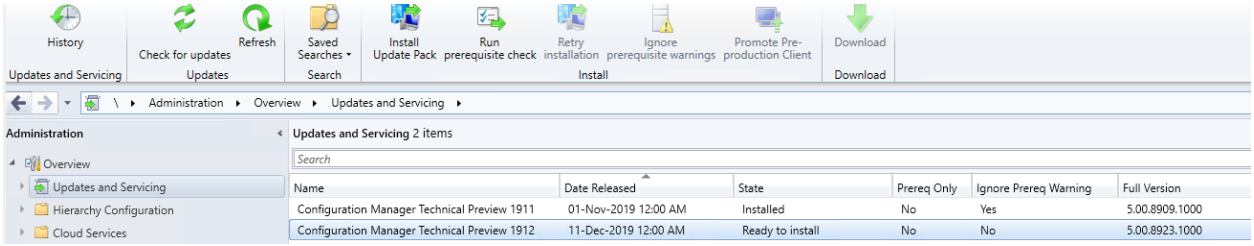
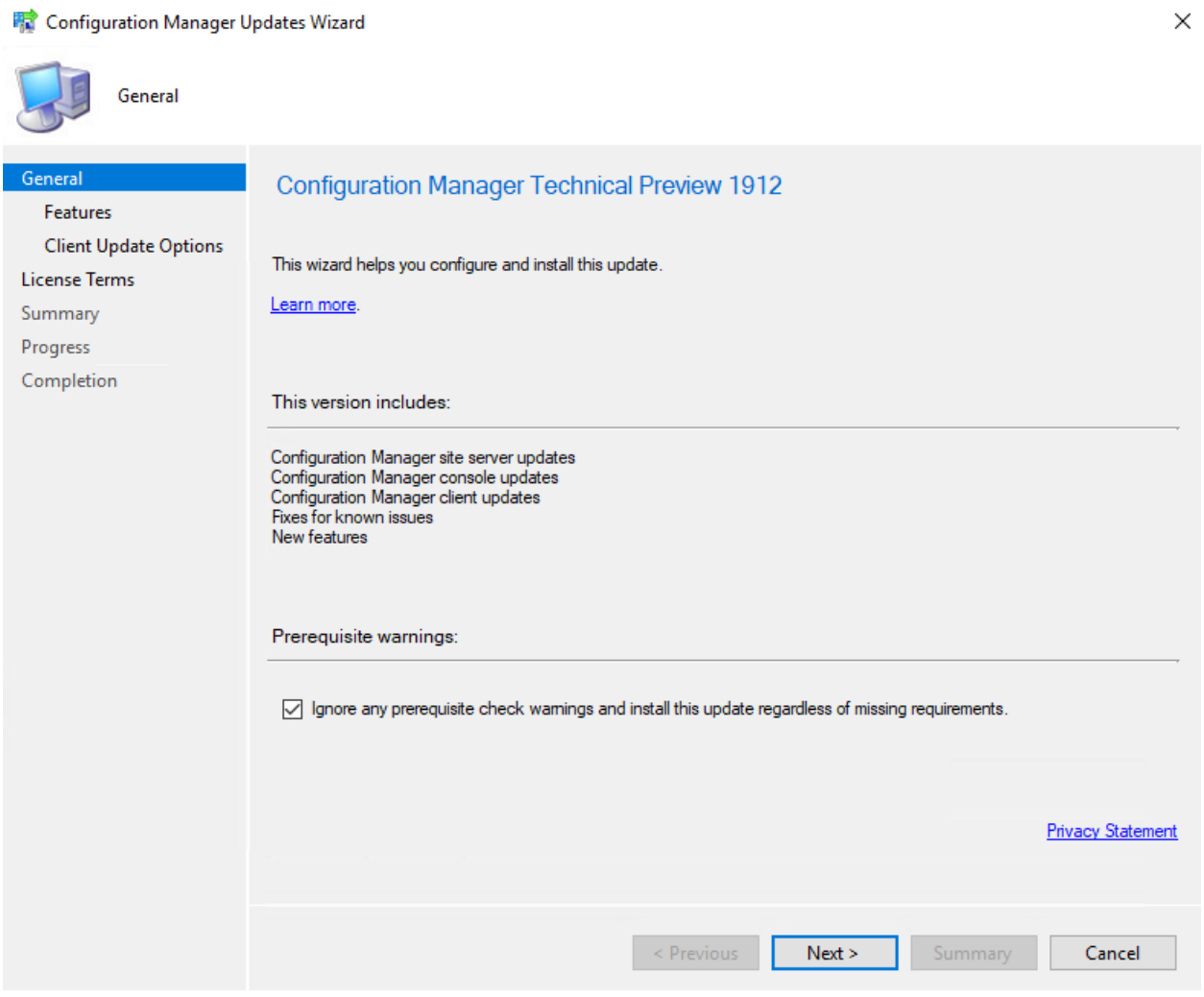
