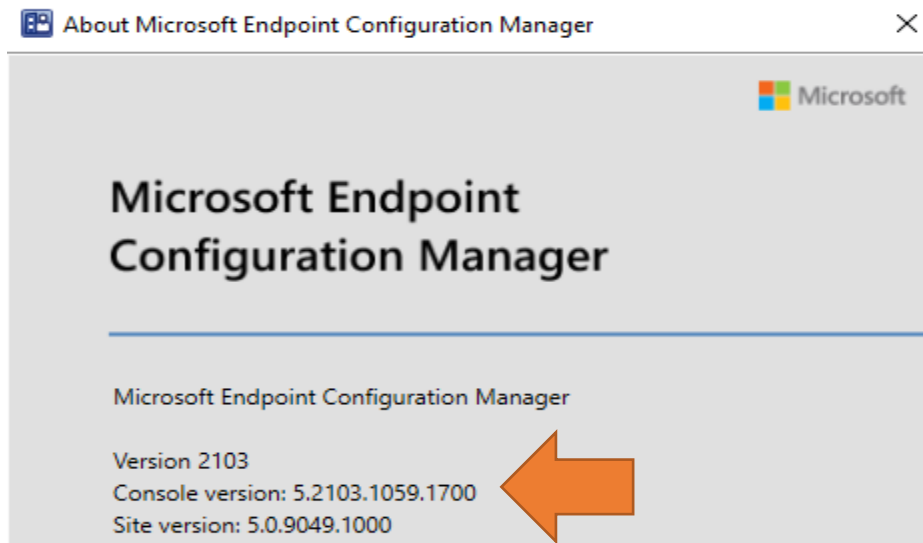


# How to upgrade Current Branch 2103 to Current Branch 2107

I am currently running CB2103. In this post, we will install CB2107 released this month.



Below are few links for CB2107

<https://docs.microsoft.com/en-us/mem/configmgr/core/plan-design/changes/whats-new-in-version-2107>

<https://techcommunity.microsoft.com/t5/configuration-manager-blog/update-2107-for-microsoft-endpoint-configuration-manager-current/ba-p/2596409>

Microsoft has released a [second SCCM version](#) for 2021. SCCM 2107 has been released on August 2nd, 2021. Don't forget SCCM has had a new branding since 1910 – now called [Microsoft Endpoint Configuration Manager \(MEMCM\)](#). This post is a complete step-by-step SCCM 2107 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.

SCCM 2107 is not a [baseline version](#). This means that if you're downloading the source from Volume Licensing, SCCM 2103 will be the starting version of your new SCCM site and you'll have to apply this update afterward.

At the time of this writing, SCCM 2107 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.

To install SCCM 2107 as an update, you must have installed [SCCM 1910](#) or later. If you check for updates in your console and it's not showing up, continue reading, we'll describe how to get it using the "Fast Ring" script.

Keeping your infrastructure up to date is essential and recommended. You will benefit from the new features and fixes, which some of them can apply to your environment. It's easier than ever to upgrade since Microsoft has implemented the servicing model directly from the console.

