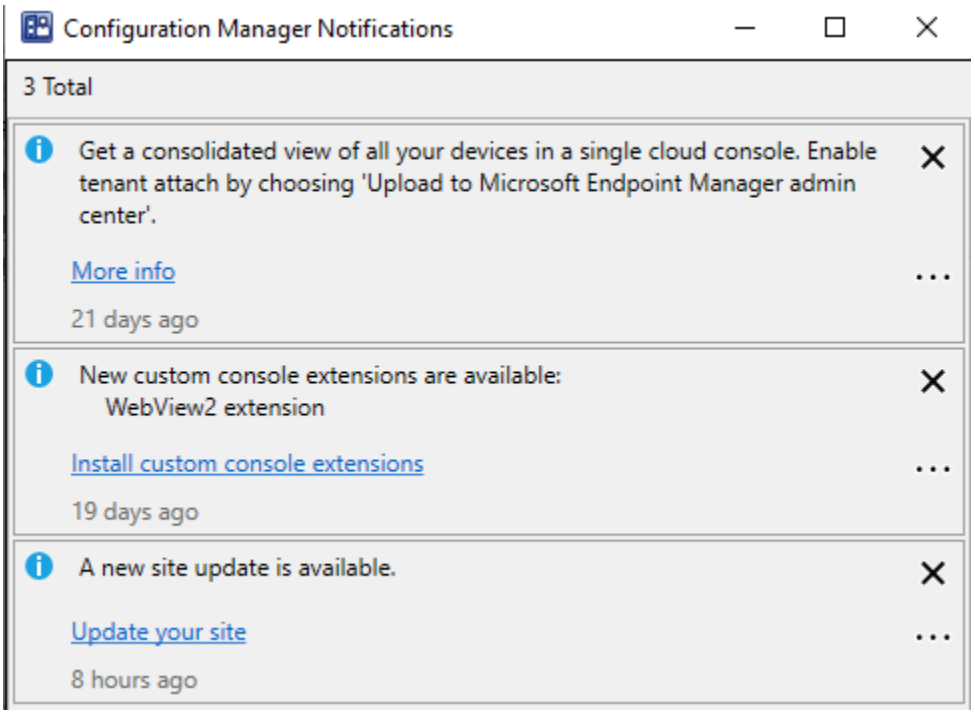
Update for CB2103 – KB9603111 Released on 21st April 2021

In this post, I am going to install above update for my Microsoft Endpoint Configuration Manager 2103. Microsoft has come out with a few pop up notification when there is an update or other within the console for the admins to take care. This update covers the following fix.



https://docs.microsoft.com/en-us/mem/configmgr/hotfix/2103/kb9603111

Update for Microsoft Endpoint Configuration Manager version 2103, early update ring

04/26/2021 • 5 minutes to read •

Applies to: Configuration Manager (current branch, version 2103)

Summary of KB9603111

An update is available to administrators who opted in through a PowerShell script to the early update ring deployment for Microsoft Endpoint Configuration Manager current branch, version 2103. You can access the update in the Updates and Servicing node of the Configuration Manager console.

This update addresses important, late-breaking issues that were resolved after version 2103 became available globally. This article summarizes the most significant changes.

This update does not apply to sites that downloaded version 2103 on April 19, 2021, or a later date. Therefore, it will not be listed in the Configuration Manager console for those sites.

Issues that are fixed

- Configuration Manager Azure Active Directory (AAD) joined clients that are also using PKI issued certs can get into a high CPU utilization situation that impacts the end-user. This occurs because of an issue with the SMS Agent Host (`ccmexec.exe`) attempting to continually renew the "self-prove" token with the Management Point (MP).
- During reassignment from one site to another, clients are unable to evaluate policy or communicate via the notification channel. Errors resembling the following are recorded in the `ccmexec.log` file.

```text
Error registering hosted class '{Class_GUID}'. Code 0x80040111
Error processing notification query for endpoint '{Endpoint_Name}'. Query='wqlns:root\microsoft\... Code =0x800
Sending State Message with topic type = 2100, state id = 1, run state = 0, and error code = 0x66109940
Sending State Message with topic type = 2100, state id = 1, run state = 0, and error code = 0x68617800
```

- The report `Compliance 4 - Updates by vendor month year` does not contain expected data.
- App usage data is stale or unavailable for devices in the Desktop Analytics portal in the Microsoft Endpoint Manager admin center. This only affects notebook computers that run for multiple days without restarting. An error resembling the following is recorded in the `SensorManagedProvider.log` file on affected devices.

```text
Other exception - Value was either too large or too small for an Int32.,    at System.Number.ParseInt32(String s
at System.Convert.ToInt32(String value, IFormatProvider provider)
at Microsoft.ConfigurationManagement.SensorFramework.SrumUtilHelper.ImportCsvToDataTable[T](String filePath)
```

- After updating to Configuration Manager current branch, version 2103, a backlog of `.MEP` (machine extended policy) files occurs in the PolicyPV inbox on the site server. This backlog also causes delays in processing site reassignment data.
- Devices upgrade to the 2103 version of the client faster than expected after promoting the upgrade from pre-production. In addition the WebView 2 client component is installed repeatedly.
- State message processing hangs when encountering a corrupt file instead of discarding the file as expected. Errors resembling the following are recorded in the statesys.log file.

```text
Thread 'State Message Processing Thread #0" id:14888 terminated abnormally
A state message processing thread ended with a fatal error, backing off...
STATMSG: ID=6101 SEV=E LEV=M SOURCE='SMS Server' COMP='SMS_STATE_SYSTEM'...
```

- State message processing fails for some cloud management gateway messages. Errors resembling the following are recorded in the statesys.log file.

```text
SQL MESSAGE: dbo.spProcessStateReport - Error: Record 1 returned an 'invalid record' return code and failed proc
```

- A new console extension created for the community hub for version 2103 will fail to load if a prior console extension modifies the same node with the same action.
- The SQL Server move process fails after a highly available site is failed over to the passive site server. This occurs due to a certificate problem that resembled the following in the ConfigMgrSetup.log file.

```text
ERROR: Failed to decrypt SQL Server machine serialized pfx certificate (LastError=0)
```

- The Wake on LAN feature does not function as expected after a central administration site (CAS) is removed due to a missing site control property value.
- The SMS Agent Host service may terminate unexpectedly due to a policy agent issue.
- CMPivot queries do not run on computers configured with the Japanese system locale.
- After removing a central administration site, packages are distributed to all distribution points (DP) when adding them to just a single new DP.
- Failover from an active to a passive site fails in an environment with a large number of orphaned package status data records.

Update information for Microsoft Endpoint Configuration Manager, version 2103 early update ring

This update is available in the Updates and Servicing node of the Configuration Manager console for environments that were installed by using the publicly available early update ring builds of version 2103. These builds were available for download between April 5 and April 19, 2021.

To verify which build is installed, look for a package GUID by adding the Package GUID column to the details pane of the Updates and Servicing node in the console. This update applies to first wave installations of version 2103 from packages that have the following GUIDs:

- 41F02C4C-BB4B-4B8D-9299-059860339DAB
- ADADCCD5-B406-4752-91C1-C67F3024A8BD
- A052B360-A8CF-43CE-BFF8-D5DF4D14DAEC
- 6232ED65-9931-4C7D-9A6B-DD99B56478DB
- A682F854-A8AF-4F25-83B0-D9CFDFAFE659

Restart information

This update does not require a computer restart but will initiate a site reset after installation.

Update replacement information

This update does not replace any previously released update.

Additional installation information

After you install this update on a primary site, pre-existing secondary sites must be manually updated. To update a secondary site in the Configuration Manager console, select Administration -> Site Configuration -> Sites -> Recover Secondary Site, and then select the secondary site. The primary site then reinstalls that secondary site by using the updated files. Configurations and settings for the secondary site are not affected by this reinstallation. The new, upgraded, and reinstalled secondary sites under that primary site automatically receive this update.