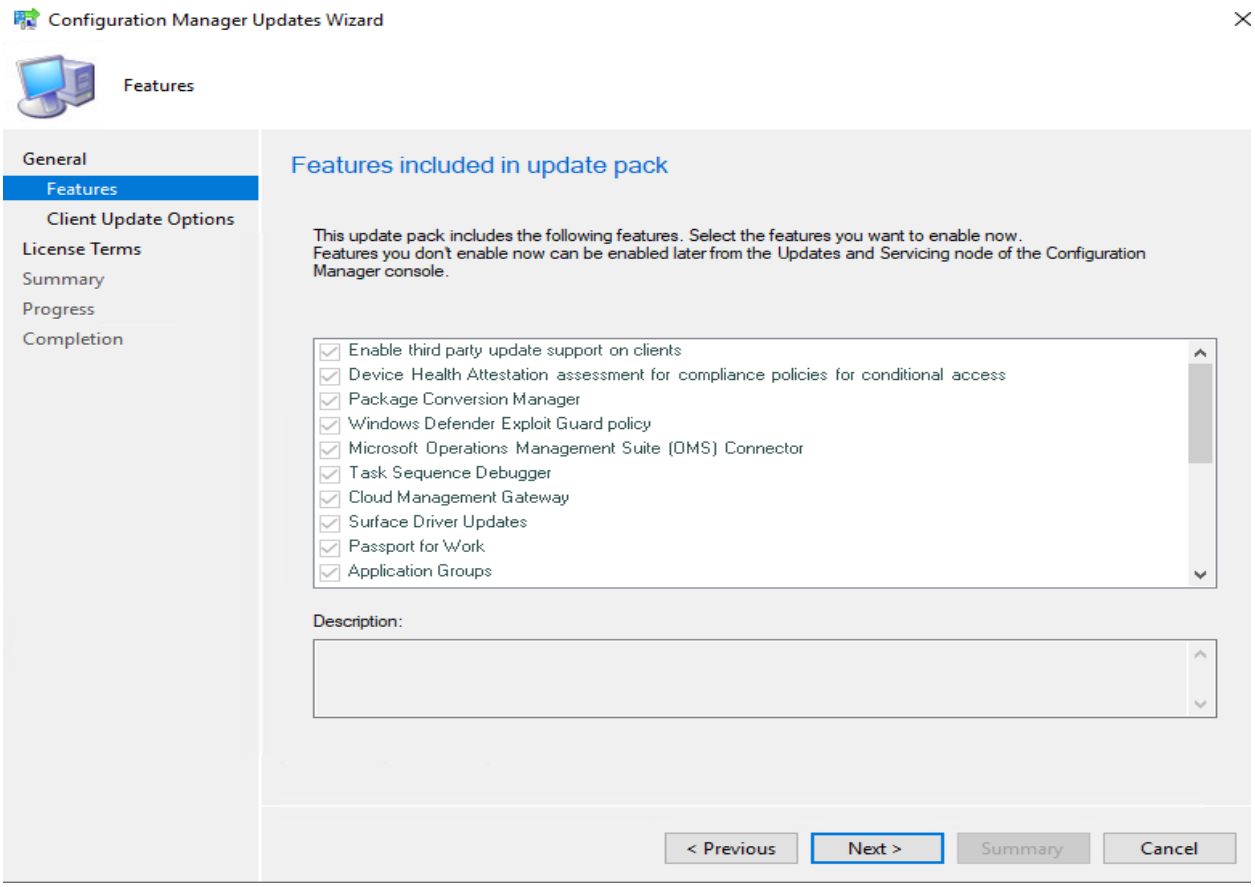
