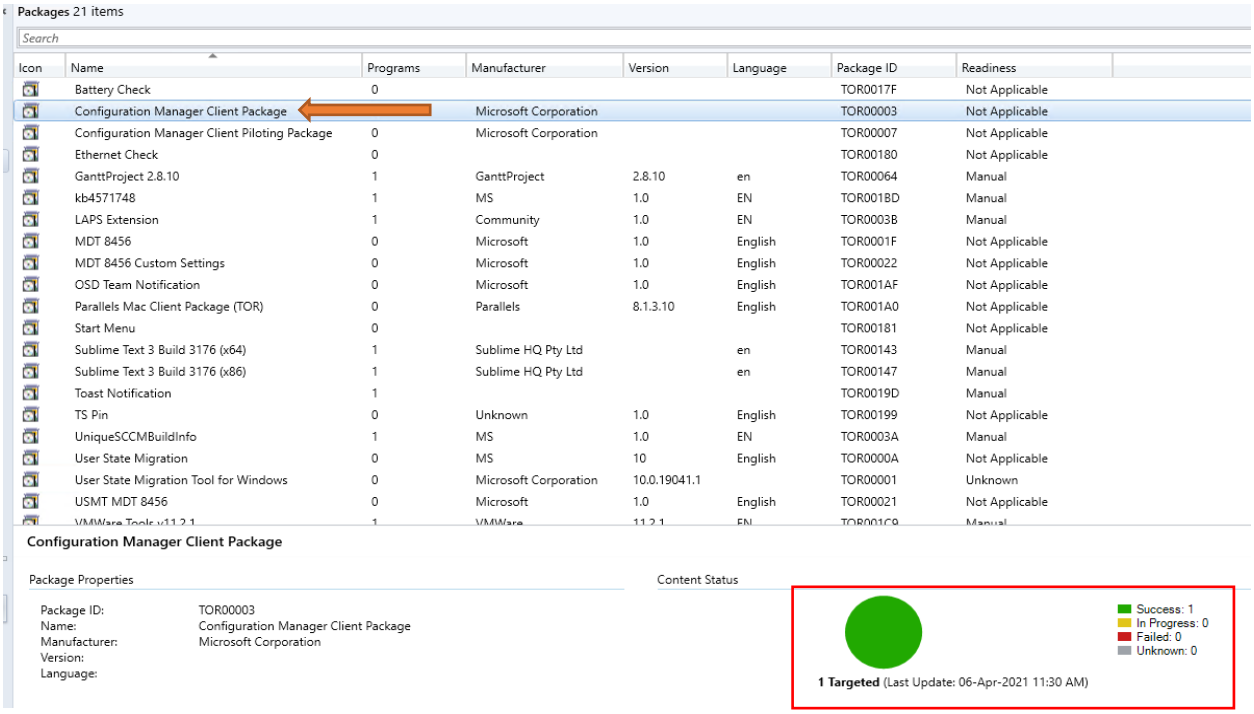
SCCM 2103 Version Details

Following are the version details of Configuration Manager 2103.

