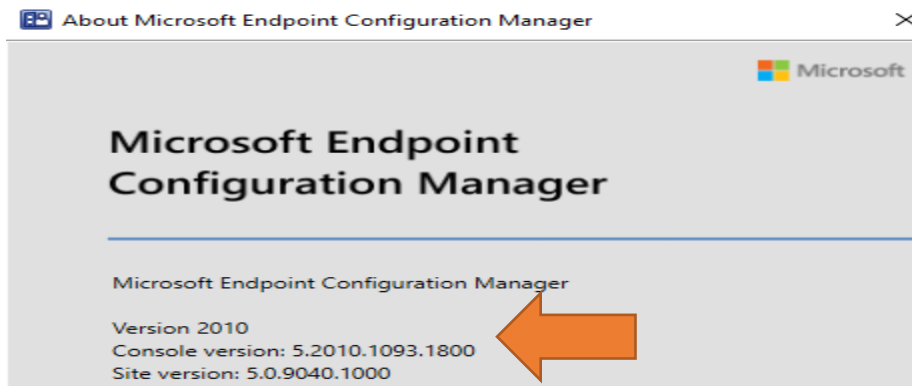


How to upgrade Current Branch 2010 to Current Branch 2103

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.

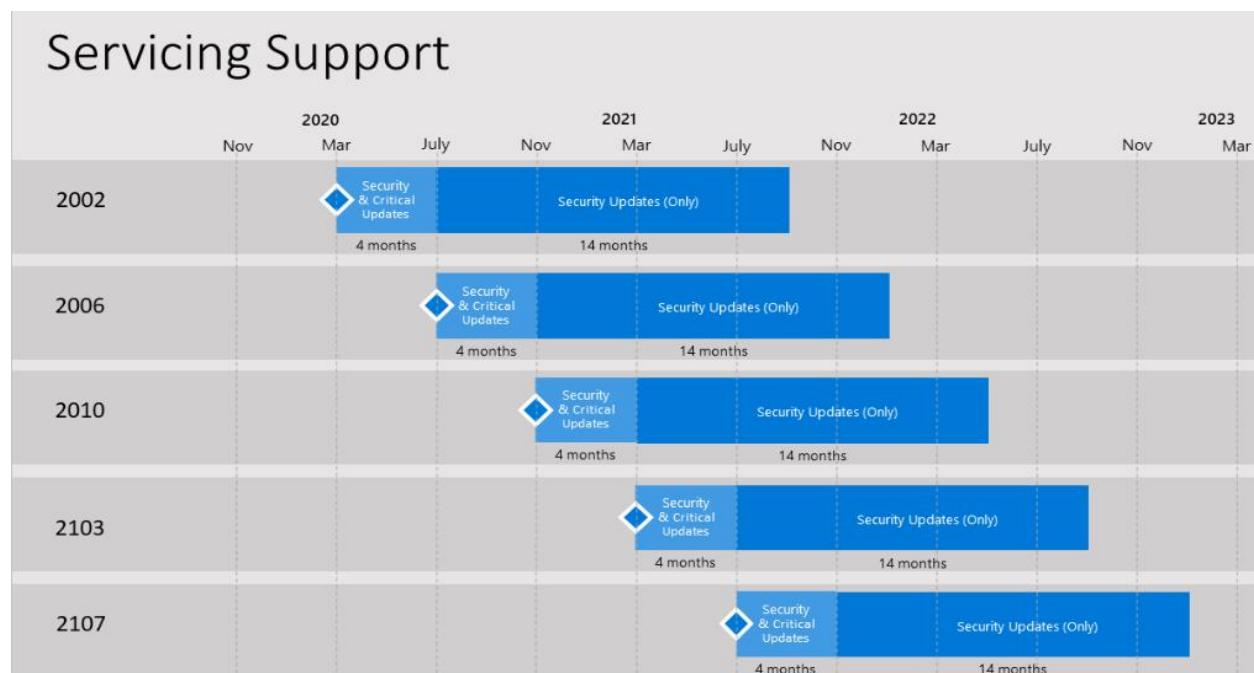
More about this release here - <https://techcommunity.microsoft.com/t5/configuration-manager-blog/update-2103-for-microsoft-endpoint-configuration-manager-current/ba-p/2251517>