Run the following SQL Server command on the site database to check whether the update version of a secondary site matches that of its parent primary site:

code Copy

```
select dbo.fnGetSecondarySiteCMUpdateStatus ('SiteCode_of_secondary_site')
```

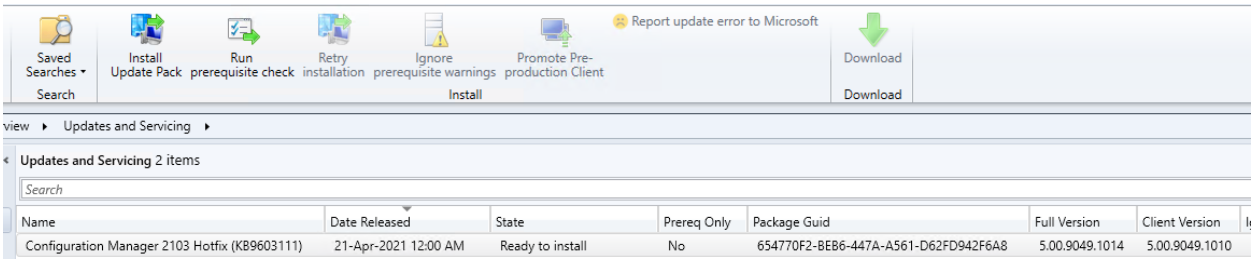
If the value 1 is returned, the site is up to date with all the hotfixes applied on its parent primary site.

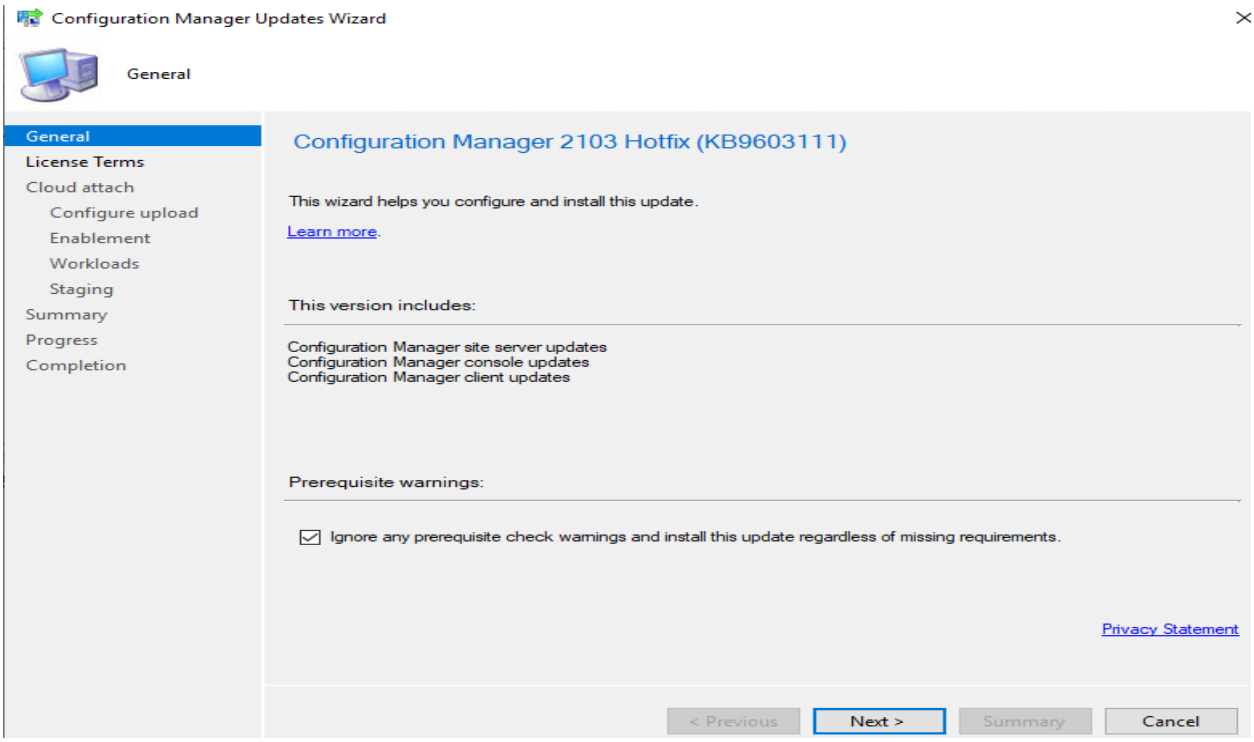
If the value 0 is returned, the site has not installed all the fixes that are applied to the primary site, and you should use the Recover Secondary Site option to update the secondary site.