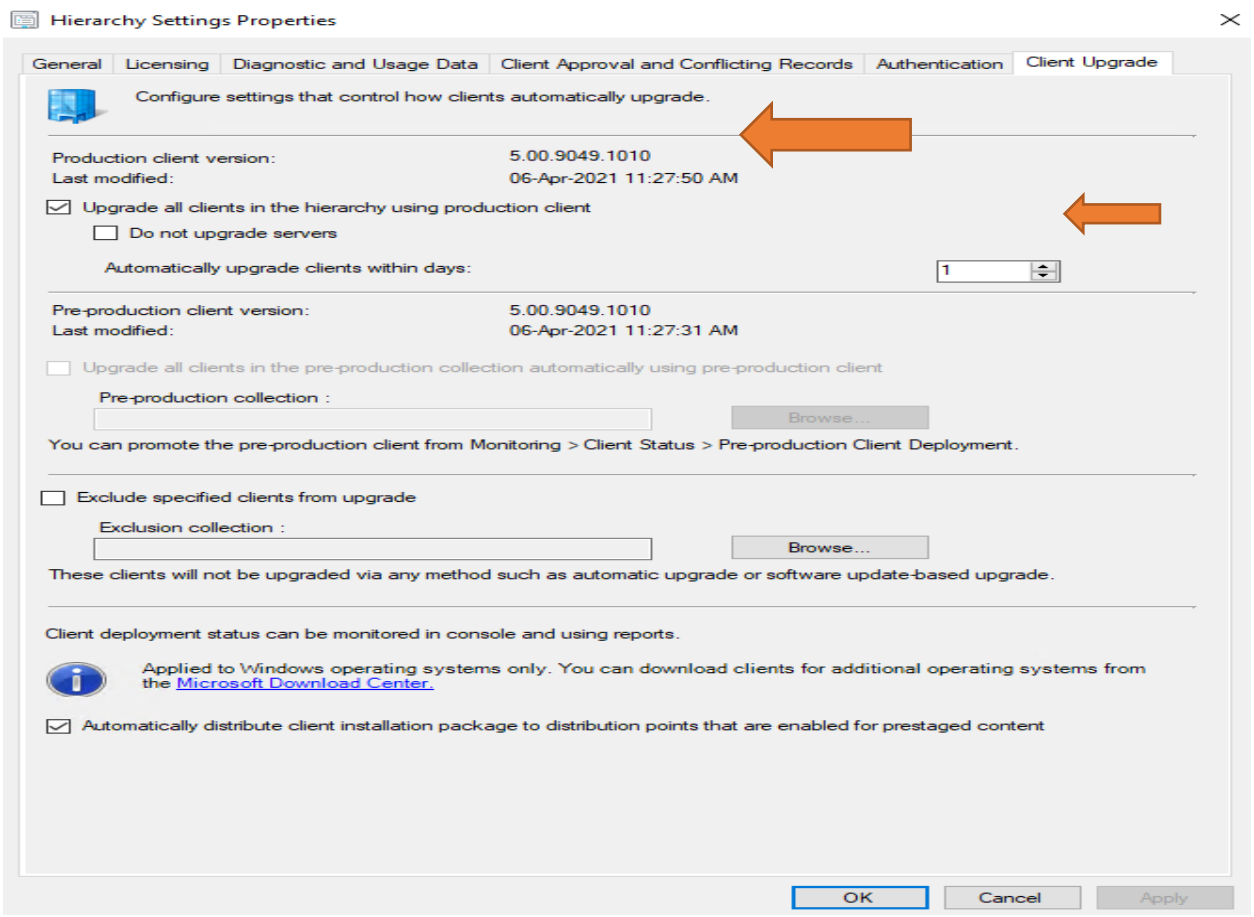
- Client Version 5.00.9049.1008
- Full Site Version 5.00.9049.1000
- Site version 5.0.9049.1000
- Console Version 5.2130.1059.1700