<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:



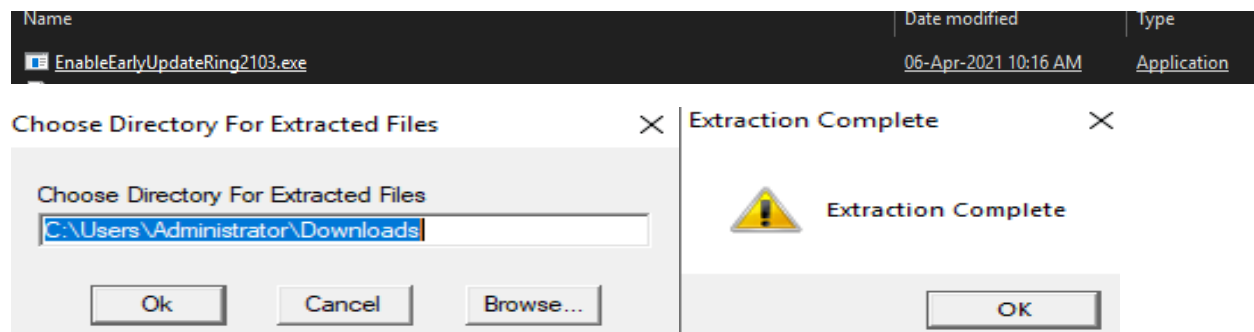
Early Update Ring

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:

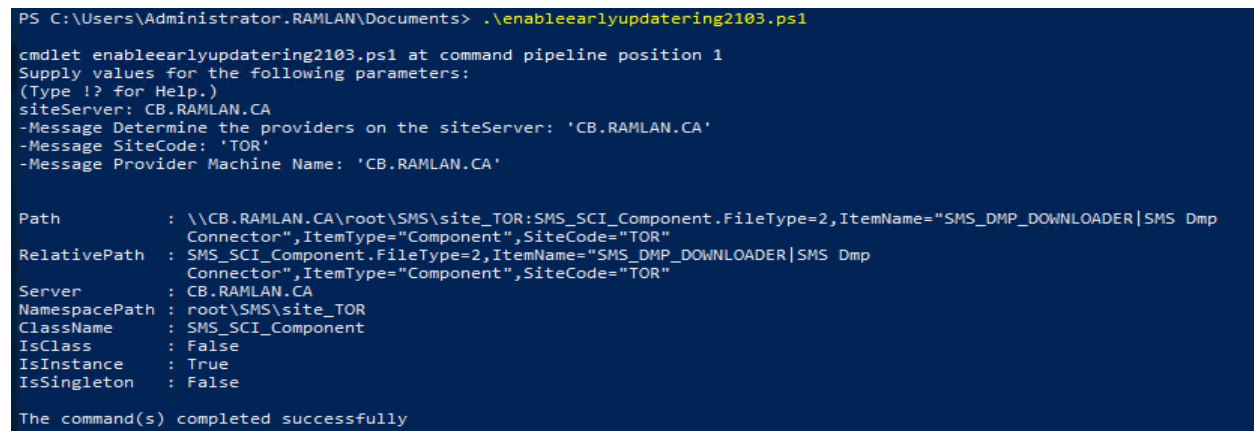
<https://go.microsoft.com/fwlink/?linkid=2099733> – Early Ring Update Script