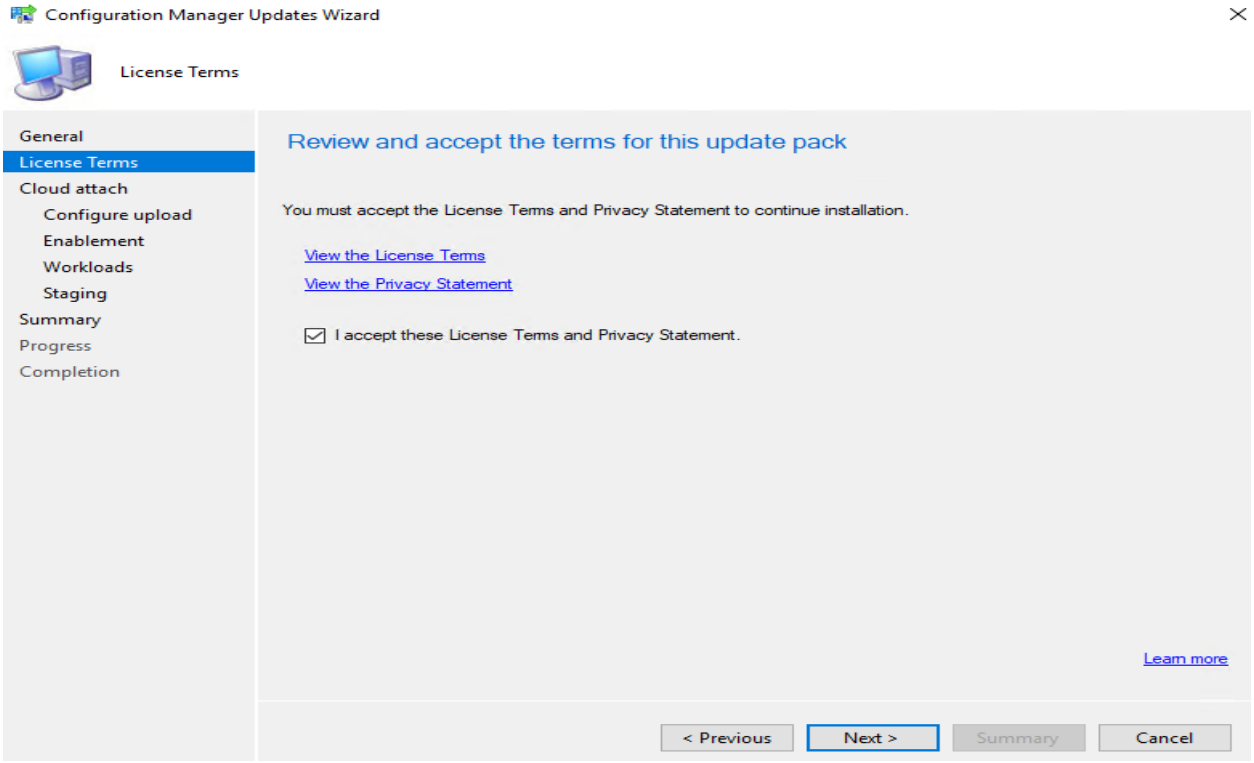
Version information

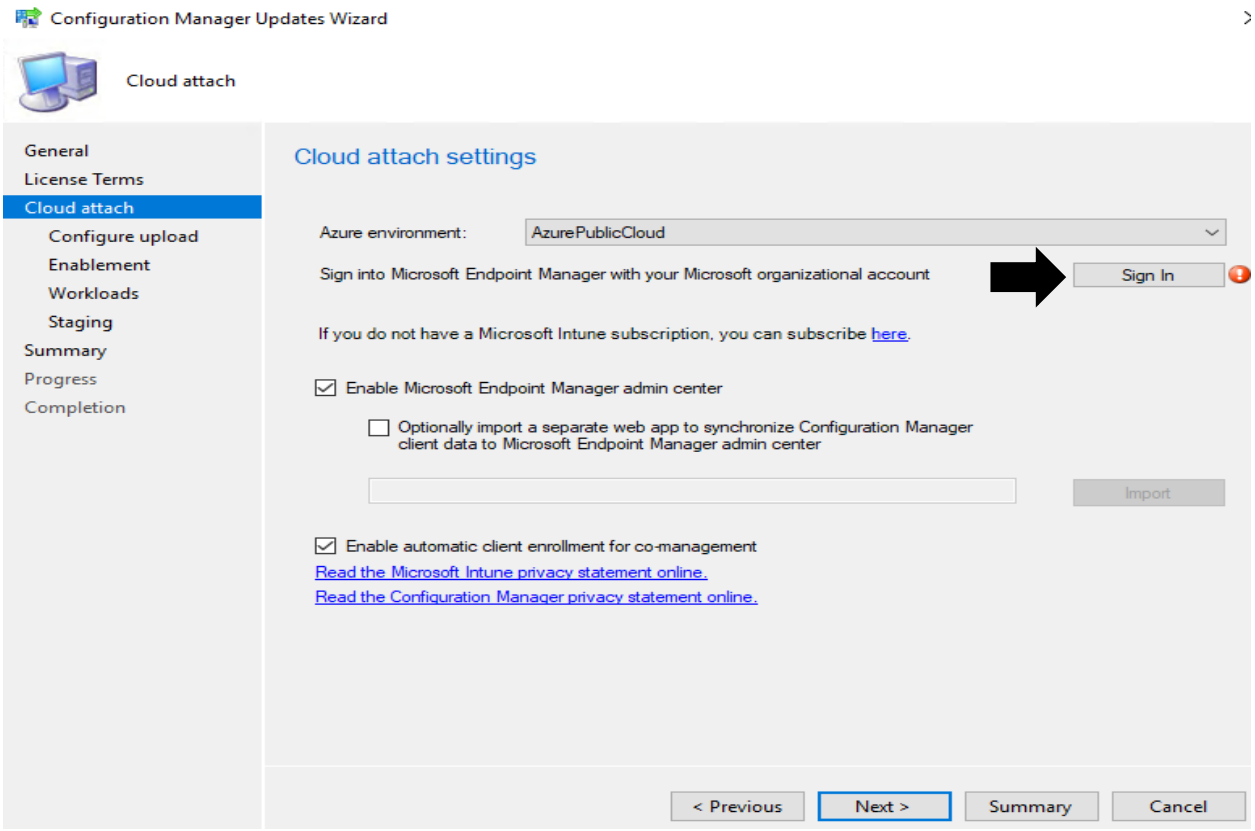
The following major components are updated to the versions specified:

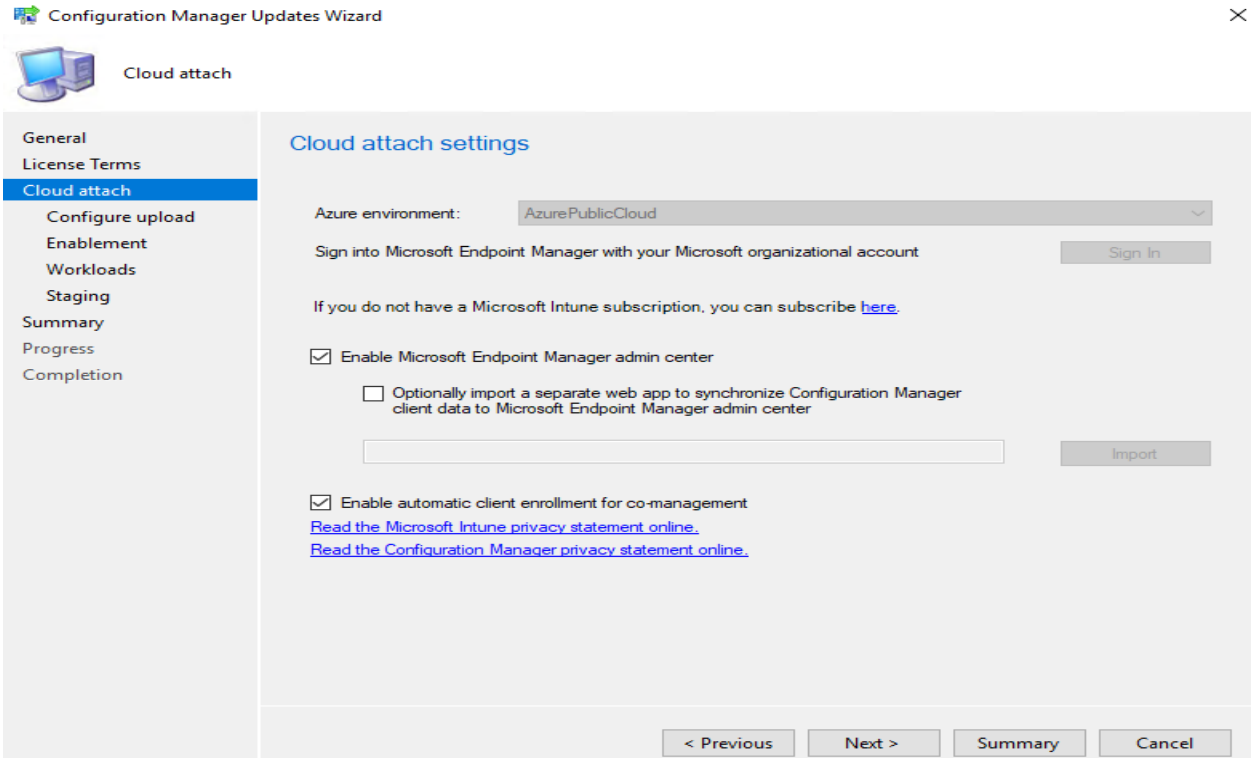
Component	Version
Site	5.00.9049.1000
Configuration Manager console	5.2103.1059.1800
Client	5.00.9049.1010

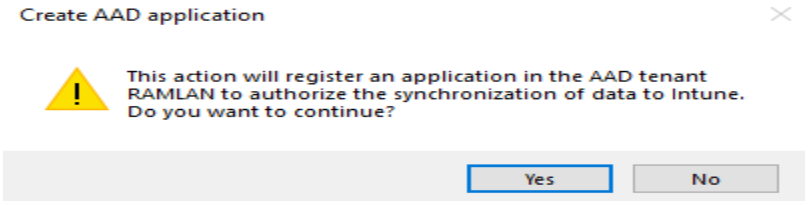

Saved Searches
Search
Install Update Pack
Run prerequisite check
Retry installation
Ignore prerequisite warnings
Promote Pre-production Client
Report update error to Microsoft
Install
Download
Download
view ▸ Updates and Servicing ▸
Updates and Servicing 2 items
Search
Name
Date Released
State
Prereq Only
Package Guid
Full Version
Client Version
Configuration Manager 2103 Hotfix (KB9603111)
21-Apr-2021 12:00 AM
Ready to install
No
654770F2-BEB6-447A-A561-D62FD942F6A8
5.00.9049.1014
5.00.9049.1010