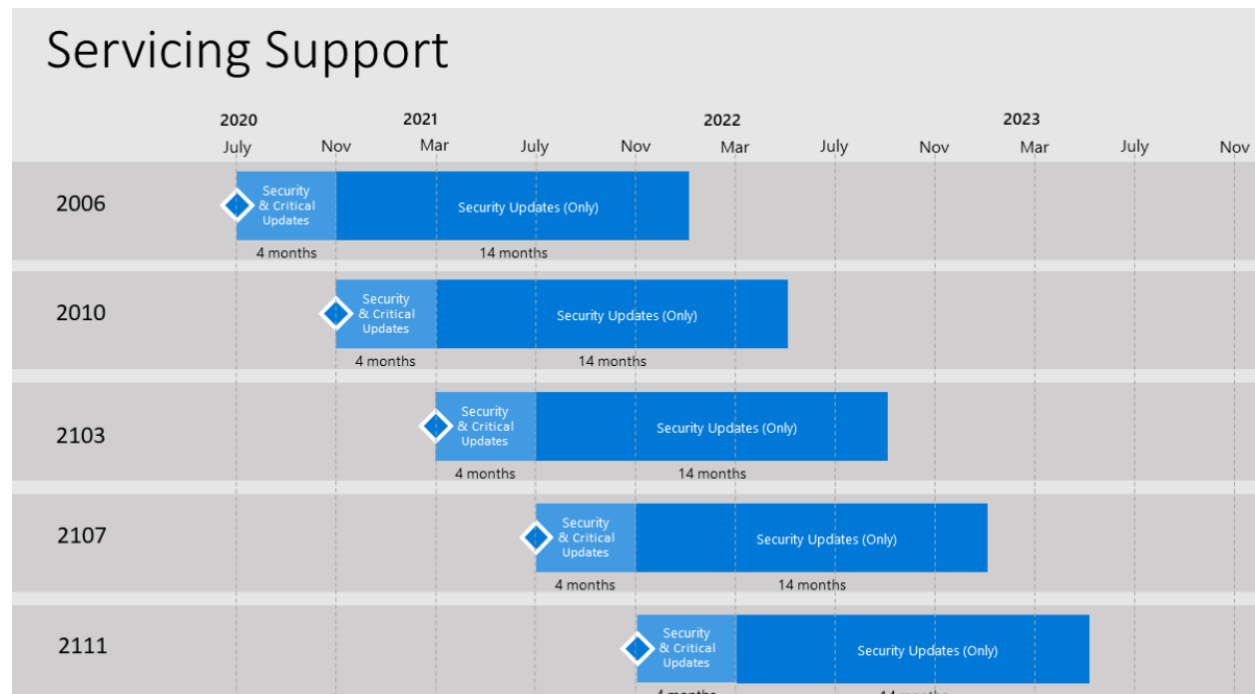
## WINDOWS AND SQL SUPPORT

Before installing, make sure that you are running a supported [Operating System](#) and [SQL version](#). Older SCCM version was giving a warning during the Prerequisite check but 2107 is giving an error that prevents the installation from continuing.

SCCM 2107 supports only Windows 2012+ and SQL 2012 SP3+.

The support lifecycle for SQL Server 2012 ends on July 12, 2022. Plan to upgrade database servers in your environment, including SQL Server Express at secondary sites.

## Configuration Manager Support Index:



### Early Update Ring

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

You can download the early ring script from above link – extract and copy the file to Config Manager Server