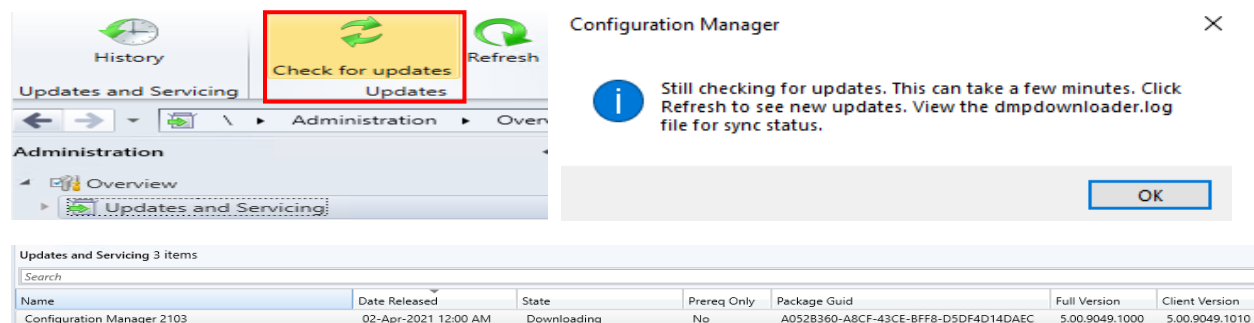
Copy this file to Config Manager Server



Open PowerShell as Admin



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
 Install Update Pack
 Run prerequisite check
 Retry installation
 Ignore prerequisite warnings
 Promote Pre-production Client
 Report update error to Microsoft
 Download
 Download

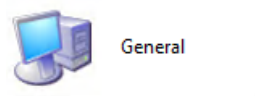
ew > Updates and Servicing >

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 X



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](#)



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



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



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:

[Learn more](#)

- < Previous
- Next >
- Summary
- Cancel



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



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.

Updates and Servicing 3 items

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

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.

Configuration Manager

Downloading files...

Microsoft Endpoint Configuration Manager Console



Please wait while Windows configures Microsoft Endpoint Configuration Manager Console

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 availabil...	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 Operati
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

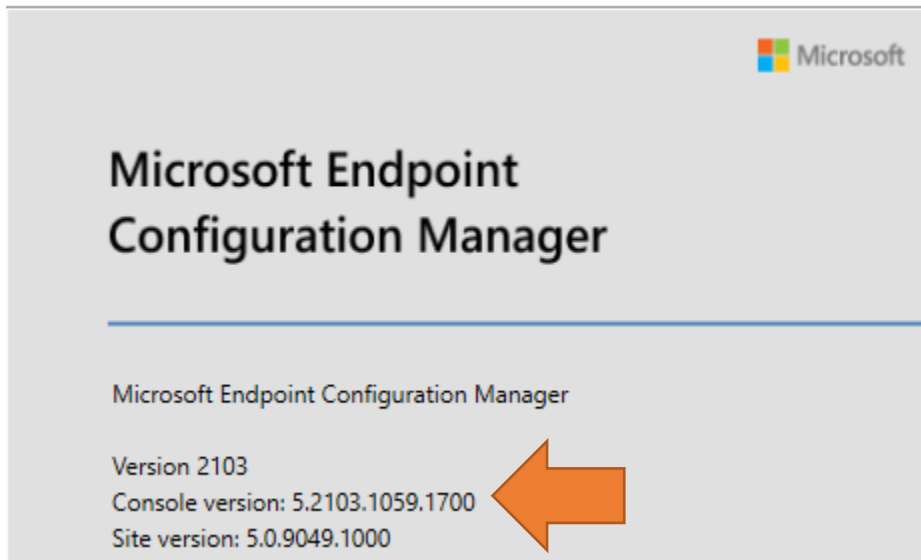
Name	Status	Last Update Time	Description
Installing SMS_EXECUTIVE service	Completed	06-Apr-2021 11:28:54 AM	Installing SMS_EXECU
Installing SMS_DATABASE_NOTIFICATION_MONITO...	Completed	06-Apr-2021 11:28:59 AM	Installing SMS_DATAI
Installing SMS_HIERARCHY_MANAGER component	Completed	06-Apr-2021 11:28:59 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 r
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
Tuning on Features	Completed	06-Apr-2021 11:29:06 AM	Tuning on Features. f

Description:

[Completed]:Installing SMS_EXECUTIVE service on Site Server. Check sitecomp.log for details.