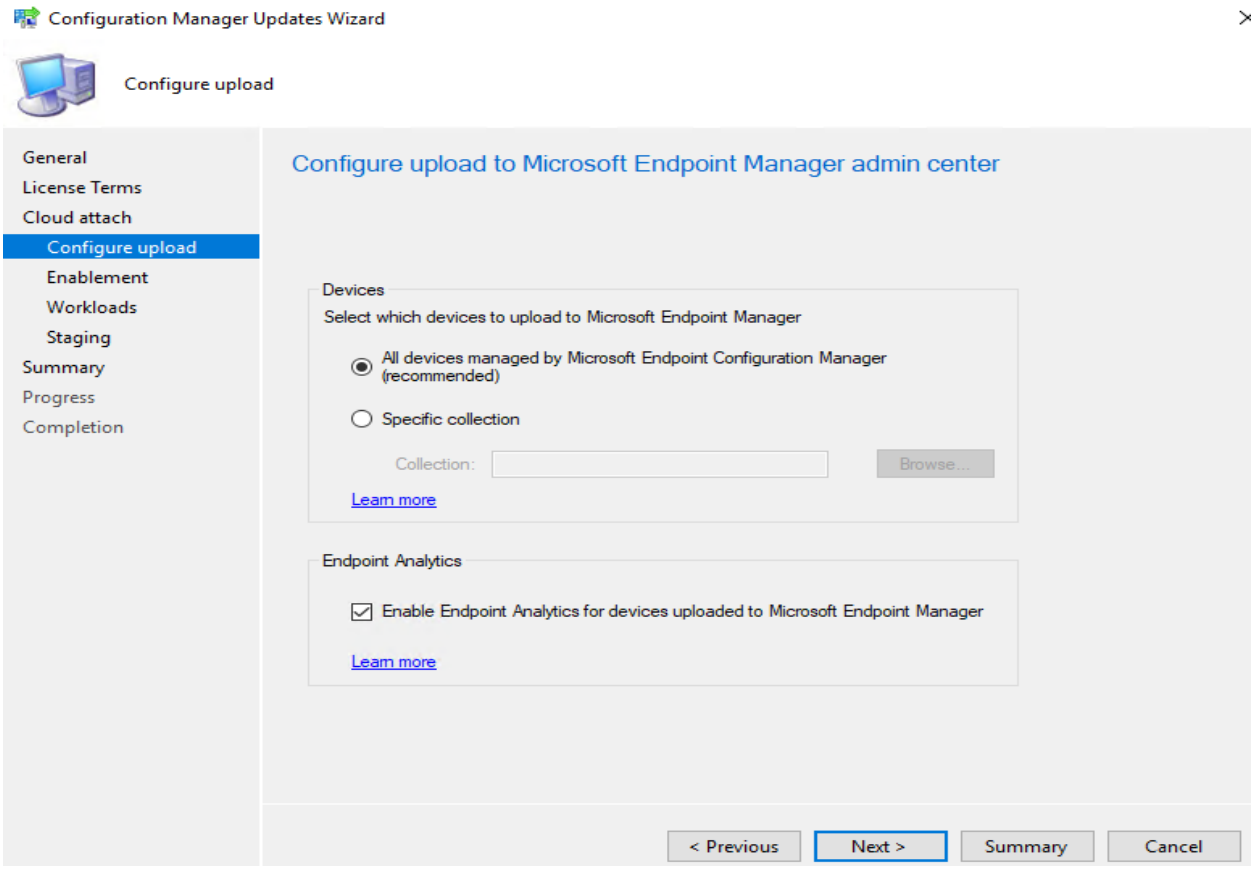

Configuration Manager Updates Wizard
General
General
License Terms
Cloud attach
Configure upload
Enablement
Workloads
Staging
Summary
Progress
Completion
Configuration Manager 2103 Hotfix (KB9603111)
This wizard helps you configure and install this update.
Learn more.
This version includes:
Configuration 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

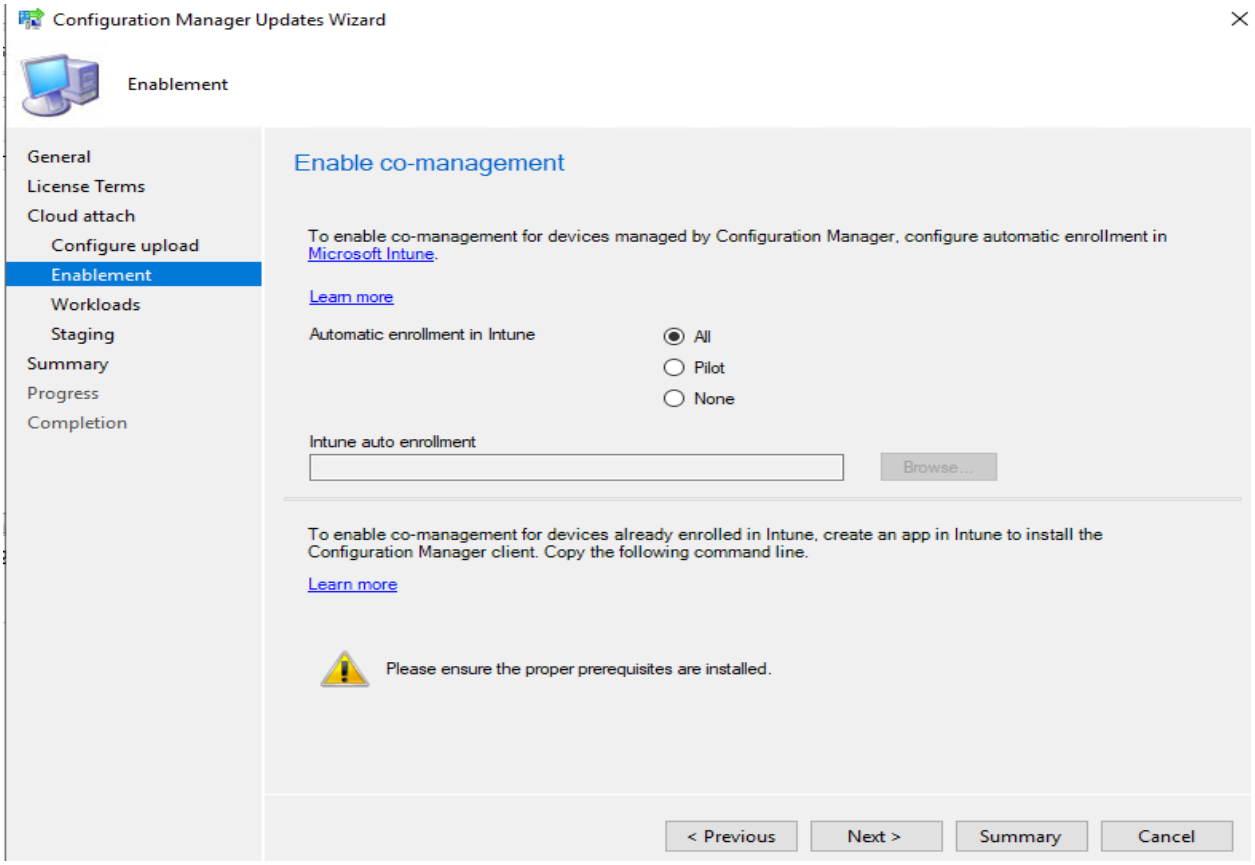

Configuration Manager Updates Wizard
License Terms
General
License Terms
Cloud attach
Configure upload
Enablement
Workloads
Staging
Summary
Progress
Completion
Review and accept the terms for this update pack
You must accept the License Terms and Privacy Statement to continue installation.
View the License Terms
View the Privacy Statement
I accept these License Terms and Privacy Statement.
Learn more
< Previous
Next >
Summary
Cancel