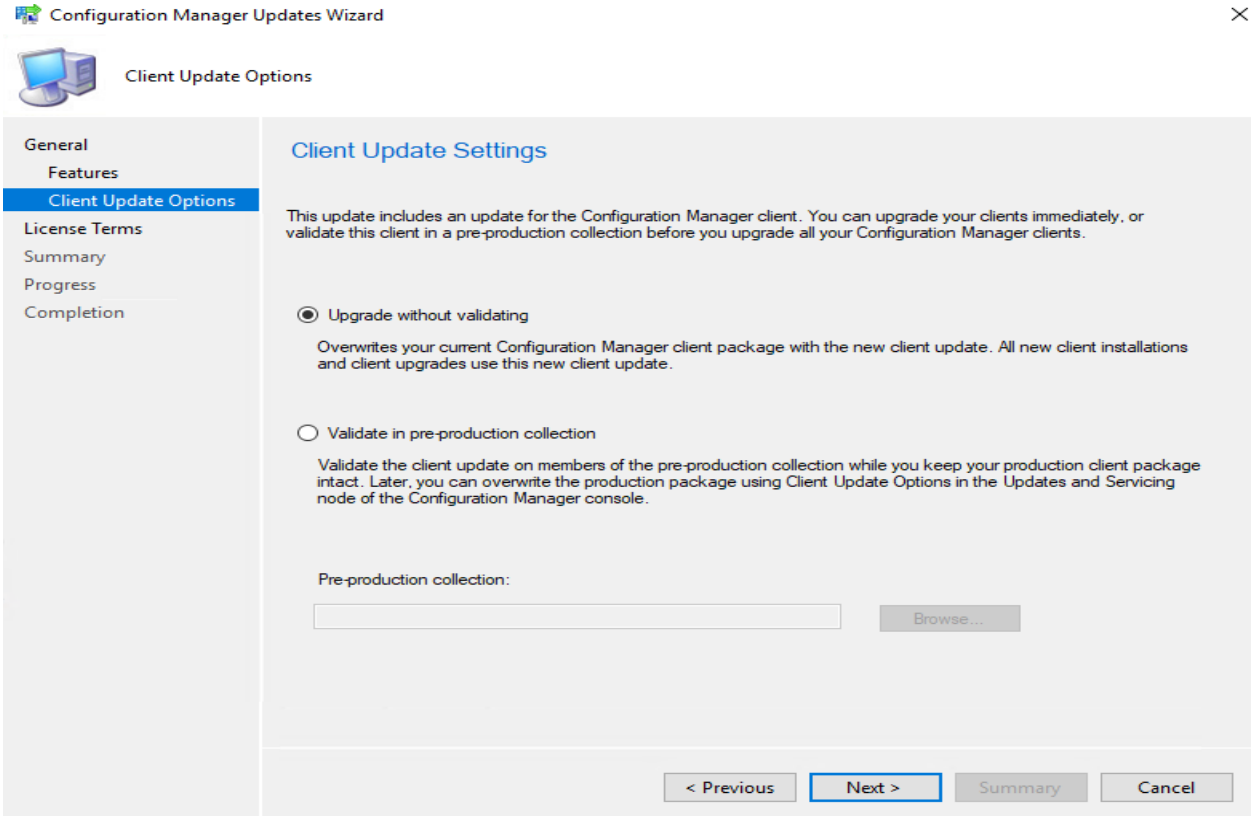
INSTALLING TECHNICAL PREVIEW 1912

