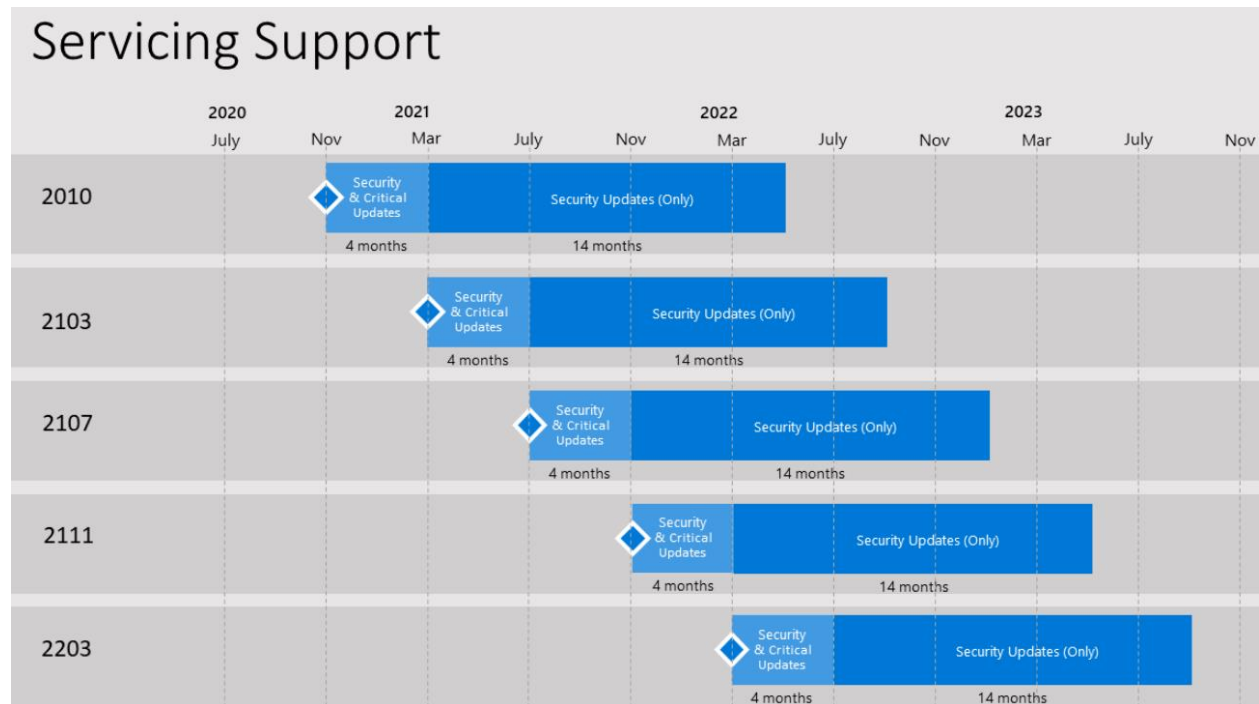
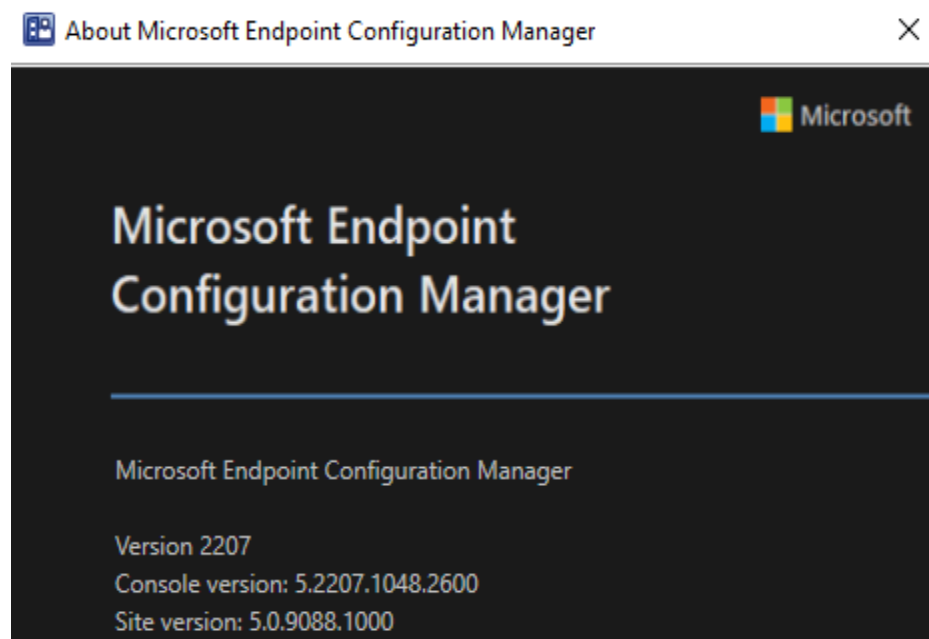


# How to upgrade Microsoft Endpoint Configuration Manager to 2211 (CB2211)

In this post, I am going to upgrade CB2207 to CB2211 - home lab.