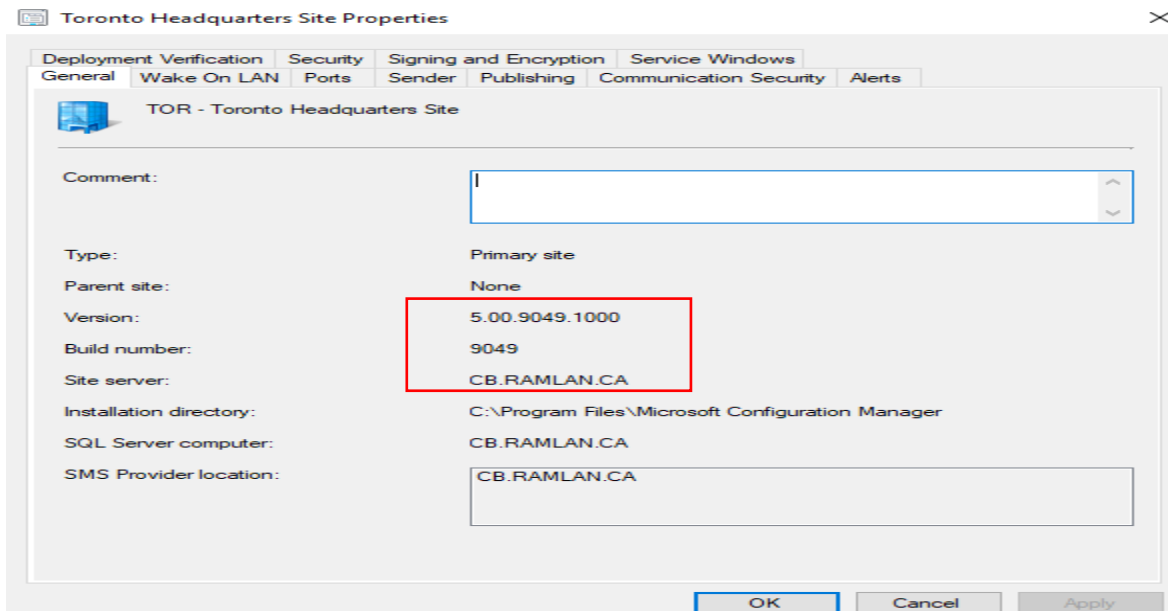
OK

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:

Packages 21 items

Icon	Name	Programs	Manufacturer	Version	Language	Package ID	Readiness
	Battery Check	0				TOR0017F	Not Applicable
	Configuration Manager Client Package	0	Microsoft Corporation			TOR00003	Not Applicable
	Configuration Manager Client Piloting Package	0	Microsoft Corporation			TOR00007	Not Applicable
	Ethernet Check	0				TOR00180	Not Applicable
	GanttProject 2.8.10	1	GanttProject	2.8.10	en	TOR00064	Manual
	kb4571748	1	MS	1.0	EN	TOR0018D	Manual
	LAPS Extension	1	Community	1.0	EN	TOR0003B	Manual
	MDT 8456	0	Microsoft	1.0	English	TOR0001F	Not Applicable
	MDT 8456 Custom Settings	0	Microsoft	1.0	English	TOR00022	Not Applicable
	OSD Team Notification	0	Microsoft	1.0	English	TOR001AF	Not Applicable
	Parallels Mac Client Package (TOR)	0	Parallels	8.1.3.10	English	TOR001A0	Not Applicable
	Start Menu	0				TOR00181	Not Applicable
	Sublime Text 3 Build 3176 (x64)	1	Sublime HQ Pty Ltd		en	TOR00143	Manual
	Sublime Text 3 Build 3176 (x86)	1	Sublime HQ Pty Ltd		en	TOR00147	Manual
	Toast Notification	1				TOR0019D	Manual
	TS Pin	0	Unknown	1.0	English	TOR00199	Not Applicable
	UniqueSCCMBuildInfo	1	MS	1.0	EN	TOR0003A	Manual
	User State Migration	0	MS	10	English	TOR0000A	Not Applicable
	User State Migration Tool for Windows	0	Microsoft Corporation	10.0.19041.1		TOR00001	Unknown
	USMT MDT 8456	0	Microsoft	1.0	English	TOR00021	Not Applicable
	VMMware Tools v11.2.1	1	VMMware	11.2.1	ENL	TOR001C0	Manual

Configuration Manager Client Package

Package Properties

Package ID: TOR00003
 Name: Configuration Manager Client Package
 Manufacturer: Microsoft Corporation
 Version:
 Language:

Content Status

1 Targeted (Last Update: 06-Apr-2021 11:30 AM)

■ Success: 1
■ In Progress: 0
■ Failed: 0
■ Unknown: 0

Now time to check site hierarch settings for client upgrade

Hierarchy Settings Properties

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

Configure settings that control how clients automatically upgrade.

