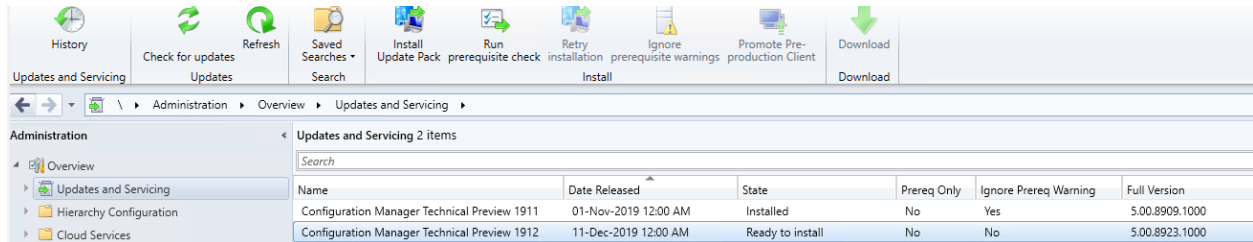
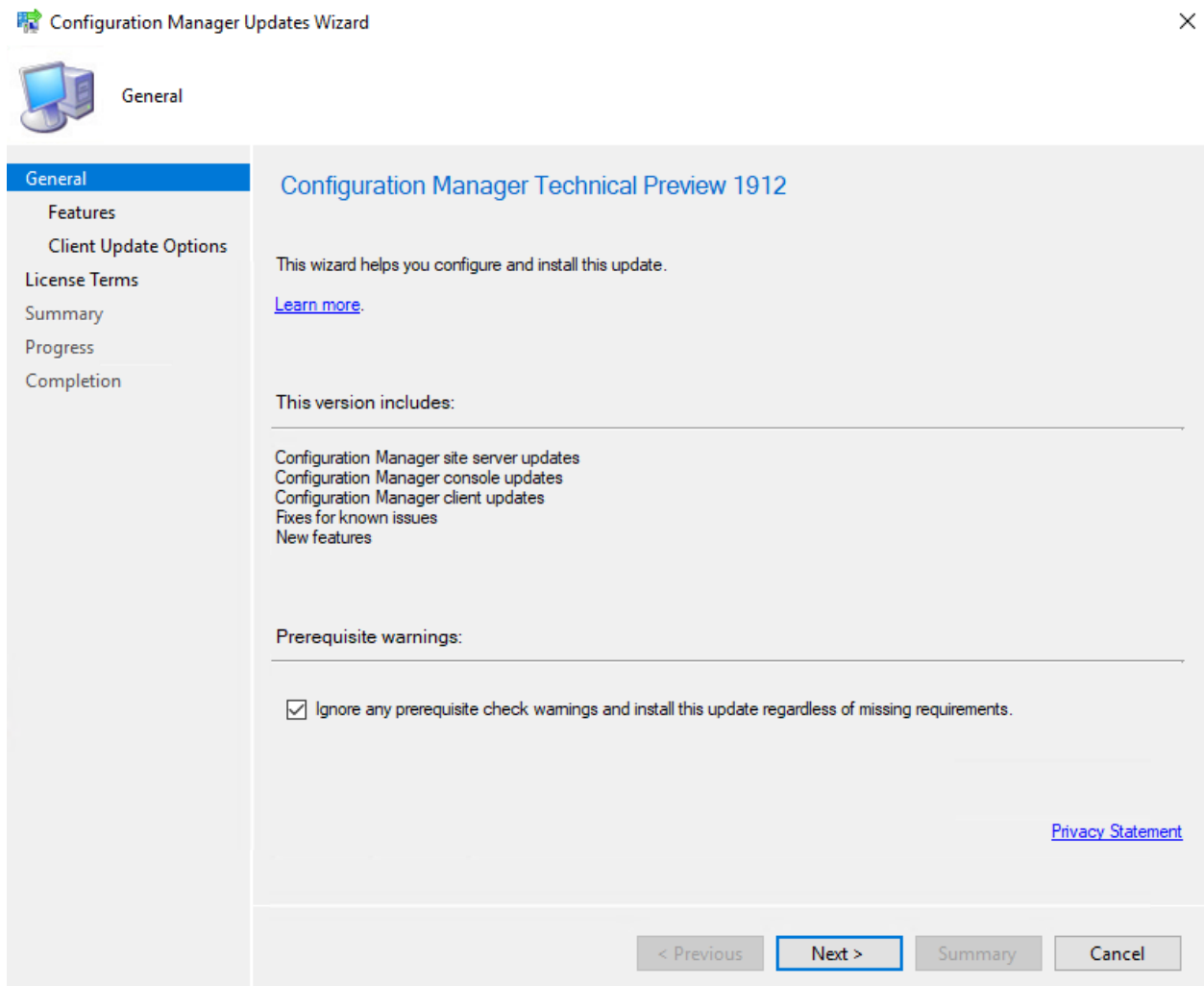


INSTALLING TECHNICAL PREVIEW 1912

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



Name	Date Released	State	Prereq Only	Ignore Prereq Warning	Full Version
Configuration Manager Technical Preview 1911	01-Nov-2019 12:00 AM	Installed	No	Yes	5.00.8909.1000
Configuration Manager Technical Preview 1912	11-Dec-2019 12:00 AM	Ready to install	No	No	5.00.8923.1000



Configuration Manager Updates Wizard

General

Configuration Manager Technical Preview 1912

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](#)

< 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.