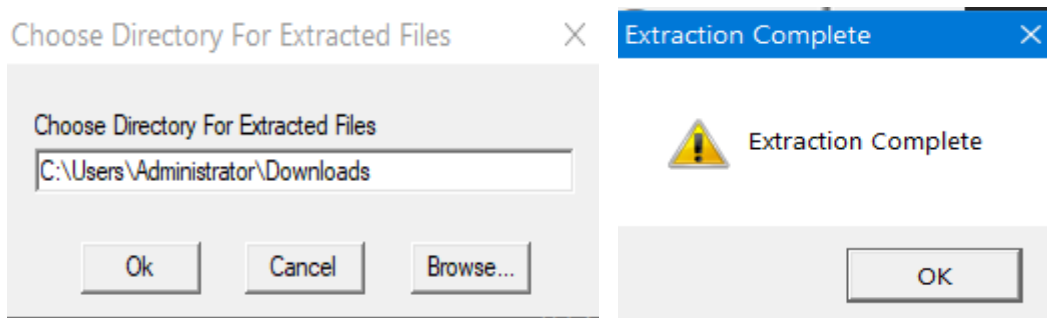
If you're running a multi-tier hierarchy, start at the top-level site in the hierarchy. After the CAS upgrade, you can begin the upgrade of each child site. Complete the upgrade of each site before you begin to upgrade to the next site. Until all sites in your hierarchy are upgraded, your hierarchy operates in a [mixed version mode](#).

The steps are as follows:

Check this link for more info about CB2211 - <https://learn.microsoft.com/en-us/mem/configmgr/core/plan-design/changes/whats-new-in-version-2211>

1. Download Fast Early Ring script -  
<https://nam06.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdownload.microsoft.com%2Fdownload%2Ffe%2F6%2Fa%2Ffe6abb397-86a3-4033-b6b2-b246ec37c9ec%2FEnableEarlyUpdateRing2211.exe&data=05%7C01%7Cbaladell%40microsoft.com%7C432ab6b1a13549c082b108dad4c877d7%7C72f988bf86f141af91ab2d7cd011db47%7C0%7C0%7C638056254976417564%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6Ikl1haWwiLCJXVCi6Mn0%3D%7C3000%7C%7C%7C&sdata=BsAHhVt7OGZ2bRvhZFKe4ViTmBSsg55IxXpXNXo%2BmHw%3D&reserved=0>

2. Extract and run PowerShell Command



- 3.
4. Copy the script to the server and run as admin

```
PS C:\temp> .\enableearlyupdatering2211.ps1

cmdlet enableearlyupdatering2211.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
```

- 5.
6. Now wait for the update to show up in the console

Updates and Servicing 3 items							
Search							
AND Path <Current Node + Subfolders>							
Name	Date Released	State	Prereq Only	Ignore Prereq Warning	Full Version	Client Version	Last Update Time
Configuration Manager 2211	25-Nov-2022 12:00 AM	Available to download	No	No	5.00.9096.1000	5.00.9096.1000	07-Dec-2022 6:57 PM

- 7.

Updates and Servicing 3 items

Search

AND Path <Current Node + Subfolders>

Name	Date Released	State
Configuration Manager 2211	25-Nov-2022 12:00 AM	Available
Configuration Manager 2207 Hotfix Rollup		
Configuration Manager 2207		

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

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

Updates and Servicing 3 items

Search

AND Path <Current Node + Subfolders>

Name	Date Released	State	Prereq Only	Ignore Prereq Warning	Full Version	Client Version	Last Update Time
Configuration Manager 2211	25-Nov-2022 12:00 AM	Downloading	No	No	5.00.9096.1000	5.00.9096.1000	07-Dec-2022 6:58 PM