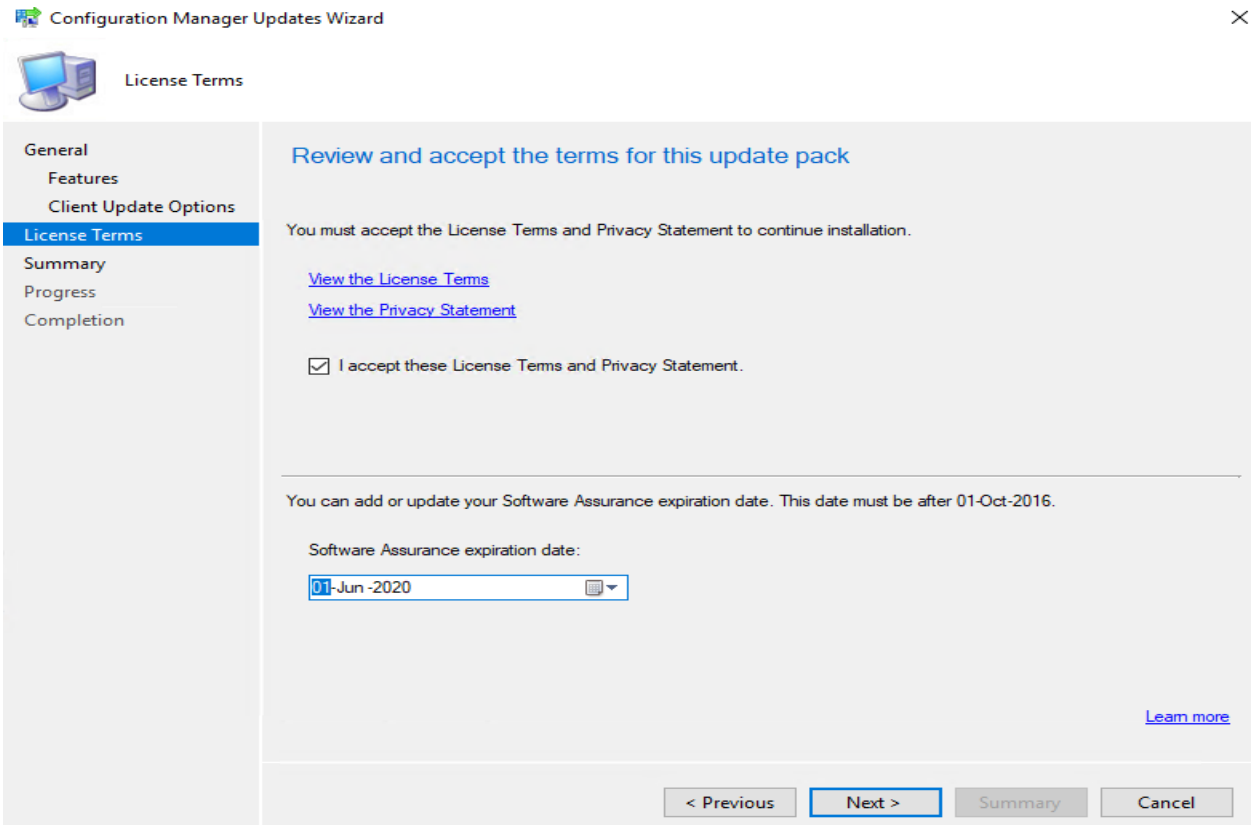
In this post, I will show you the process of installing TP1912.