enableearlyupdatering2103.ps1 24-Mar-2021 11:16 PM Windows PowerShell Script

### Open PowerShell as Admin

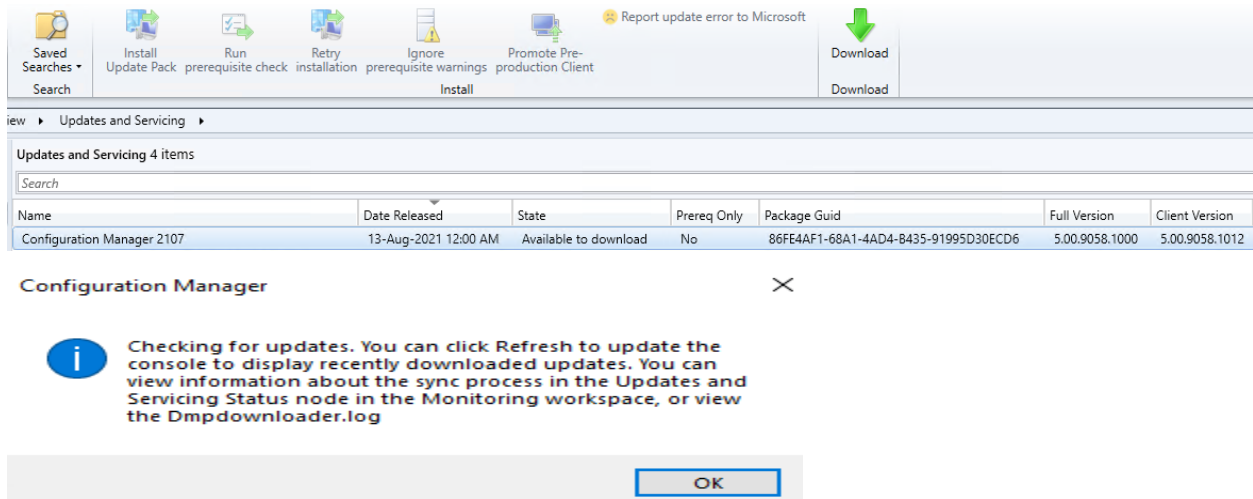
```
PS C:\Users\Administrator.RAMLAN\Downloads> .\enableearlyupdatering2107.ps1

cmdlet enableearlyupdatering2107.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'

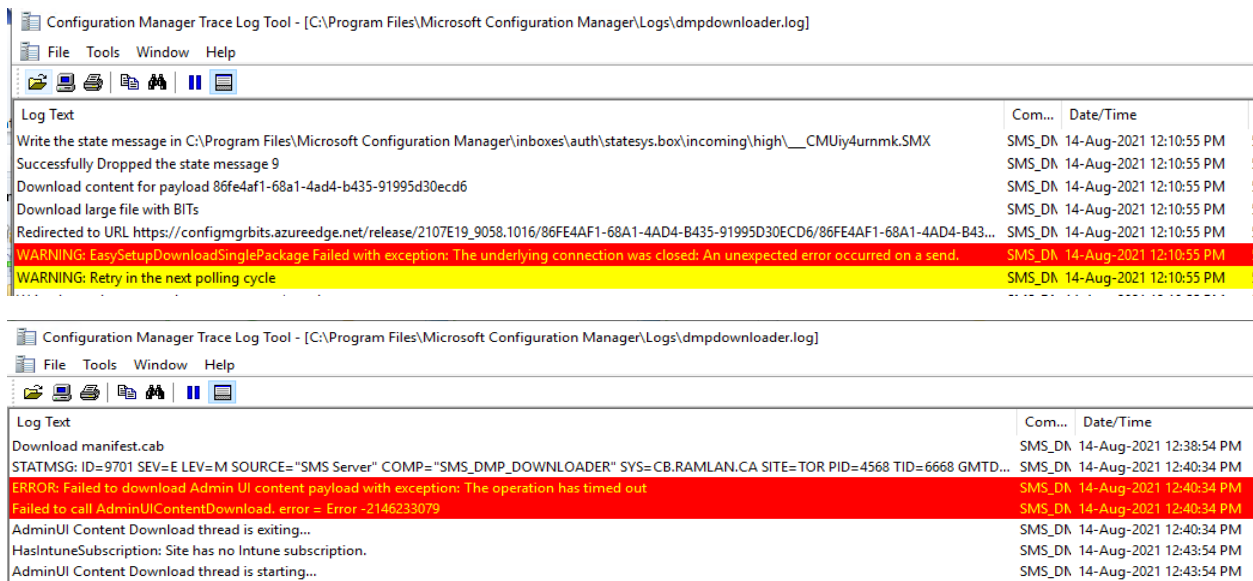
Path           : \\CB.RAMLAN.CA\root\SMS\site_TOR\SMS_SCI_Component.FileType=2,ItemName="SMS_DMP_DOWNLOADER|SMS Dmp
                 Connector",ItemType="Component",SiteCode="TOR"
RelativePath   : SMS_SCI_Component.FileType=2,ItemName="SMS_DMP_DOWNLOADER|SMS Dmp
                 Connector",ItemType="Component",SiteCode="TOR"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

The command(s) completed successfully

PS C:\Users\Administrator.RAMLAN\Downloads>
```