Updates and Servicing 3 items

Search

AND Path <Current Node + Subfolders>

Name	Date Released	State	Prereq Only	Ignore Prereq Warning	Full Version	Client Version	Last Update Time
Configuration Manager 2211	25-Nov-2022 12:00 AM	Ready to install	No	No	5.00.9096.1000	5.00.9096.1000	07-Dec-2022 7:04 PM

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

ew > Updates and Servicing >

Updates and Servicing 3 items

Search

AND Path <Current Node + Subfolders>

Name	Date Released	State	Prereq Only	Ignore Prereq Warning	Full Version	Client Version	Last Update Time
Configuration Manager 2211	25-Nov-2022 12:00 AM	Ready to install	No	No	5.00.9096.1000	5.00.9096.1000	07-Dec-2022 7:04 PM



General



General

Features

Client update options

License Terms

Summary

Progress

Completion

### Configuration Manager 2211

This wizard helps you configure and install this update.

[Learn more about updates for Configuration Manager.](#)

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.

- 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
- Task Sequence Debugger
- Community hub
- Windows Hello for Business
- Application Groups
- PFX Create
- Approve application requests for users per device

Description:

< Previous

Next >

Summary

Cancel



- 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



- 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 Microsoft Endpoint Configuration Manager License Terms](#)

[View the Microsoft Connected Cache License Terms](#)

[View the Microsoft Edge WebView2 Runtime 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 about licensing and Software Assurance](#)

< 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 2211  
Prerequisite warnings will be ignored  
Test new version of the client in production  
Software Assurance expiration date is 2023-08-01.

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 task "Configuration Manager Updates Wizard" completed successfully**

Details:

**Summary of update package installation**  
 Success: Install Update Package Configuration Manager 2211  
Prerequisite warnings will be ignored  
Test new version of the client in production  
Software Assurance expiration date is 2023-08-01.

To exit the wizard, click Close.

< Previous   Next >   Summary   **Close**

Updates and Servicing 3 items							
Search							
AND Path <Current Node + Subfolders>							
Name	Date Released	State	Prereq Only	Ignore Prereq Warning	Full Version	Client Version	Last Update Time
Configuration Manager 2211	25-Nov-2022 12:00 AM	Installing	No	Yes	5.00.9096.1000	5.00.9096.1000	07-Dec-2022 7:09 PM

Updates and Servicing 3 items							
Search							
AND Path <Current Node + Subfolders>							
Name	Date Released	State	Prereq Only	Ignore Prereq Warning	Full Version	Client Version	Last Update Time
Configuration Manager 2211	25-Nov-2022 12:00 AM	Prerequisite check passed with warnings	No	Yes	5.00.9096.1000	5.00.9096.1000	07-Dec-2022 7:15 PM

I had few Pre check warnings. I have ignored those warnings because it is home lab. All can be fixed by following the link provided by MS.

Update Pack Installation Status ✕

Detailed status for the Configuration Manager 2211 installation on the site TOR: Refresh

[View Post-Setup Configuration tasks](#)

Name	Status	Last Update Time
Download	Completed	07-Dec-2022 7:05:24 PM
Replication	Completed	07-Dec-2022 7:14:20 PM
Prerequisite Check	Completed with ...	07-Dec-2022 7:15:39 PM
Installation	In progress	07-Dec-2022 7:15:50 PM
Post Installation	Not started	

Name	Status	Last Update Time
Network Access Account (NAA) account usage alert	Completed with ...	07-Dec-2022 7:15:25 PM
Microsoft Store for Business support has been deprecated.	Completed	07-Dec-2022 7:15:39 PM
Desktop Analytics is being retired	Completed	07-Dec-2022 7:15:38 PM
Co-Management workload slider for resource access policies towards Configuratio...	Completed with ...	07-Dec-2022 7:15:36 PM
Administrative rights on site system	Completed	07-Dec-2022 7:15:22 PM
Administrative rights on central administration site	Completed	07-Dec-2022 7:15:22 PM
Connection to SQL Server on central administration site	Completed	07-Dec-2022 7:15:22 PM
Check Server Service is running	Completed	07-Dec-2022 7:15:22 PM
Domain membership	Completed	07-Dec-2022 7:15:22 PM
Active Directory Domain Functional Level Check	Completed	07-Dec-2022 7:15:23 PM
Free disk space on site server	Completed	07-Dec-2022 7:15:23 PM
Pending system restart	Completed	07-Dec-2022 7:15:23 PM
Read-Only Domain Controller	Completed	07-Dec-2022 7:15:23 PM
Site Server FQDN Length	Completed	07-Dec-2022 7:15:23 PM
Windows Server 2003-based schannel hotfix	Completed	07-Dec-2022 7:15:23 PM
Microsoft Remote Differential Compression (RDC) library registered	Completed	07-Dec-2022 7:15:23 PM
Microsoft Windows Installer	Completed	07-Dec-2022 7:15:23 PM