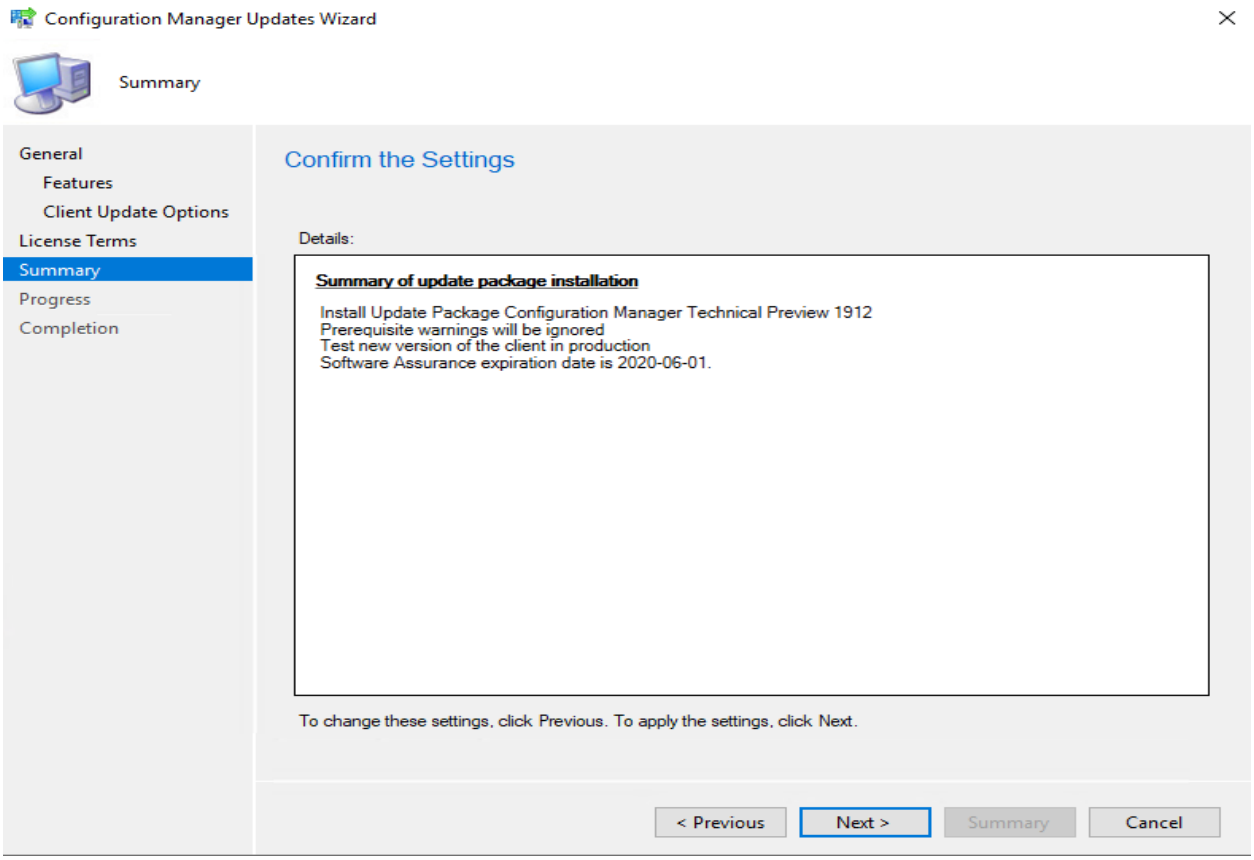


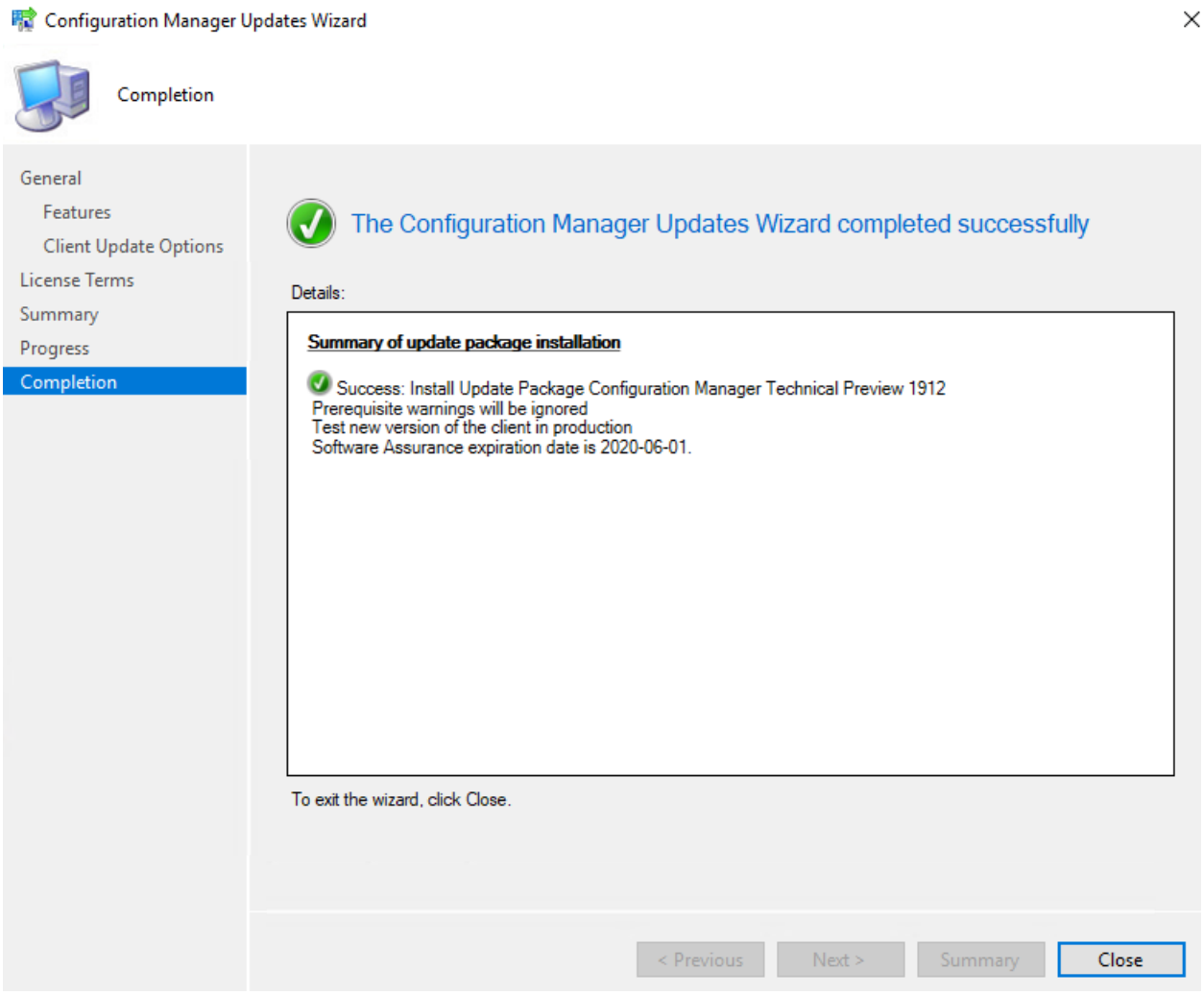


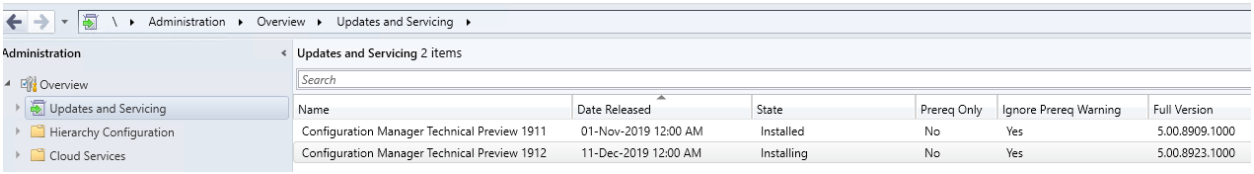

Configuration Manager Updates Wizard
Features
General
Features
Client Update Options
License Terms
Summary
Progress
Completion
Features included in update pack
This update pack includes the following features. Select the features you want to enable now.
Features you don't enable now can be enabled later from the Updates and Servicing node of the Configuration Manager console.
Enable third party update support on clients
Device Health Attestation assessment for compliance policies for conditional access
Package Conversion Manager
Windows Defender Exploit Guard policy
Microsoft Operations Management Suite (OMS) Connector
Task Sequence Debugger
Cloud Management Gateway
Surface Driver Updates
Passport for Work
Application Groups
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

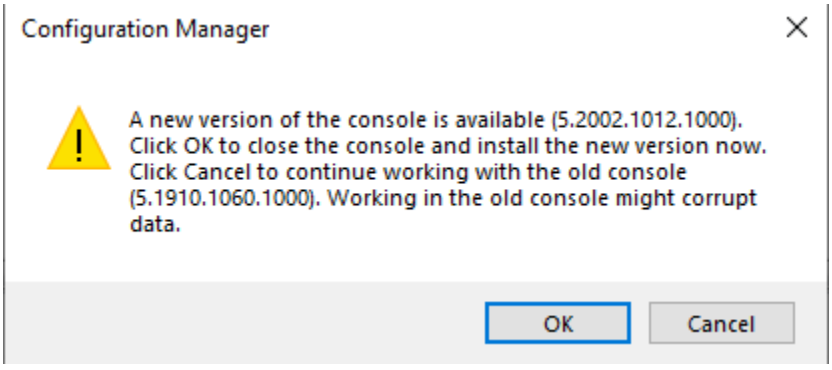