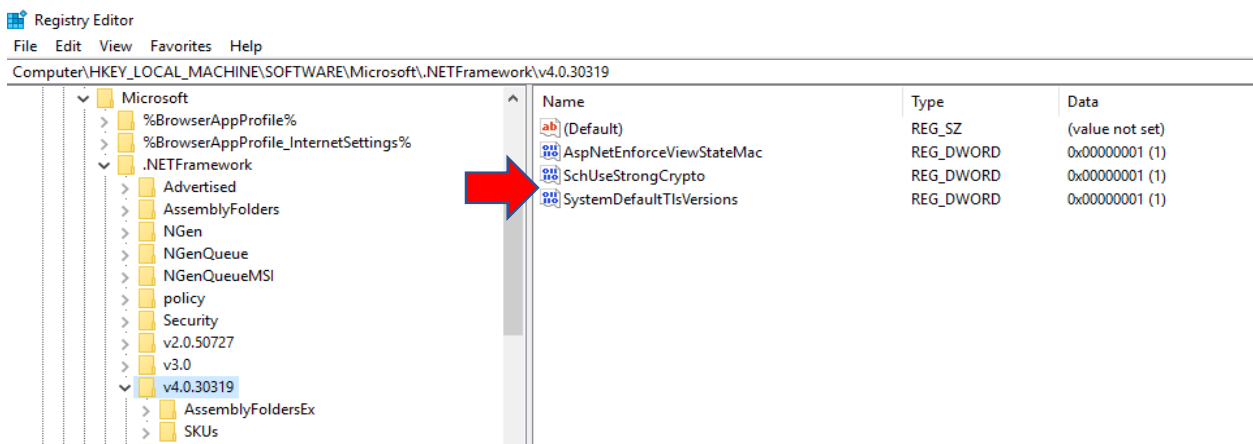


When, I tried to download the update it was not working. These were the errors, I was getting in dmpdownloader.log