Description:

[Completed with warning]: The site server configured with HTTPS/Enhanced HTTP, does not require network access account. Please verify the minimum appropriate permission of this account(s) and remove the account(s) which has higher privileges. We recommend you remove the configured network access account(s) which are not leveraged. For more information about your network access account required permissions, see <https://go.microsoft.com/fwlink/?linkid=2210348>.

OK Cancel

Update Pack Installation Status



Detailed status for the Configuration Manager 2211 installation on the site TOR:

Refresh

[View Post-Setup Configuration tasks](#)

Name	Status	Last Update Time
Download	Completed	07-Dec-2022 7:05:24 PM
Replication	Completed	07-Dec-2022 7:14:20 PM
Prerequisite Check	Completed with ...	07-Dec-2022 7:15:39 PM
Installation	In progress	07-Dec-2022 7:15:50 PM
Post Installation	Not started	

Name	Status	Last Update Time
Network Access Account (NAA) account usage alert	Completed with ...	07-Dec-2022 7:15:25 PM
Microsoft Store for Business support has been deprecated.	Completed	07-Dec-2022 7:15:39 PM
Desktop Analytics is being retired	Completed	07-Dec-2022 7:15:38 PM
Co-Management workload slider for resource access policies towards Configuratio...	Completed with ...	07-Dec-2022 7:15:36 PM
Administrative rights on site system	Completed	07-Dec-2022 7:15:22 PM
Administrative rights on central administration site	Completed	07-Dec-2022 7:15:22 PM
Connection to SQL Server on central administration site	Completed	07-Dec-2022 7:15:22 PM
Check Server Service is running	Completed	07-Dec-2022 7:15:22 PM
Domain membership	Completed	07-Dec-2022 7:15:22 PM
Active Directory Domain Functional Level Check	Completed	07-Dec-2022 7:15:23 PM
Free disk space on site server	Completed	07-Dec-2022 7:15:23 PM
Pending system restart	Completed	07-Dec-2022 7:15:23 PM
Read-Only Domain Controller	Completed	07-Dec-2022 7:15:23 PM
Site Server FQDN Length	Completed	07-Dec-2022 7:15:23 PM
Windows Server 2003-based schannel hotfix	Completed	07-Dec-2022 7:15:23 PM
Microsoft Remote Differential Compression (RDC) library registered	Completed	07-Dec-2022 7:15:23 PM
Microsoft Windows Installer	Completed	07-Dec-2022 7:15:23 PM

Description:

[Completed with warning]: Slide Co-Management workload slider for resource access policies towards Intune. Remove the certificate registration point site system role and all policies for company resource access features in Configuration Manager. These features are no longer supported as of March 2022 in Configuration Manager. Company resource access includes email, certificate, VPN, Wi-Fi, and Windows Hello for Business profiles. See <https://go.microsoft.com/fwlink/?linkid=2186198> for more details.



OK

Cancel



Update Pack Installation Status



Detailed status for the Configuration Manager 2211 installation on the site TOR:

Refresh

[View Post-Setup Configuration tasks](#)

Name	Status	Last Update Time
Download	Completed	07-Dec-2022 7:05:24 PM
Replication	Completed	07-Dec-2022 7:14:20 PM
Prerequisite Check	Completed with ...	07-Dec-2022 7:15:39 PM
Installation	In progress	07-Dec-2022 7:15:50 PM
Post Installation	Not started	