Configuration Manager Updates Wizard
License Terms
General
Features
Client Update Options
License Terms
Summary
Progress
Completion
Review and accept the terms for this update pack
You must accept the License Terms and Privacy Statement to continue installation.
View the License Terms
View the Privacy 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-Jun-2020
Learn more
< Previous
Next >
Summary
Cancel

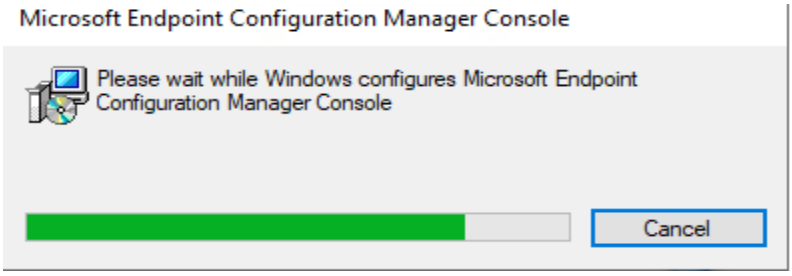

Configuration Manager Updates Wizard
Summary
General
Features
Client Update Options
License Terms
Summary
Progress
Completion
Confirm the Settings
Details:
Summary of update package installation
Install Update Package Configuration Manager Technical Preview 1912
Prerequisite warnings will be ignored
Test new version of the client in production
Software Assurance expiration date is 2020-06-01.
To change these settings, click Previous. To apply the settings, click Next.
< Previous
Next >
Summary
Cancel