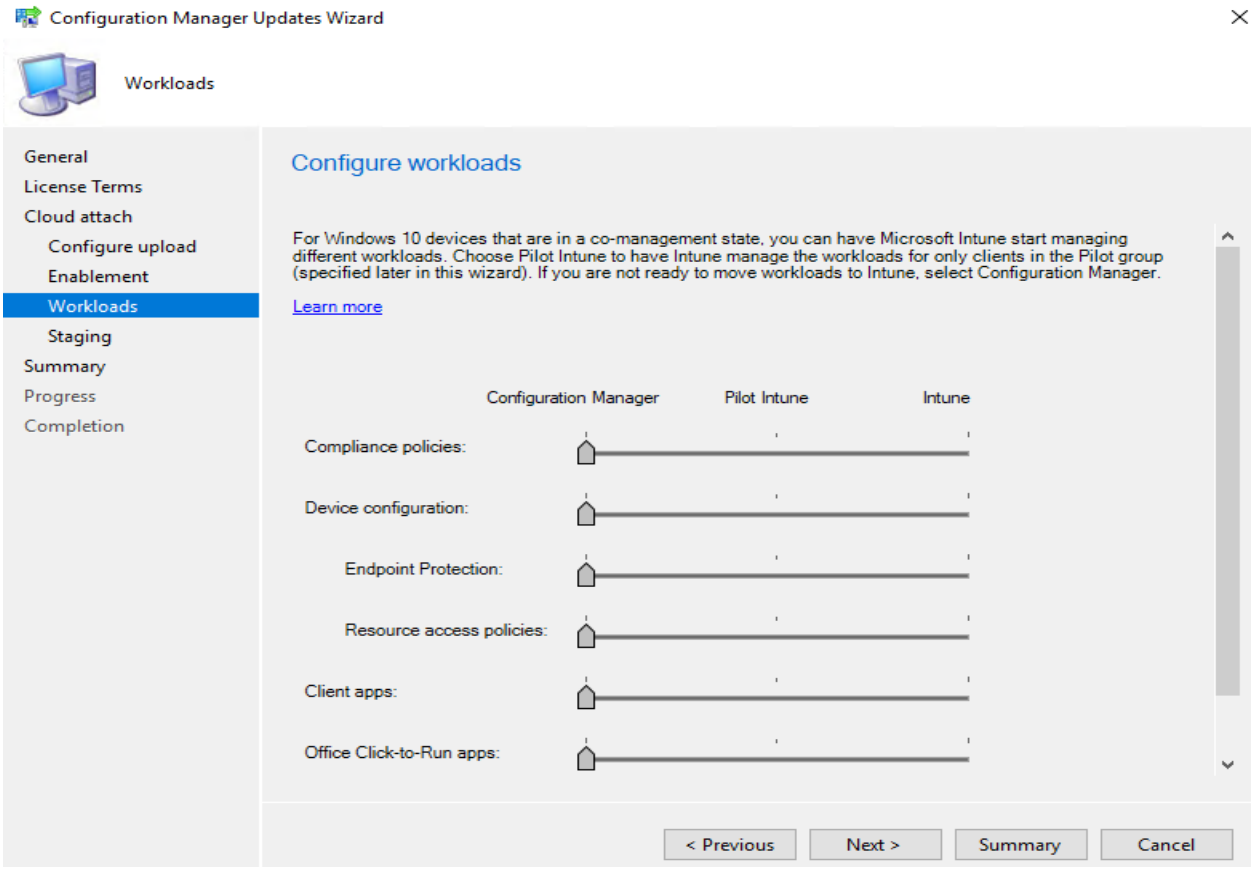

Configuration Manager Updates Wizard
Cloud attach
General
License Terms
Cloud attach
Configure upload
Enablement
Workloads
Staging
Summary
Progress
Completion
Cloud attach settings
Azure environment:
AzurePublicCloud
Sign into Microsoft Endpoint Manager with your Microsoft organizational account
Sign In
If you do not have a Microsoft Intune subscription, you can subscribe here.
Enable Microsoft Endpoint Manager admin center
Optionally import a separate web app to synchronize Configuration Manager client data to Microsoft Endpoint Manager admin center
Import
Enable automatic client enrollment for co-management
Read the Microsoft Intune privacy statement online.
Read the Configuration Manager privacy statement online.
< Previous
Next >
Summary
Cancel

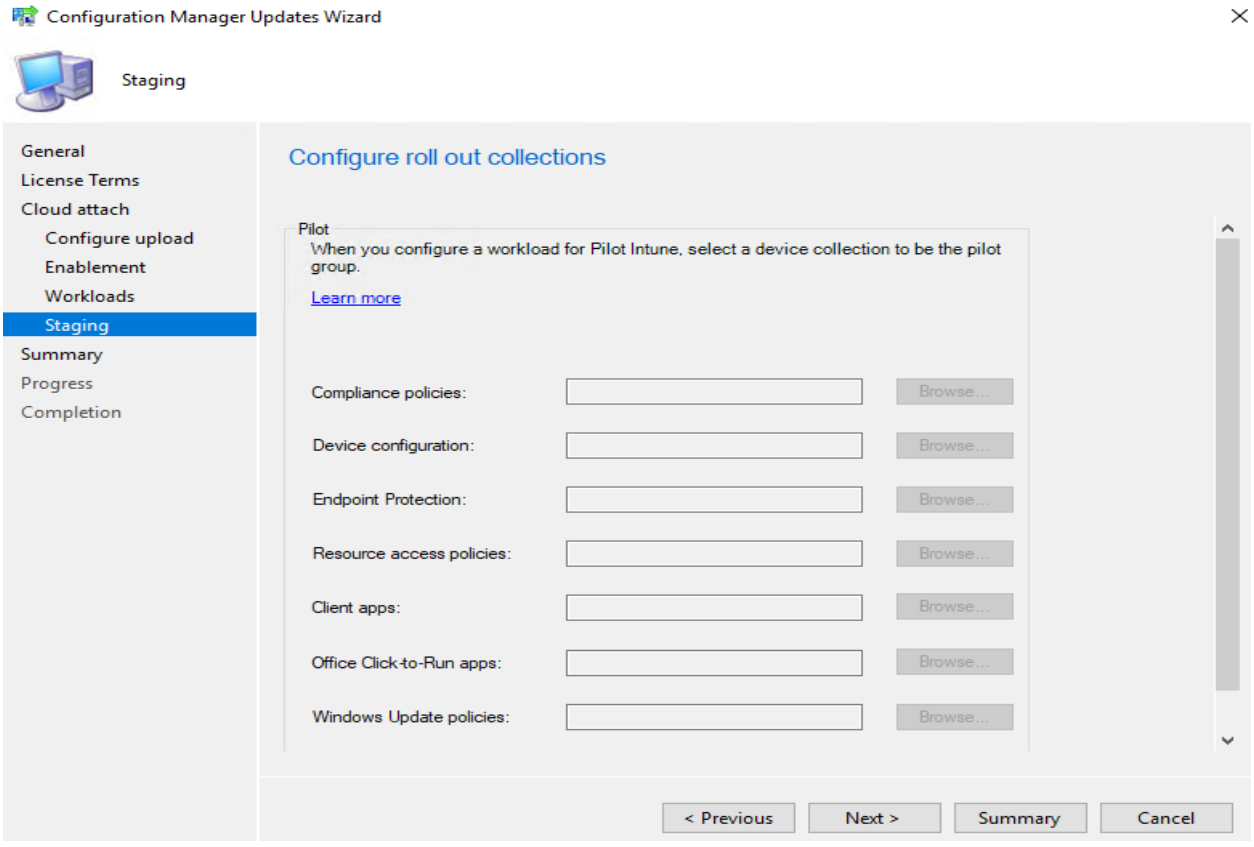

Configuration Manager Updates Wizard
Cloud attach
General
License Terms
Cloud attach
Configure upload
Enablement
Workloads
Staging
Summary
Progress
Completion
Cloud attach settings
Azure environment:
AzurePublicCloud
Sign into Microsoft Endpoint Manager with your Microsoft organizational account
Sign In
If you do not have a Microsoft Intune subscription, you can subscribe here.
Enable Microsoft Endpoint Manager admin center
Optionally import a separate web app to synchronize Configuration Manager client data to Microsoft Endpoint Manager admin center
Import
Enable automatic client enrollment for co-management
Read the Microsoft Intune privacy statement online.
Read the Configuration Manager privacy statement online.
< Previous
Next >
Summary
Cancel