Production client version: 5.00.9049.1010
 Last modified: 06-Apr-2021 11:27:50 AM

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

Automatically upgrade clients within days: 1

Pre-production client version: 5.00.9049.1010
 Last modified: 06-Apr-2021 11:27:31 AM

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.

Exclude specified clients from upgrade

Exclusion collection: Browse...

These clients will not be upgraded via any method such as automatic upgrade or software update-based upgrade.

Client deployment status can be monitored in console and using reports.

Applied to Windows operating systems only. You can download clients for additional operating systems from the [Microsoft Download Center](#).

Automatically distribute client installation package to distribution points that are enabled for prestaged content

OK Cancel Apply

Update Boot Images:

Update Distribution Points Wizard

General

General
Summary
Progress
Completion

Update distribution points with this boot image

This wizard updates distribution points with the selected boot image by using the latest Configuration Manager production client components. You can also choose to reload the boot image with the latest version of Windows PE located in the installation directory of the Windows Assessment and Deployment Kit (ADK).

The content of this boot image package will be updated on the Distribution Points where it was previously distributed.

Current Windows ADK version: 10.0.19041.0. Current production client version: 5.00.9049.1010.

Reload this boot image with the current Windows PE version from the Windows ADK

Boot Image: "Boot image (x64)"

Version	Comment	OS Version	Client Version	Package ID
10.0.19041.1	This boot image is create...	10.0.19041.1	5.00.9040.1044	TOR00005

< Previous **Next >** Summary Cancel

Update Distribution Points Wizard

Summary

General
Summary
Progress
Completion

Details:

Update boot image:

- Microsoft Windows PE (x64)

Update actions:

- Add ConfigMgr binaries using Production Client version 5.00.9049.1010
- Add custom background
- Set scratch space
- Disable Windows PE command line support
- Add drivers

Boot image will include these drivers after update:

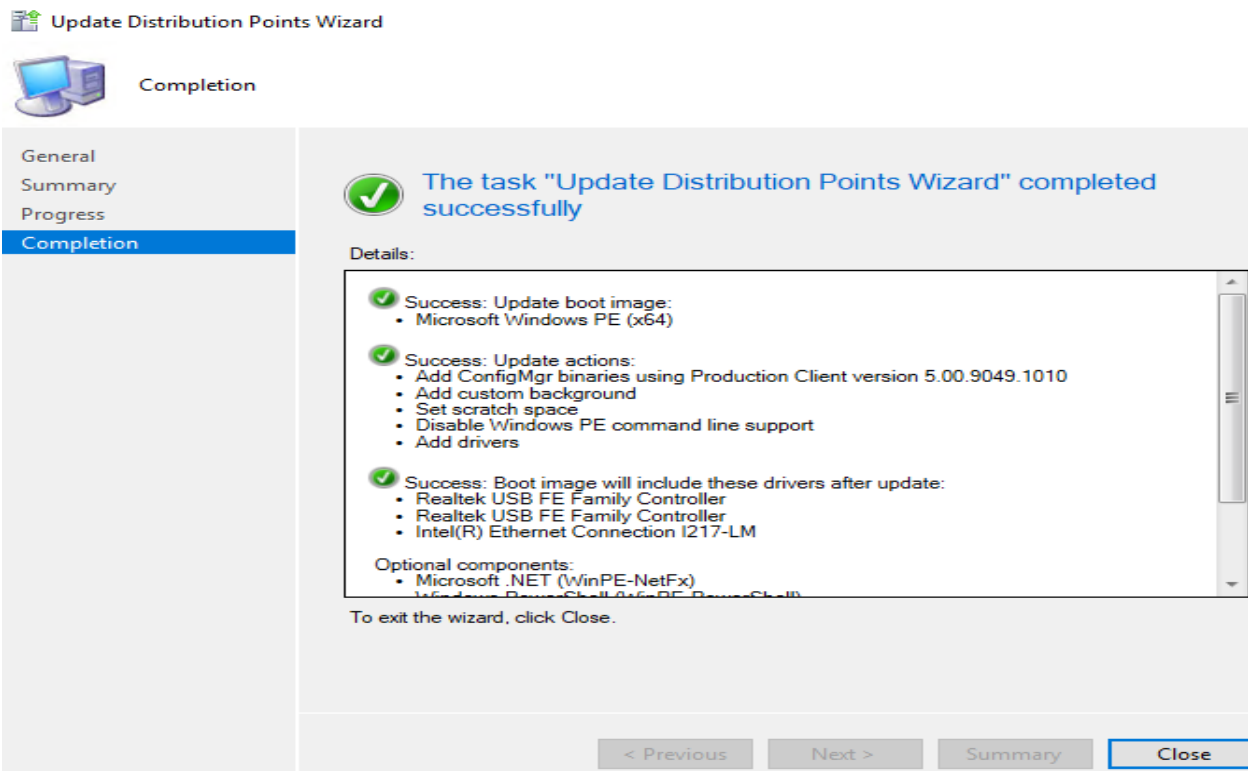
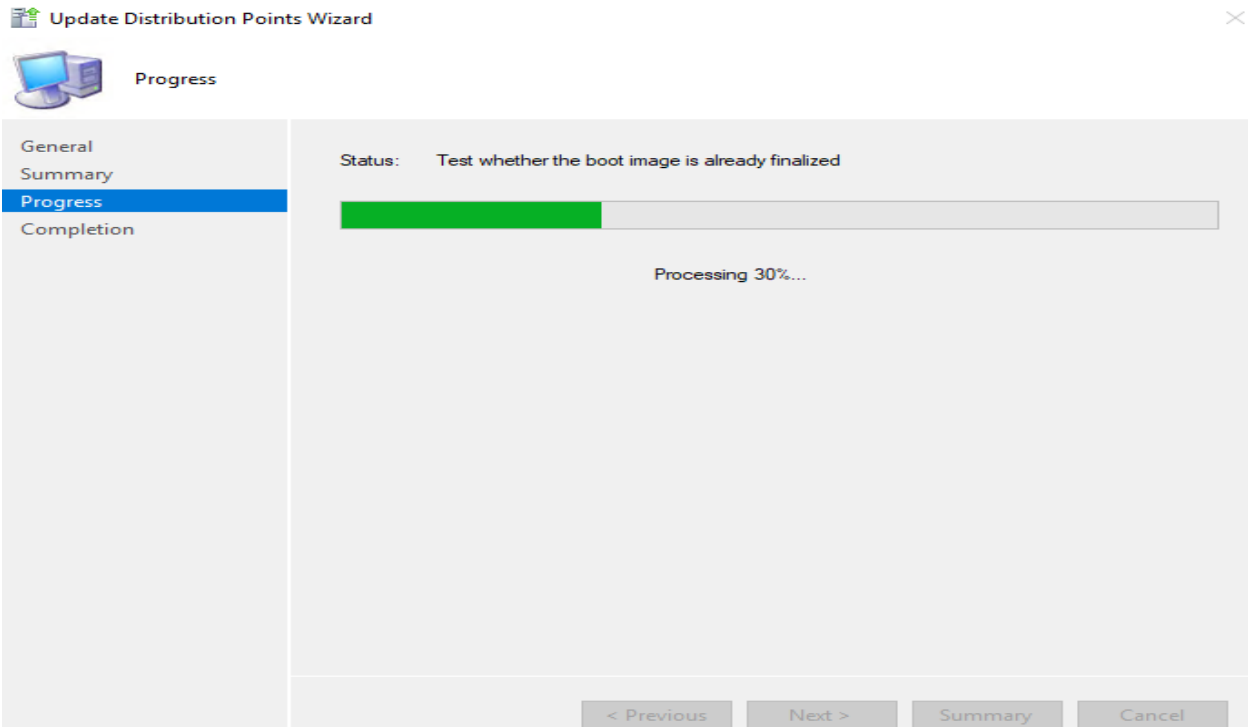
- Realtek USB FE Family Controller
- Realtek USB FE Family Controller
- Intel(R) Ethernet Connection I217-LM

Optional components:

- Microsoft .NET (WinPE-NetFx)
- Windows PowerShell (WinPE-PowerShell)
- Scripting (WinPE-Scripting)
- Startup (WinPE-SecureStartup)
- Network (WinPE-WDS-Tools)
- Scripting (WinPE-WMI)

To perform the actions, click Next.

< Previous **Next >** Summary Cancel



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

Thanks

Ram Lan
6th April 2021