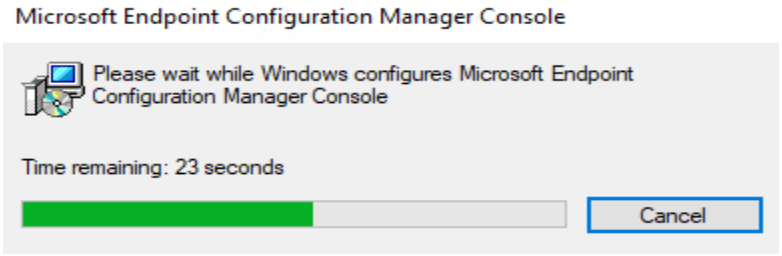




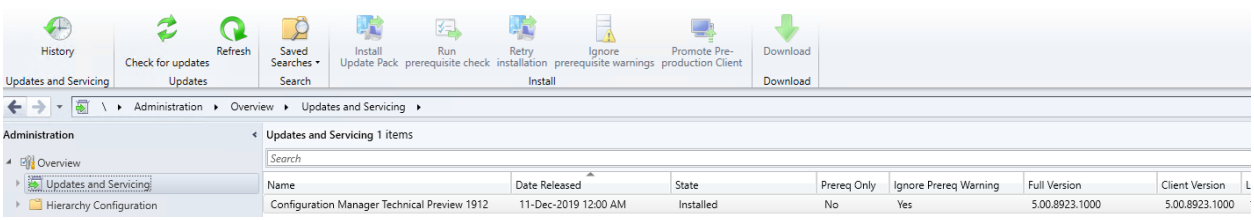
After 45 minutes when you press refresh you will get this pop up



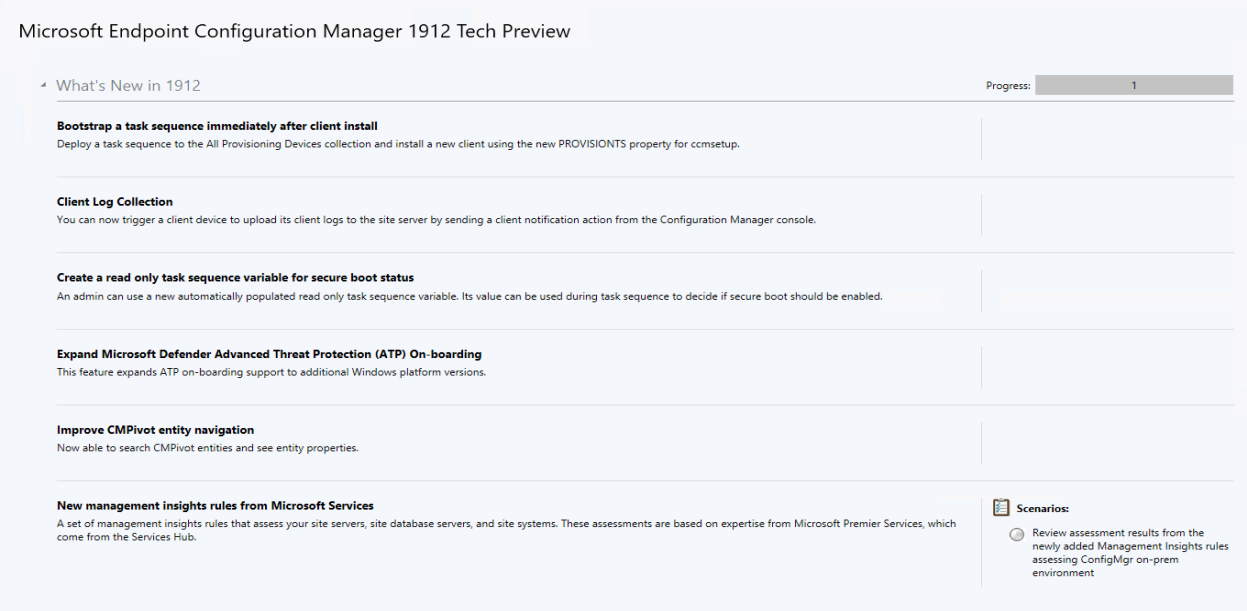

Microsoft Endpoint Configuration Manager Console
Please wait while Windows configures Microsoft Endpoint Configuration Manager Console
Cancel


Microsoft Endpoint Configuration Manager Console
Please wait while Windows configures Microsoft Endpoint Configuration Manager Console
Time remaining: 23 seconds
Cancel

About Microsoft Endpoint Configuration Manager
Microsoft
Microsoft Endpoint Configuration Manager
Microsoft Endpoint Configuration Manager
Version 1912 for Technical Preview
Console version: 5.2002.1012.1000
Site version: 5.0.8923.1000
Support ID:
ea7JJAjdkzXUDFAB4c9br6+mK5oRLZ/PP2NbYUDa+OM=
© Microsoft. All rights reserved.
This program is licensed.
Warning: This computer program is protected by copyright law and international treaties. Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law.
OK


History
Check for updates
Refresh
Saved Searches
Install Update Pack
Run prerequisite check
Retry installation
Ignore prerequisite warnings
Promote Pre-production Client
Download
Updates and Servicing
Updates
Search
Install
Download
Administration
Overview
Updates and Servicing
Hierarchy Configuration
Updates and Servicing 1 items
Search
Name
Date Released
State
Prereq Only
Ignore Prereq Warning
Full Version
Client Version
Configuration Manager Technical Preview 1912
11-Dec-2019 12:00 AM
Installed
No
Yes
5.00.8923.1000
5.00.8923.1000

What is new in this TP1912 release?