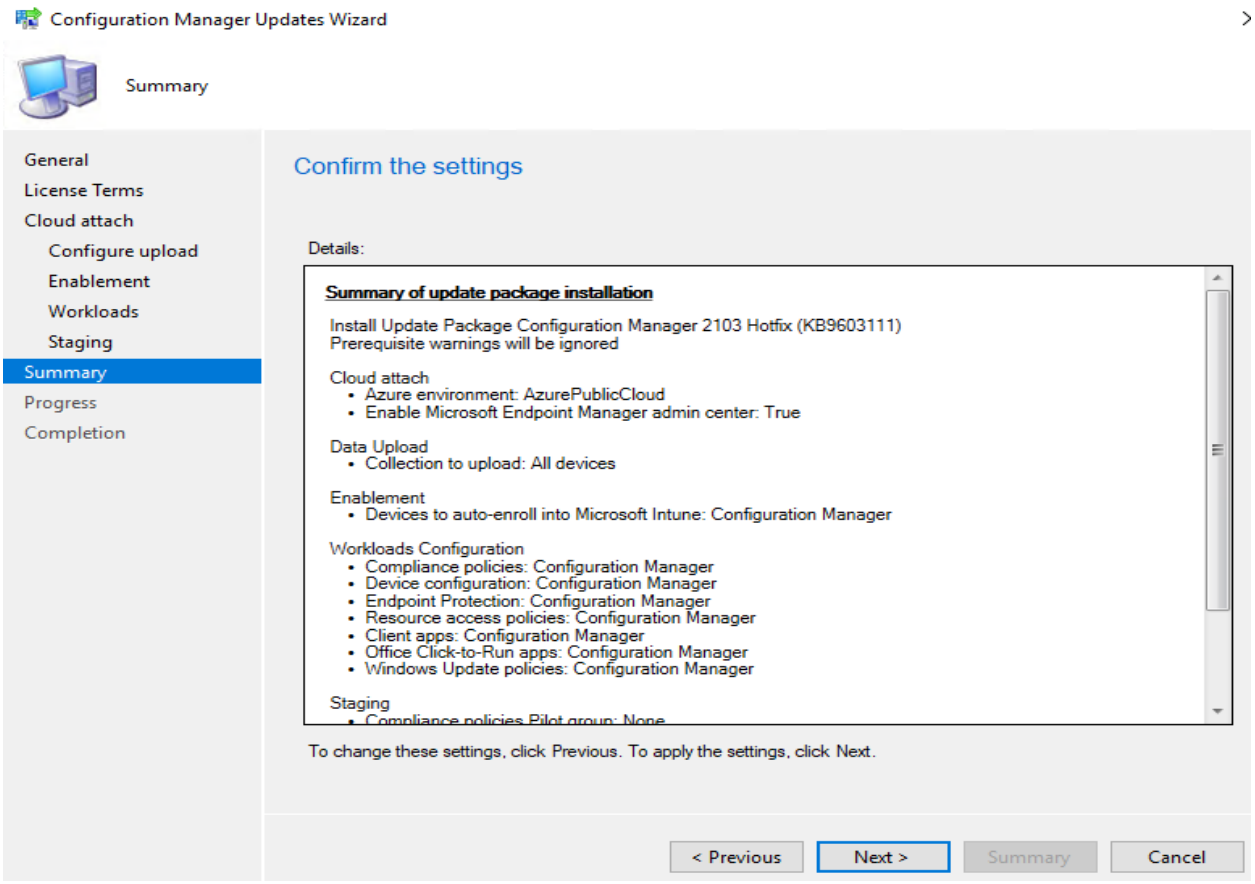

Create AAD application
This action will register an application in the AAD tenant RAMLAN to authorize the synchronization of data to Intune.
Do you want to continue?
Yes
No

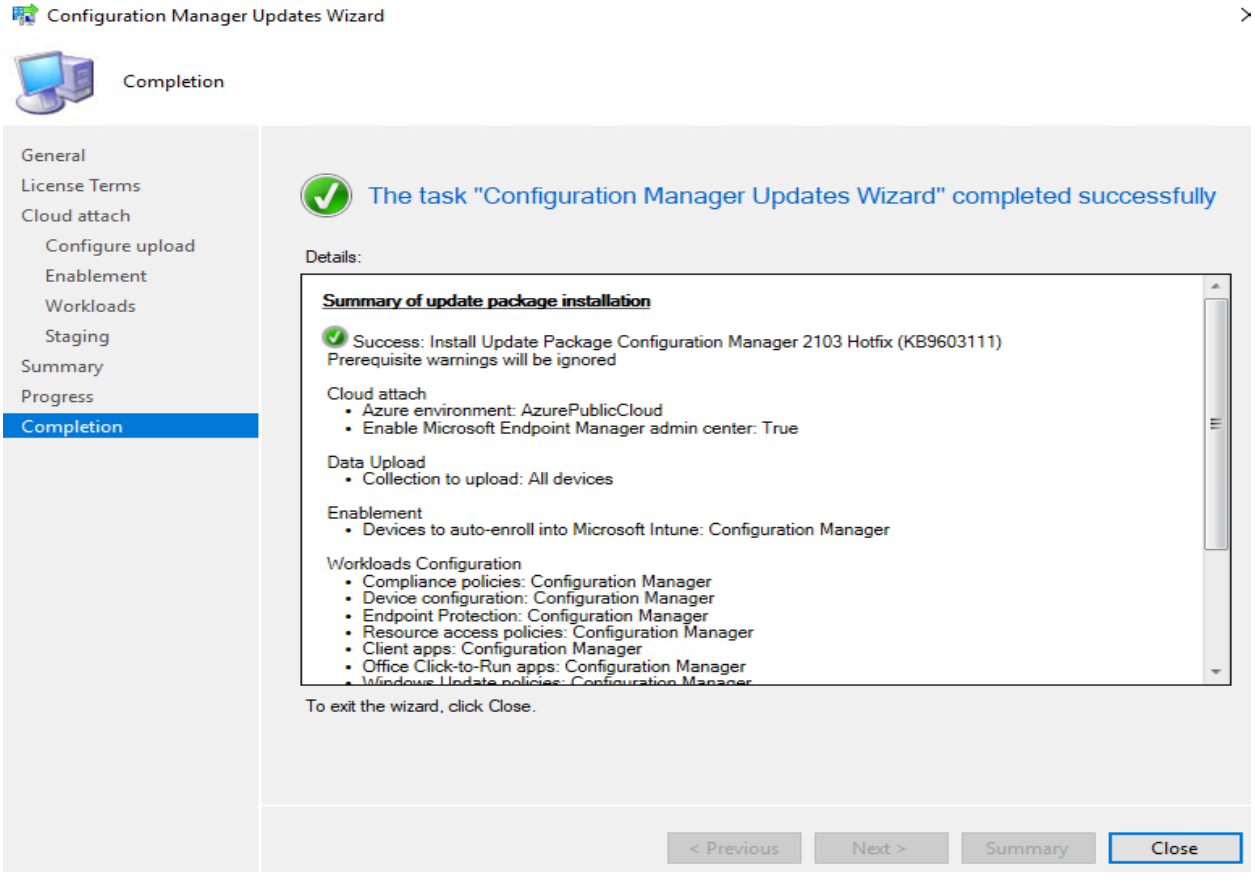

Configuration Manager Updates Wizard
Configure upload
General
License Terms
Cloud attach
Configure upload
Enablement
Workloads
Staging
Summary
Progress
Completion
Configure upload to Microsoft Endpoint Manager admin center
Devices
Select which devices to upload to Microsoft Endpoint Manager
All devices managed by Microsoft Endpoint Configuration Manager (recommended)
Specific collection
Collection:
Browse...
Learn more
Endpoint Analytics
Enable Endpoint Analytics for devices uploaded to Microsoft Endpoint Manager
Learn more
< Previous
Next >
Summary
Cancel

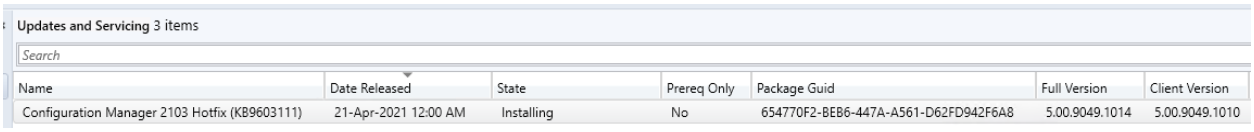

Configuration Manager Updates Wizard
Enablement
General
License Terms
Cloud attach
Configure upload
Enablement
Workloads
Staging
Summary
Progress
Completion
Enable co-management
To enable co-management for devices managed by Configuration Manager, configure automatic enrollment in Microsoft Intune.
Learn more
Automatic enrollment in Intune
All
Pilot
None
Intune auto enrollment
Browse...
To enable co-management for devices already enrolled in Intune, create an app in Intune to install the Configuration Manager client. Copy the following command line.
Learn more
Please ensure the proper prerequisites are installed.
< Previous
Next >
Summary
Cancel