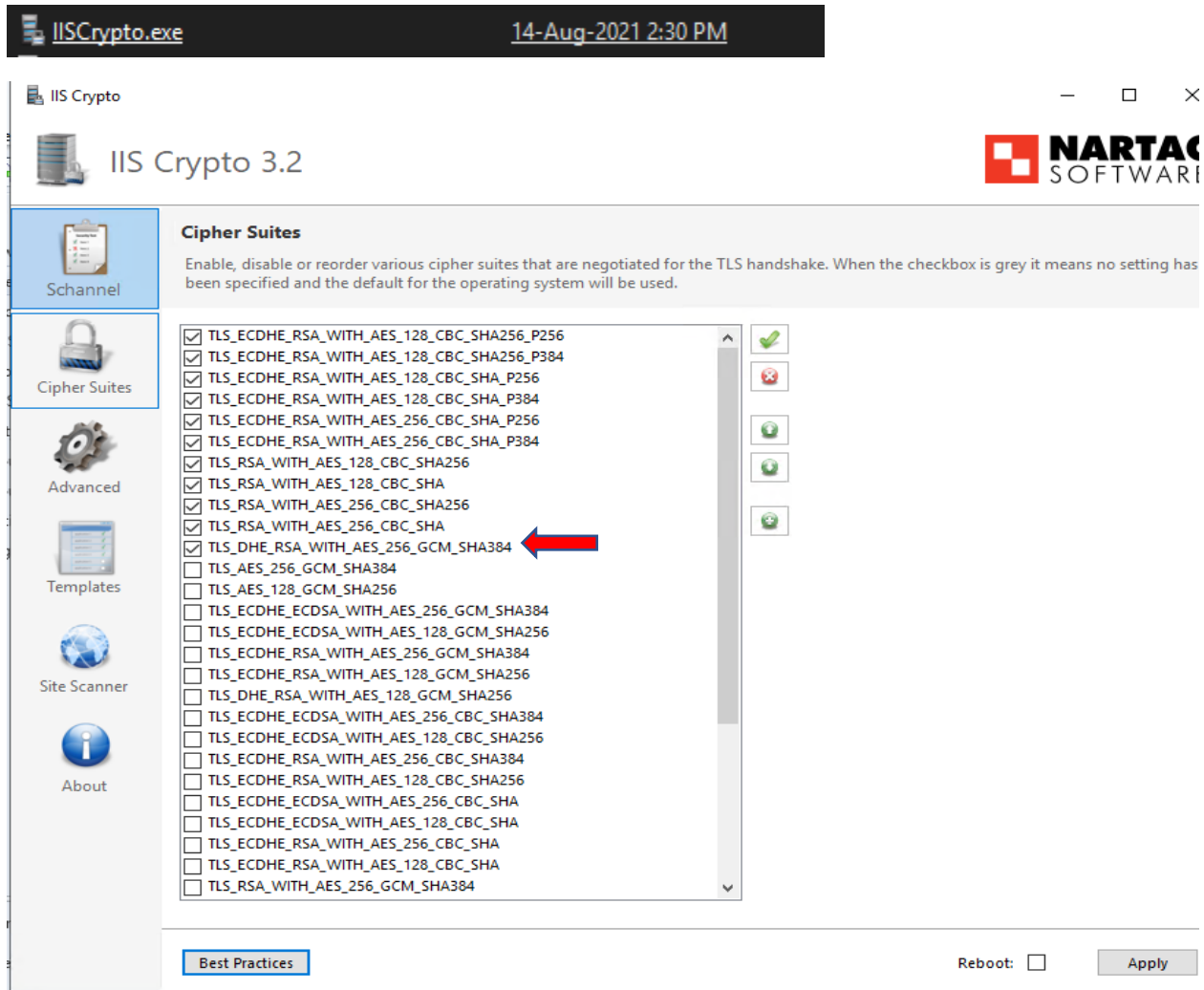


Started to do some research and was able to fix the issue with these solutions

## Registry Entry – Added these 2 entries



Download IIS Crypto, Run and Check this box



Download this file

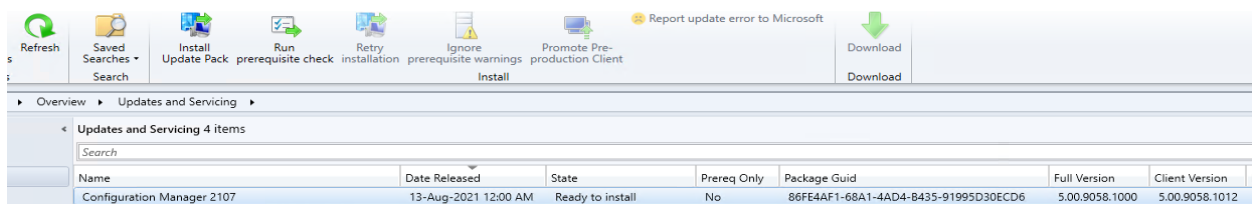
<https://configmgrbits.azureedge.net/adminuicontent/ConfigMgr.AdminUIContent.cab>

Copy to this folder - C:\Program Files\Microsoft Configuration Manager\AdminUIContentPayload and rename it as **ConfigMgr.AdminUIContent.auc**

You can check this link for more info - <https://docs.microsoft.com/en-us/troubleshoot/mem/configmgr/service-connection-tool-not-download-updates>

[https://www.reddit.com/r/SCCM/comments/nq21g9/error\\_failed\\_to\\_download\\_admin\\_ui\\_content\\_payload/](https://www.reddit.com/r/SCCM/comments/nq21g9/error_failed_to_download_admin_ui_content_payload/)

After that, I restarted the server and, I was able start the install.





## General

## General

## Features

## Client update options

## License Terms

## Summary

## Progress

## Completion

## Configuration Manager 2107

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](#)

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Summary

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## Features

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## 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.