SCCM 2103 CLIENT PACKAGE DISTRIBUTION

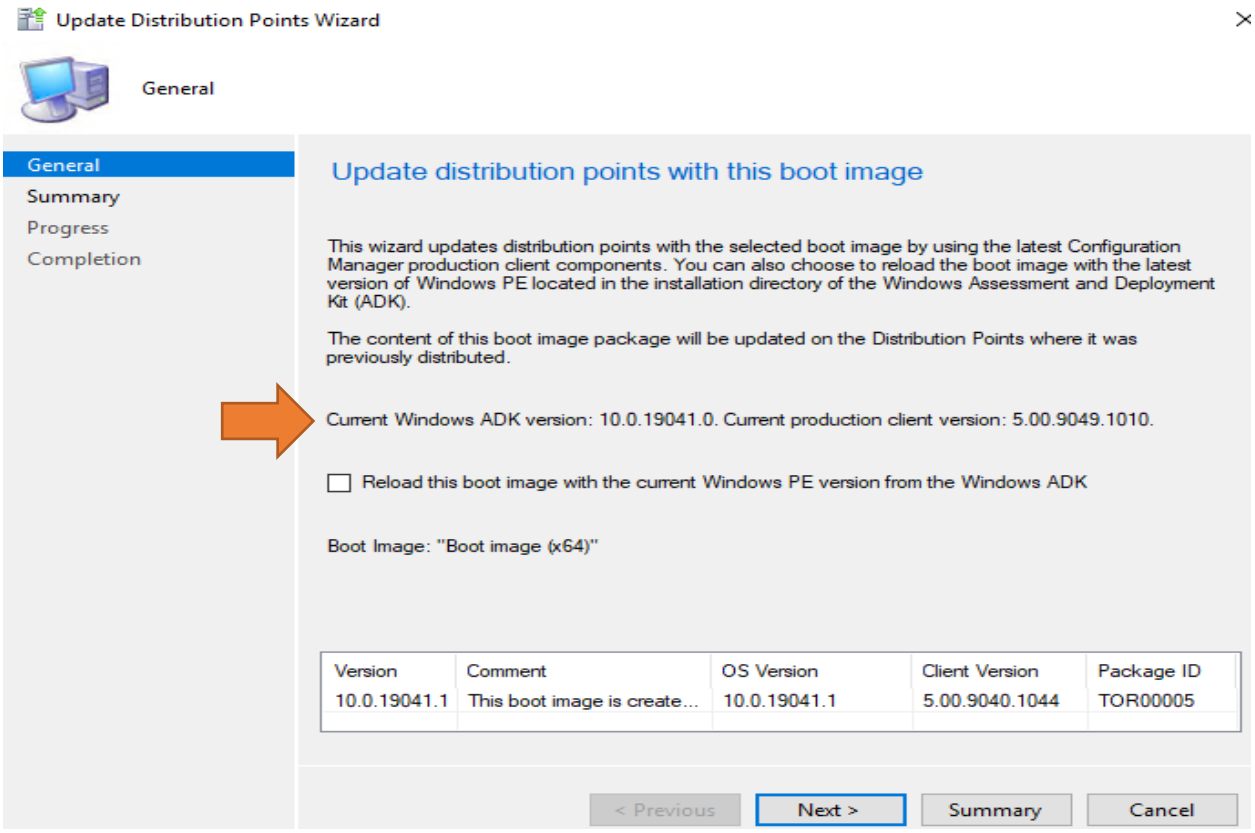
You'll see that the 2 client packages are updated:

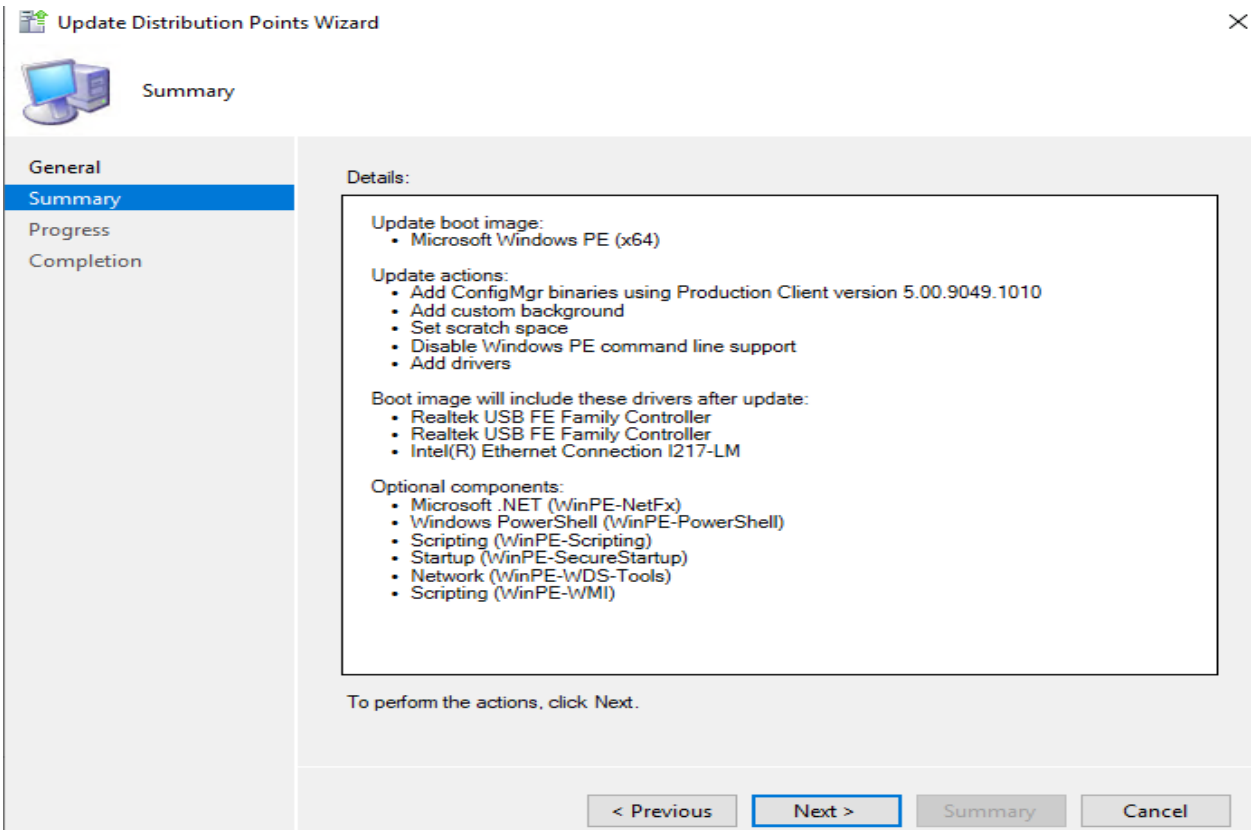


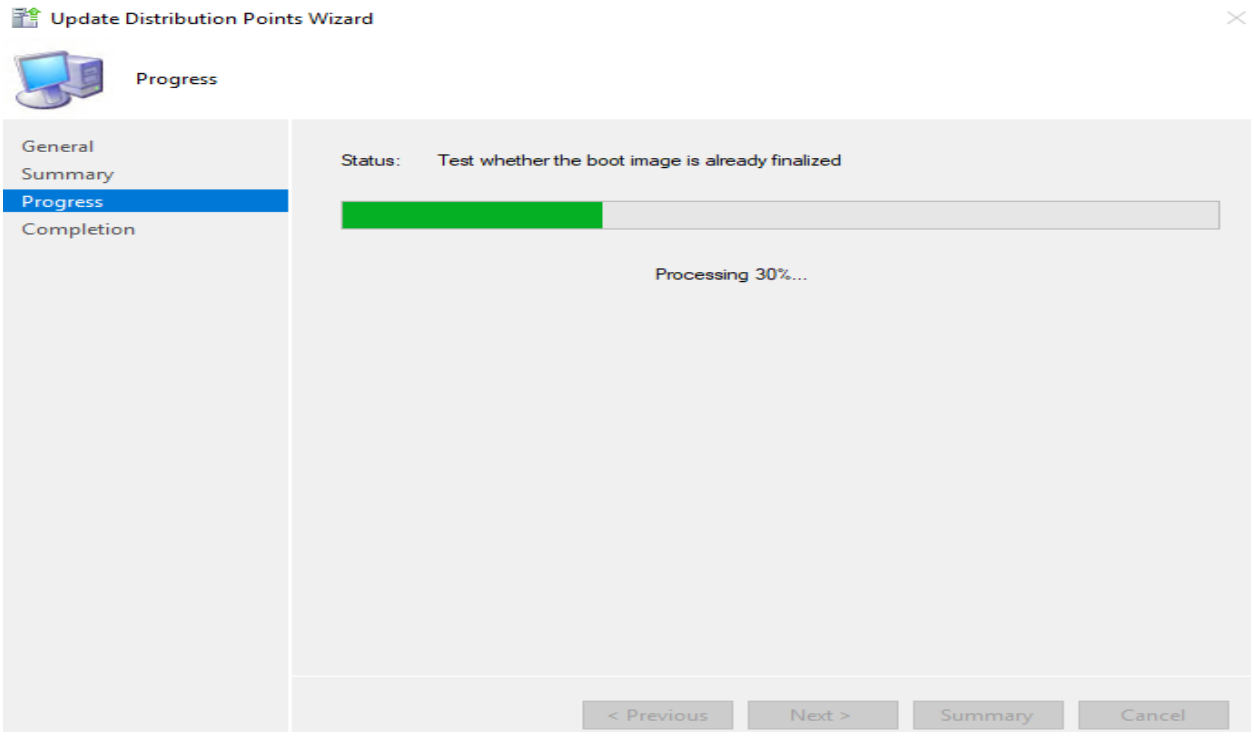
Now time to check site hierarch settings for client upgrade