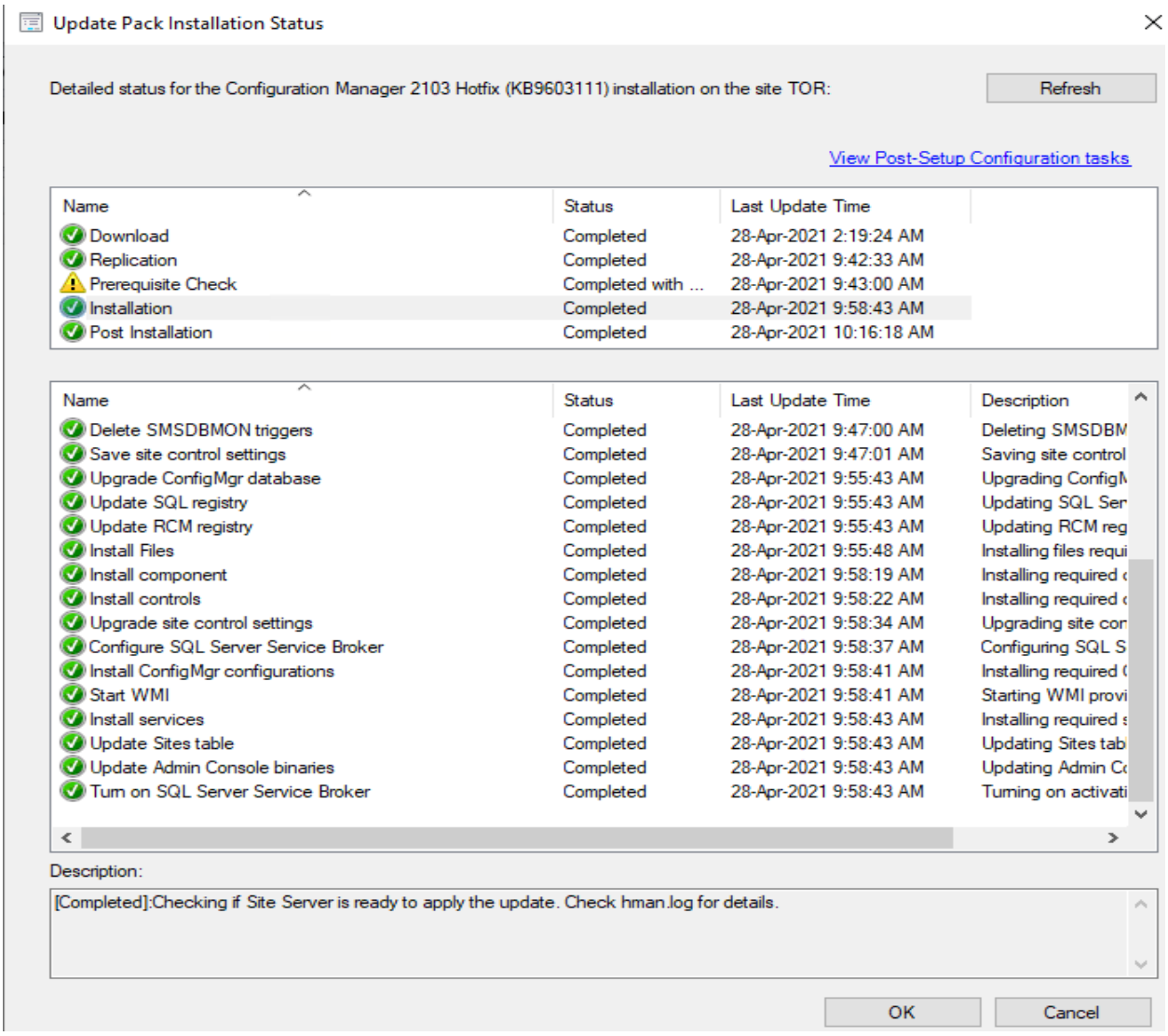

Configuration Manager Updates Wizard
Workloads
General
License Terms
Cloud attach
Configure upload
Enablement
Workloads
Staging
Summary
Progress
Completion
Configure workloads
For Windows 10 devices that are in a co-management state, you can have Microsoft Intune start managing different workloads. Choose Pilot Intune to have Intune manage the workloads for only clients in the Pilot group (specified later in this wizard). If you are not ready to move workloads to Intune, select Configuration Manager.
Learn more
Configuration Manager
Pilot Intune
Intune
Compliance policies:
Device configuration:
Endpoint Protection:
Resource access policies:
Client apps:
Office Click-to-Run apps:
< Previous
Next >
Summary
Cancel

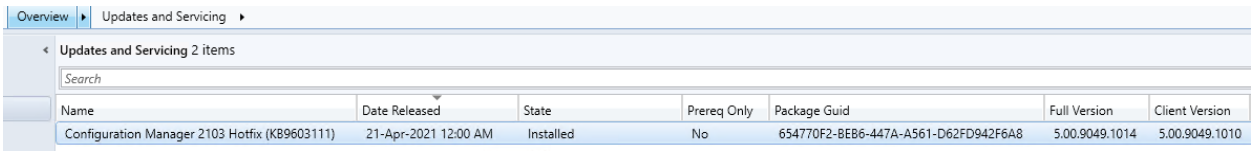

Configuration Manager Updates Wizard
Staging
General
License Terms
Cloud attach
Configure upload
Enablement
Workloads
Staging
Summary
Progress
Completion
Configure roll out collections
Pilot
When you configure a workload for Pilot Intune, select a device collection to be the pilot group.
Learn more
Compliance policies:
Device configuration:
Endpoint Protection:
Resource access policies:
Client apps:
Office Click-to-Run apps:
Windows Update policies:
Browse...
< Previous
Next >
Summary
Cancel

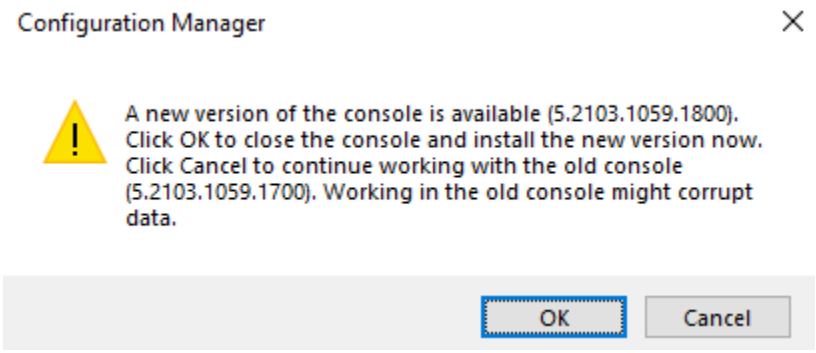

Configuration Manager Updates Wizard
Summary
General
License Terms
Cloud attach
Configure upload
Enablement
Workloads
Staging
Summary
Progress
Completion
Confirm the settings
Details:
Summary of update package installation
Install Update Package Configuration Manager 2103 Hotfix (KB9603111)
Prerequisite warnings will be ignored
Cloud attach
• Azure environment: AzurePublicCloud
• Enable Microsoft Endpoint Manager admin center: True
Data Upload
• Collection to upload: All devices
Enablement
• Devices to auto-enroll into Microsoft Intune: Configuration Manager
Workloads Configuration
• Compliance policies: Configuration Manager
• Device configuration: Configuration Manager
• Endpoint Protection: Configuration Manager
• Resource access policies: Configuration Manager
• Client apps: Configuration Manager
• Office Click-to-Run apps: Configuration Manager
• Windows Update policies: Configuration Manager
Staging
To change these settings, click Previous. To apply the settings, click Next.
< Previous
Next >
Summary
Cancel