Name	Status	Last Update Time
Max Text Repl Size for SQL Server Always On availability groups	Completed	07-Dec-2022 7:15:35 PM
Pending configuration item policy updates	Completed	07-Dec-2022 7:15:36 PM
SQL Server Configuration for site upgrade	Completed	07-Dec-2022 7:15:36 PM
SQL Server Native Client version	Completed	07-Dec-2022 7:15:23 PM
Potential SQL server performance issue caused by change tracking retention period	Completed	07-Dec-2022 7:15:36 PM
Check if the site uses hybrid mobile device management (MDM)	Completed	07-Dec-2022 7:15:36 PM
Check if the site uses Upgrade Readiness (UR)	Completed	07-Dec-2022 7:15:36 PM
Check if the site uses Microsoft Operations Management Suite (OMS) Connector	Completed	07-Dec-2022 7:15:36 PM
Check if HTTPS or Enhanced HTTP is enabled for site system roles	Completed with ...	07-Dec-2022 7:15:36 PM
The support lifecycle for SQL Server 2012 ends on July 12, 2022.	Completed	07-Dec-2022 7:15:39 PM
Application catalog roles are unsupported	Completed	07-Dec-2022 7:15:36 PM
Company resource access policies are no longer supported	Completed	07-Dec-2022 7:15:36 PM
Check if the site uses the Asset Intelligence sync point role	Completed with ...	07-Dec-2022 7:15:36 PM
Check for site system roles associated with deprecated or removed features	Completed	07-Dec-2022 7:15:36 PM
Windows Server 2012 and 2012 R2 lifecycle	Completed	07-Dec-2022 7:15:24 PM
Required version of Microsoft .NET Framework	Completed	07-Dec-2022 7:15:23 PM
Recommended version of Microsoft .NET Framework	Completed	07-Dec-2022 7:15:23 PM

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 2211 installation on the site TOR:

Refresh

[View Post-Setup Configuration tasks](#)

Name	Status	Last Update Time
Download	Completed	07-Dec-2022 7:05:24 PM
Replication	Completed	07-Dec-2022 7:14:20 PM
Prerequisite Check	Completed with ...	07-Dec-2022 7:15:39 PM
Installation	Completed	07-Dec-2022 7:49:10 PM
Post Installation	Completed	07-Dec-2022 8:32:49 PM

Name	Status	Last Update Time	Description
Process update package	Completed	07-Dec-2022 7:04:36 PM	Processing update package
Download update package cab file	Not started		If your service connects to the update server
Extract update package payload	Not started		Extracting update package payload
Download redistributable files	Not started		If redistributable files are required
Report package as downloaded	Completed	07-Dec-2022 7:05:24 PM	The update package is now available for installation

Description:

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



OK

Cancel

Updates and Servicing 3 items

Search

AND Path <Current Node + Subfolders>

Name	Date Released	State	Prereq Only	Ignore Prereq Warning	Full Version	Client Version
Configuration Manager 2211	25-Nov-2022 12:00 AM	Installing	No	Yes	5.00.9096.1000	5.00.9096.1000

Configuration Manager

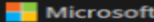


A new version of the console is available (5.2211.1061.1000). Click OK to close the console and install the new version now. Click Cancel to continue working with the old console (5.2207.1048.2600). Working in the old console might corrupt data.

OK

Cancel

About Microsoft Endpoint Configuration Manager



# Microsoft Endpoint Configuration Manager

Microsoft Endpoint Configuration Manager

Version 2211  
Console version: 5.2211.1061.1000

Updates and Servicing 1 items

Search current node

Name	Date Released	State	Prereq Only	Ignore Prereq Warning	Full Version	Client Version	Last Update Time
Configuration Manager 2211	25-Nov-2022 12:00 AM	Installed	No	Yes	5.00.9096.1000	5.00.9096.1000	07-Dec-2022 7:49 PM

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: 5.00.9096.1000  
Last modified: 07-Dec-2022 7:58:30 PM

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

Automatically upgrade clients within days: 1

Pre-production client version: 5.00.9096.1000  
Last modified: 07-Dec-2022 7:57:21 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...