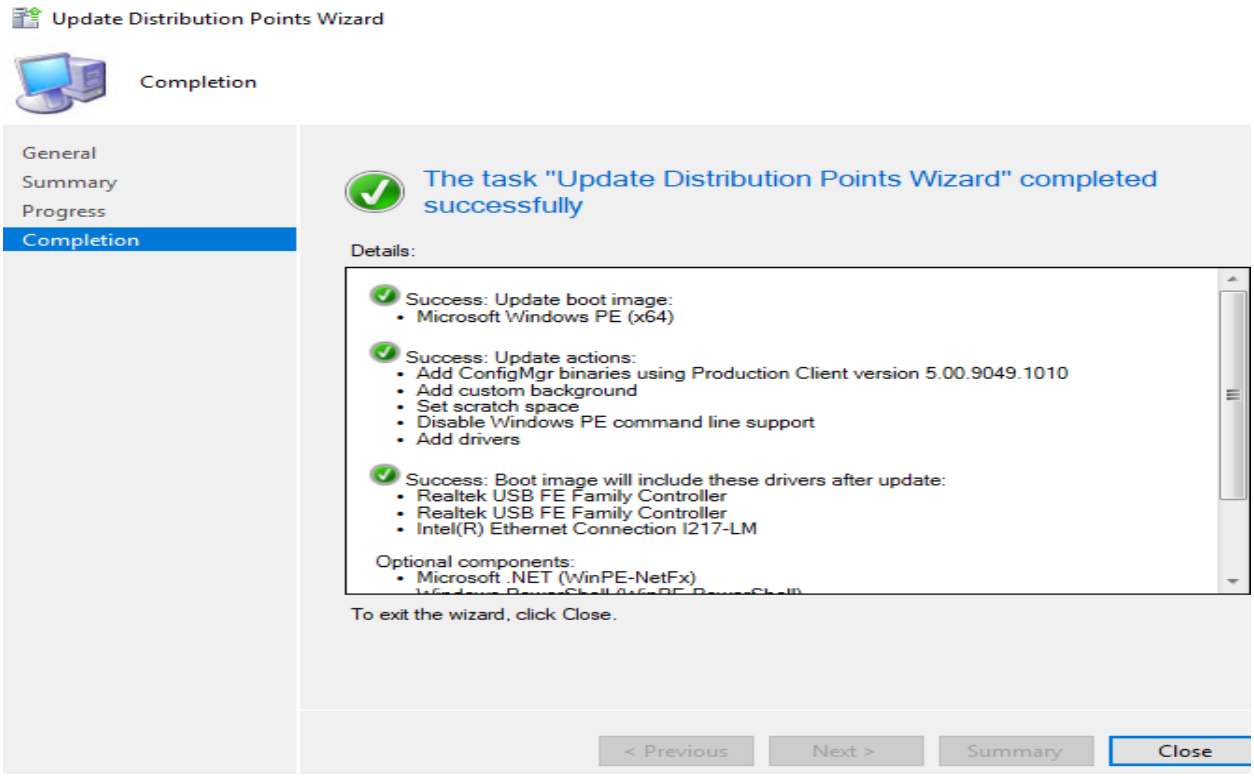


Update Boot Images:









Now the upgrade to CB2103 is complete. I will post another blog covering new features within this release.

Thanks

Ram Lan
6th April 2021