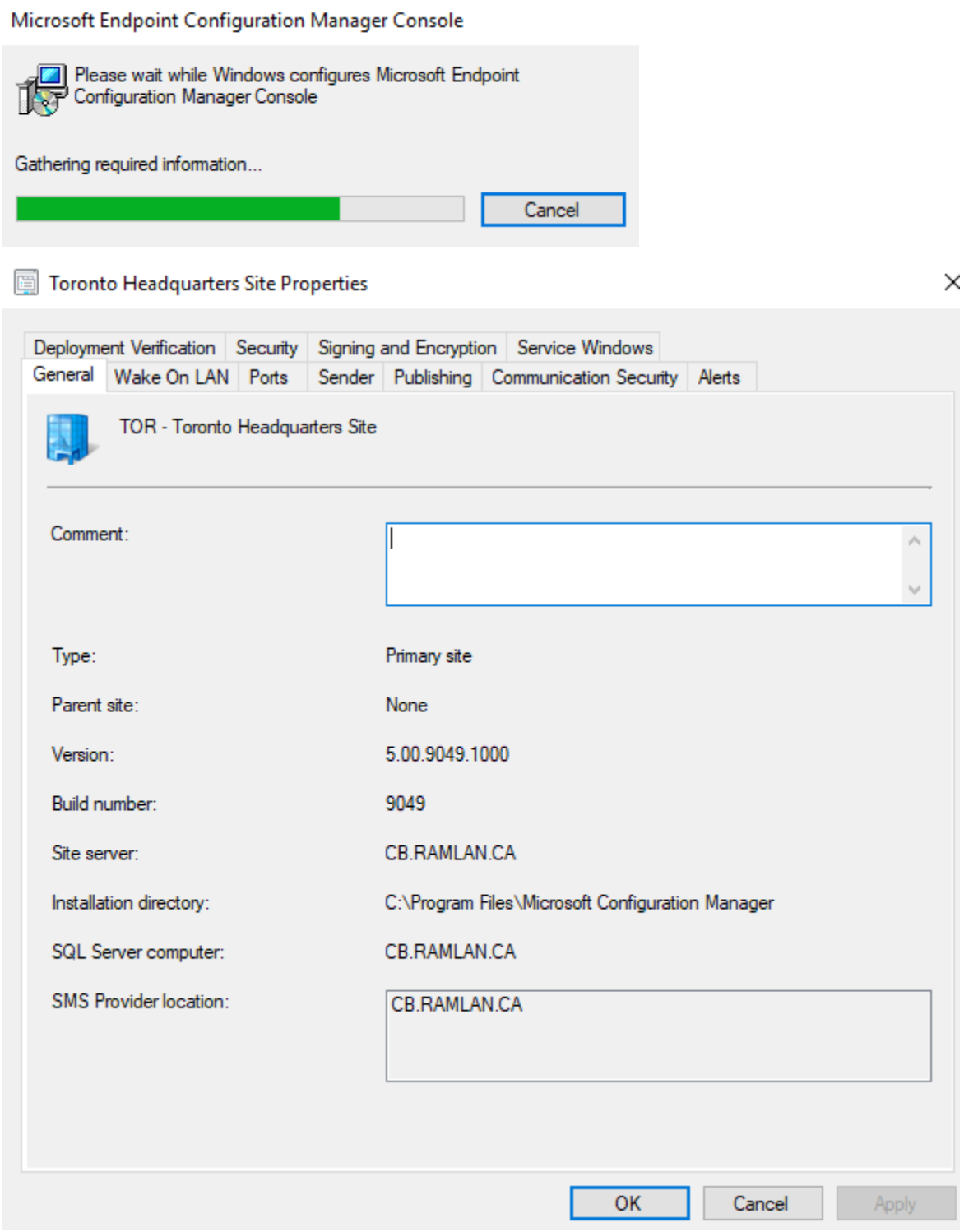

Configuration Manager Updates Wizard
Completion
General
License Terms
Cloud attach
Configure upload
Enablement
Workloads
Staging
Summary
Progress
Completion
The task "Configuration Manager Updates Wizard" completed successfully
Details:
Summary of update package installation
Success: Install Update Package Configuration Manager 2103 Hotfix (KB9603111)
Prerequisite warnings will be ignored
Cloud attach
• Azure environment: AzurePublicCloud
• Enable Microsoft Endpoint Manager admin center: True
Data Upload
• Collection to upload: All devices
Enablement
• Devices to auto-enroll into Microsoft Intune: Configuration Manager
Workloads Configuration
• Compliance policies: Configuration Manager
• Device configuration: Configuration Manager
• Endpoint Protection: Configuration Manager
• Resource access policies: Configuration Manager
• Client apps: Configuration Manager
• Office Click-to-Run apps: Configuration Manager
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 Hotfix (KB9603111)
21-Apr-2021 12:00 AM
Installing
No
654770F2-BEB6-447A-A561-D62FD942F6A8
5.00.9049.1014
5.00.9049.1010


Update Pack Installation Status
Detailed status for the Configuration Manager 2103 Hotfix (KB9603111) installation on the site TOR:
Refresh
View Post-Setup Configuration tasks
Name
Status
Last Update Time
Download
Completed
28-Apr-2021 2:19:24 AM
Replication
Completed
28-Apr-2021 9:42:33 AM
Prerequisite Check
Completed with ...
28-Apr-2021 9:43:00 AM
Installation
Completed
28-Apr-2021 9:58:43 AM
Post Installation
Completed
28-Apr-2021 10:16:18 AM
Name
Status
Last Update Time
Description
Delete SMSDBMON triggers
Completed
28-Apr-2021 9:47:00 AM
Deleting SMSDBM
Save site control settings
Completed
28-Apr-2021 9:47:01 AM
Saving site control
Upgrade ConfigMgr database
Completed
28-Apr-2021 9:55:43 AM
Upgrading ConfigM
Update SQL registry
Completed
28-Apr-2021 9:55:43 AM
Updating SQL Ser
Update RCM registry
Completed
28-Apr-2021 9:55:43 AM
Updating RCM reg
Install Files
Completed
28-Apr-2021 9:55:48 AM
Installing files requi
Install component
Completed
28-Apr-2021 9:58:19 AM
Installing required
Install controls
Completed
28-Apr-2021 9:58:22 AM
Installing required
Upgrade site control settings
Completed
28-Apr-2021 9:58:34 AM
Upgrading site cor
Configure SQL Server Service Broker
Completed
28-Apr-2021 9:58:37 AM
Configuring SQL S
Install ConfigMgr configurations
Completed
28-Apr-2021 9:58:41 AM
Installing required
Start WMI
Completed
28-Apr-2021 9:58:41 AM
Starting WMI provi
Install services
Completed
28-Apr-2021 9:58:43 AM
Installing required s
Update Sites table
Completed
28-Apr-2021 9:58:43 AM
Updating Sites tab
Update Admin Console binaries
Completed
28-Apr-2021 9:58:43 AM
Updating Admin C
Turn on SQL Server Service Broker
Completed
28-Apr-2021 9:58:43 AM
Turning on activati
Description:
[Completed]:Checking if Site Server is ready to apply the update. Check hman.log for details.
OK
Cancel


Overview
Updates and Servicing
Updates and Servicing 2 items
Search
Name
Date Released
State
Prereq Only
Package Guid
Full Version
Client Version
Configuration Manager 2103 Hotfix (KB9603111)
21-Apr-2021 12:00 AM
Installed
No
654770F2-BEB6-447A-A561-D62FD942F6A8
5.00.9049.1014
5.00.9049.1010


Configuration Manager
A new version of the console is available (5.2103.1059.1800). Click OK to close the console and install the new version now. Click Cancel to continue working with the old console (5.2103.1059.1700). Working in the old console might corrupt data.
OK
Cancel



This concludes the update install.

Thanks

Ram Lan
28th April 2011