- 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



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 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



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 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 exit the wizard, click Close.

< Previous Next > Summary **Close**

Administration > Overview > Updates and Servicing

Administration > Updates and Servicing 2 items

Name	Date Released	State	Prereq Only	Ignore Prereq Warning	Full Version
Configuration Manager Technical Preview 1911	01-Nov-2019 12:00 AM	Installed	No	Yes	5.00.8909.1000
Configuration Manager Technical Preview 1912	11-Dec-2019 12:00 AM	Installing	No	Yes	5.00.8923.1000

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

Configuration Manager ✕

A new version of the console is available (5.2002.1012.1000). Click OK to close the console and install the new version now. Click Cancel to continue working with the old console (5.1910.1060.1000). Working in the old console might corrupt data.

OK **Cancel**

Microsoft Endpoint Configuration Manager Console



Please wait while Windows configures Microsoft Endpoint Configuration Manager Console



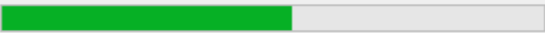
Cancel

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 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:

ea7JJAdkzXUDFAB4c9br6+mK5oRLZ/PP2NbYUDa+OM=

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OK

History | Check for updates | Refresh | Saved Searches | Install Update Pack | Run prerequisite check | Retry installation | Ignore prerequisite warnings | Promote Pre-production Client | Download

Administration > Updates and Servicing > Overview > Updates and Servicing 1 items

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?

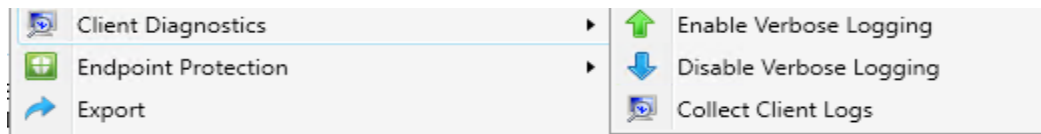
Microsoft Endpoint Configuration Manager 1912 Tech Preview

What's New in 1912 Progress: 1

Bootstrap a task sequence immediately after client install Deploy a task sequence to the All Provisioning Devices collection and install a new client using the new PROVISIONTS property for ccmsetup.	
Client Log Collection You can now trigger a client device to upload its client logs to the site server by sending a client notification action from the Configuration Manager console.	
Create a read only task sequence variable for secure boot status An admin can use a new automatically populated read only task sequence variable. Its value can be used during task sequence to decide if secure boot should be enabled.	
Expand Microsoft Defender Advanced Threat Protection (ATP) On-boarding This feature expands ATP on-boarding support to additional Windows platform versions.	
Improve CMPivot entity navigation Now able to search CMPivot entities and see entity properties.	
New management insights rules from Microsoft Services A set of management insights rules that assess your site servers, site database servers, and site systems. These assessments are based on expertise from Microsoft Premier Services, which come from the Services Hub.	Scenarios: <input type="radio"/> Review assessment results from the newly added Management Insights rules assessing ConfigMgr on-prem environment

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.

The screenshot shows the 'Management Insights' section of a software management console. On the left is a navigation pane with categories like Administration, Overview, Updates and Servicing, Hierarchy Configuration, Cloud Services, Site Configuration, Sites, Servers and Site System Roles, Client Settings, Security, Distribution Points, Distribution Point Groups, Migration, Management Insights, All Insights, and Software Updates. The main area displays 'Top 10 Applicable Insight Rules' in a table with columns for Insight Name, Group, Priority, Last Change, and Status.

Insight Name	Group	Priority	Last Change	Status
Client settings aren't configured to allow clients to download delta content	Software Updates	Critical	15-Dec-2019 4:35 PM	Action Needed
NTLM fallback is enabled	Security	Recommended	15-Dec-2019 4:35 PM	Action Needed
Upgrade Readiness will be retired soon. Check out the new Desktop Analytics service	Cloud Services	Recommended	15-Dec-2019 4:35 PM	Action Needed
Assess co-management readiness	Cloud Services	Recommended	15-Dec-2019 4:35 PM	Action Needed
Enable devices to be hybrid Azure Active Directory joined	Cloud Services	Recommended	15-Dec-2019 4:35 PM	Action Needed
Unused boot images	Proactive Maintenance	Recommended	15-Dec-2019 4:35 PM	Action Needed
Distribution points not serving content to clients	Proactive Maintenance	Recommended	15-Dec-2019 4:35 PM	Action Needed
Update all sites to the same version	Configuration Manager Assessment	Critical	15-Dec-2019 3:52 AM	Completed
Reduce the number of applications and packages on distribution points	Configuration Manager Assessment	Critical	15-Dec-2019 3:52 AM	Completed
Secondary site installation issues	Configuration Manager Assessment	Critical	15-Dec-2019 3:52 AM	Completed

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