NEW FEATURES:

Client Logs: With this feature we will be able to collect logs from individual workstation from the console. Go to Devices – Select the device – Right Click – Collect client logs.

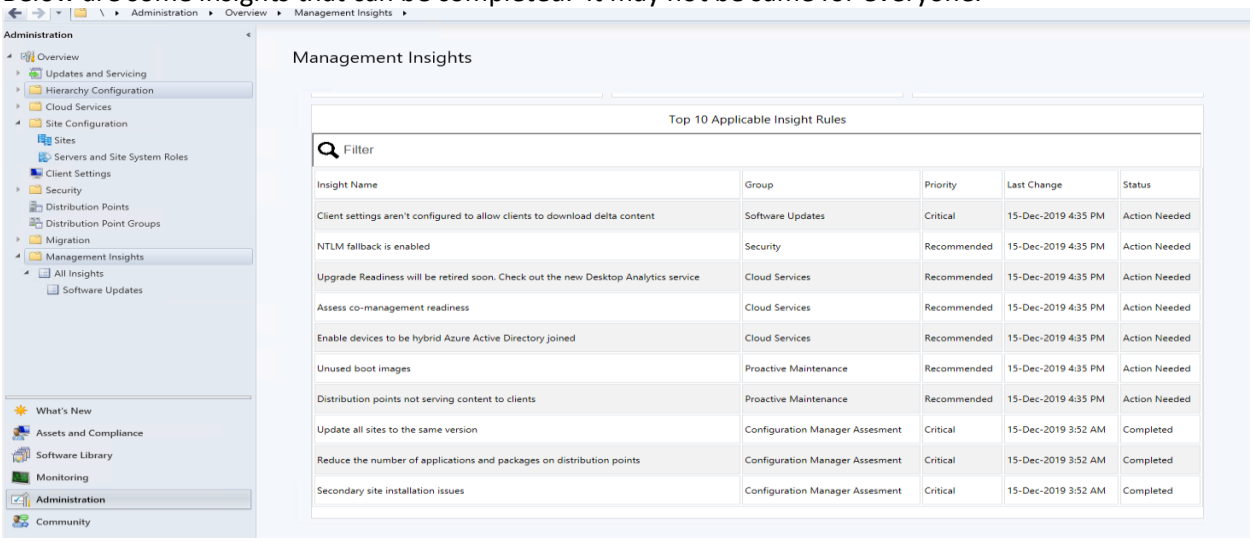
The logs will be saved on the site server and you can open it through CMTRACE.

Bootstrap a task sequence immediately after client registration - When you install and register a new Configuration Manager client, and also deploy a task sequence to it, it's difficult to determine how soon after registration it will run the task sequence. This release introduces a new client setup property that you can use to start a task sequence on a client after it successfully registers with the site.

New management insight rules from Microsoft Services - This release includes additional management insight rules courtesy of Microsoft Premier Field Engineering. These rules are a sample of the many more checks that Microsoft Premier provides in the Services Hub.

- Reduce the number of applications and packages on distribution points
- Update all sites to the same version
- Heartbeat Discovery is disabled
- Long running collection queries enabled for incremental updates
- Secondary site installation issues
- Active Directory System Discovery is configured to run too frequently
- Active Directory Security Group Discovery is configured to run too frequently
- Active Directory User Discovery is configured to run too frequently
- Collections limited to All Systems or All Users

Below are some insights that can be completed. It may not be same for everyone.



Expand Microsoft Defender Advanced Threat Protection (ATP) On-boarding - In this technical preview, we've expanded Microsoft Defender ATP on-boarding support to machines with the following operating systems:

- Windows 7 SP1
- Windows 8.1
- Windows 10, version 1607 or later (Already supported for on-boarding)
- Windows Server 2008 R2 SP1
- Windows Server 2012 R2
- Windows Server 2016
- Windows Server 2016, version 1803
- Windows Server 2019

Improvements to CMPivot - Starting in this technical preview, you can search CMPivot entities and see entity properties.

Improvements to OS deployment - This release includes the following improvements to OS deployment

- Based on your UserVoice feedback, the task sequence environment includes a new read-only variable, _TSSecureBoot. Use this variable to determine the state of secure boot on a UEFI-enabled device.
- You can now set task sequence variables to configure the user context that the Run Command Line and Run PowerShell Script steps use.
- Based on your UserVoice feedback, you can now set the Run PowerShell Script **Parameters** property to a variable.

This concludes the TP1912 install and new features.

Thanks

Ram Lan
15th Dec 2019