- ☒ Device Health Attestation assessment for compliance policies for conditional access
- ☒ Windows Defender Exploit Guard policy
- ☒ Remove Central Administration Site
- ☒ Cloud management gateway with Azure VM scale set
- ☒ Community hub
- ☒ Windows Hello for Business
- ☒ PFX Create
- ☒ Approve application requests for users per device
- ☒ VPN for Windows 10
- ☒ BitLocker Management

## Description:

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## Client update options

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## 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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## License Terms

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## 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-Jan-2022 

[Learn more](#)

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## Summary

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## Confirm the settings

Details:

**Summary of update package installation**

Install Update Package Configuration Manager 2107  
Prerequisite warnings will be ignored  
Test new version of the client in production  
Software Assurance expiration date is 2022-01-01.

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

&lt; Previous

Next &gt;

Summary

Cancel



## Completion

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**The task "Configuration Manager Updates Wizard" completed successfully**

Details:

**Summary of update package installation**

✓ Success: Install Update Package Configuration Manager 2107  
Prerequisite warnings will be ignored  
Test new version of the client in production  
Software Assurance expiration date is 2022-01-01.

To exit the wizard, click Close.

&lt; Previous

Next &gt;

Summary

Close

Overview > Updates and Servicing >							
< Updates and Servicing 4 items							
Search							
Name	Date Released	State	Prereq Only	Package Guid	Full Version	Client Version	
Configuration Manager 2107	13-Aug-2021 12:00 AM	Installing	No	86FE4AF1-68A1-4AD4-B435-91995D30ECD6	5.00.9058.1000	5.00.9058.1012	

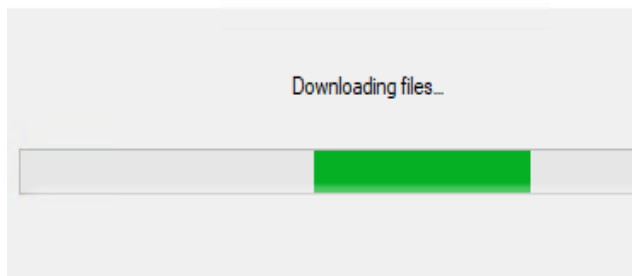
Overview > Updates and Servicing >							
< Updates and Servicing 1 items							
Search							
Name	Date Released	State	Prereq Only	Package Guid	Full Version	Client Version	
Configuration Manager 2107	13-Aug-2021 12:00 AM	Installing	No	86FE4AF1-68A1-4AD4-B435-91995D30ECD6	5.00.9058.1000	5.00.9058.1012	

**!** A new version of the console is available (5.2107.1059.2300). Working in the old console (5.2103.1059.3100) might corrupt data.

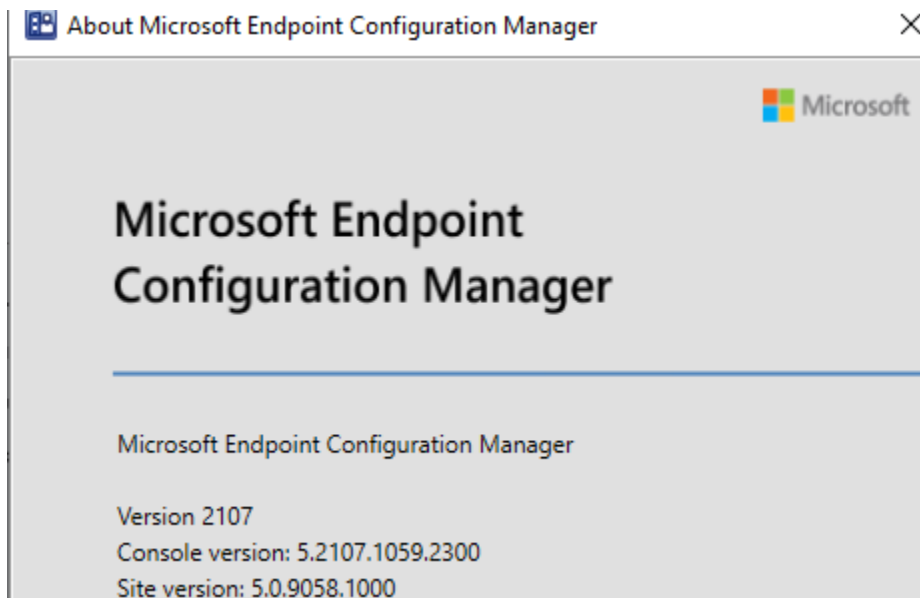
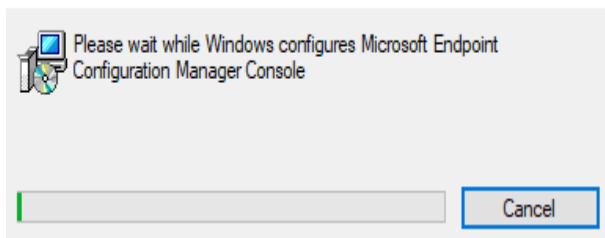
Overview > Updates and Servicing >								
< Updates and Servicing 1 items								
Search								
Name	Date Released	State	Prereq Only	Ignore Prereq Warning	Full Version	Client Version	Last Update Time	Description
Configuration Manager 2107	13-Aug-2021 12:00 AM	Installed	No	Yes	5.00.9058.1000	5.00.9058.1012	14-Aug-2021 3:27 PM	New update for Configuration Ma...