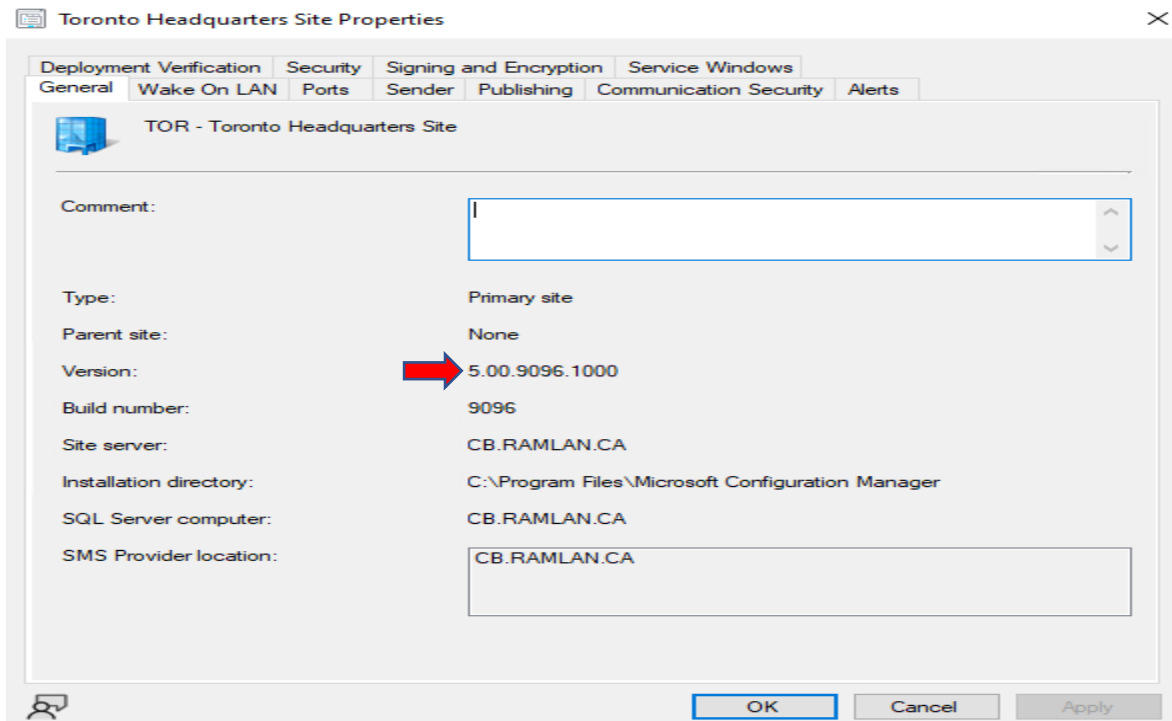
These clients will not be upgraded by automatic upgrade or software-based upgrade

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

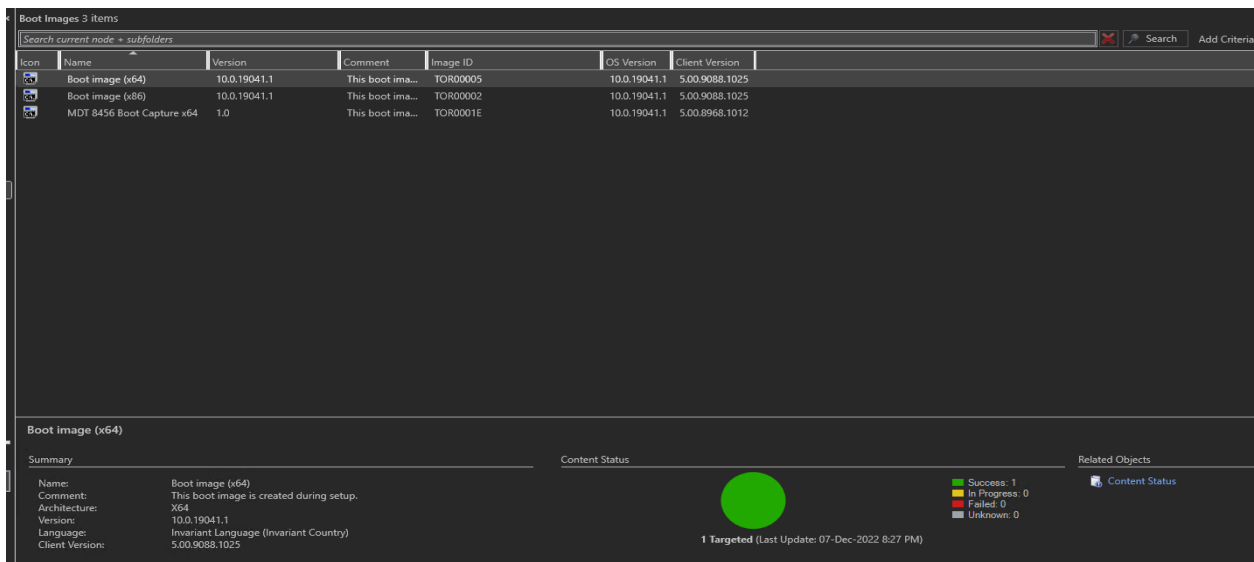
Applied to Windows operating systems only. You can download clients for additional operating systems from the [Microsoft Download Center](#).

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

OK Cancel Apply



Make sure boot images are also updated.



This concludes the upgrade process. I will write another post covering new features in CB2211.

Thanks

Ram  
 8<sup>th</sup> Dec 2022