Open the SCCM update log **SCCMInstallationDirectory\Logs\CMUpdate.log**

Configuration Manager



Microsoft Endpoint Configuration Manager Console





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: 5.00.9058.1012  
Last modified: 14-Aug-2021 3:39:10 PM

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

Automatically upgrade clients within days:

1

Pre-production client version: 5.00.9058.1012  
Last modified: 14-Aug-2021 3:38:49 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.

- ☐ Exclude specified clients from upgrade

Exclusion collection :

Browse...

These clients will not be upgraded by automatic upgrade or software-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

Deployment Verification	Security	Signing and Encryption	Service Windows			
General	Wake On LAN	Ports	Sender	Publishing	Communication Security	Alerts

 TOR - Toronto Headquarters Site

---

Comment:

Type: Primary site

Parent site: None

Version: 5.00.9058.1000

Build number: 9058

Site server: CB.RAMLAN.CA

Installation directory: C:\Program Files\Microsoft Configuration Manager

SQL Server computer: CB.RAMLAN.CA




SMS Provider location:

OK Cancel Apply

Overview ▶ Application Management ▶ Packages ▶

◀ Packages 21 items

Search

Icon	Name	Programs	Manufacturer	Version	Language	Package ID	Readiness
	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

## 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: 14-Aug-2021 3:39 PM)

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

Overview > Operating Systems > Boot Images

Boot Images 3 items

Search

Icon	Name	Version	Comment	Image ID	OS Version	Client Version
	Boot image (x64)	10.0.19041.1	This boot ima...	TOR00005	10.0.19041.1	5.00.9049.1035
	Boot image (x86)	10.0.19041.1	This boot ima...	TOR00002	10.0.19041.1	5.00.9049.1035
	MDT 8456 Boot Capture x64	1.0	This boot ima...	TOR0001E	10.0.19041.1	5.00.8968.1012

Boot image (x64)

Summary

Comment: This boot image is created during setup.


Architecture: X64

Version: 10.0.19041.1

Language: Invariant Language (Invariant Country)

Client Version: 5.00.9049.1035

Content Status



1 Targeted (Last Update: 14-Aug-2021 3:32 PM)

Success: 1

In Progress: 0

Failed: 0

Unknown: 0

## SQL Query:

select

SMS\_R\_SYSTEM.ResourceID,SMS\_R\_SYSTEM.ResourceType,SMS\_R\_SYSTEM.Name,SMS\_R\_SYSTEM.SMS  
UniqueIdentifier,SMS\_R\_SYSTEM.ResourceDomainORWorkgroup,SMS\_R\_SYSTEM.Client from  
SMS\_R\_System where SMS\_R\_System.ClientVersion != '5.00.9058.1008'

This concludes the update process from CB2013 to CB2107.

Thanks

Ram Lan

15<sup>th</sup> Aug 2021