

TECHNICAL PREVIEW 1910 – CONFIGURATION MANAGER

In this post, I will show you how to install and explore new TP features from TP1910 which was released for testing on 22nd Oct 2019. I am running TP1909 currently.

The image shows two screenshots from the Microsoft System Center Configuration Manager interface.

The top screenshot is the 'About System Center Configuration Manager' dialog box. It displays the following information:

- Version 1909 for Technical Preview
- Console version: 5.1910.1041.1000
- Site version: 5.0.8884.1000
- 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 button

The bottom screenshot is the 'Updates and Servicing' console view. It shows a table of updates and servicing items. An orange arrow points to the 'Configuration Manager Technical Preview 1910' entry.

Name	Date Released	State	Prereq Only	Ignore Prereq Warning	Full Version	Client Version	Last Update Time
Configuration Manager Technical Preview 1909	26-Sep-2019 12:00 AM	Installed	No	Yes	5.00.8884.1000	5.00.8884.1000	29-Sep-2019 4:59 PM
Configuration Manager Technical Preview 1910	18-Oct-2019 12:00 AM	Ready to install	No	No	5.00.8899.1000	5.00.8899.1000	22-Oct-2019 10:45 PM



General

General

Features

Client Update Options

License Terms

Summary

Progress

Completion

Configuration Manager Technical Preview 1910

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:

31-Dec-2019 

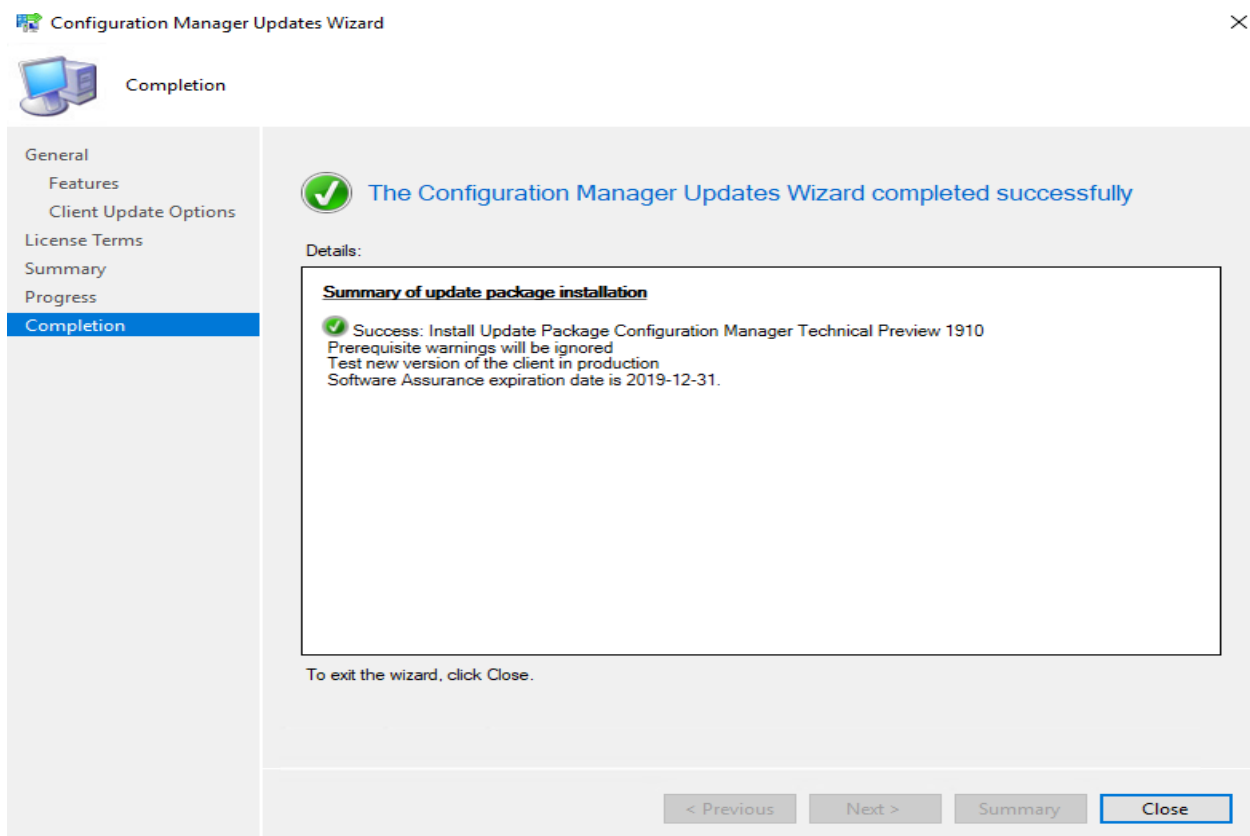
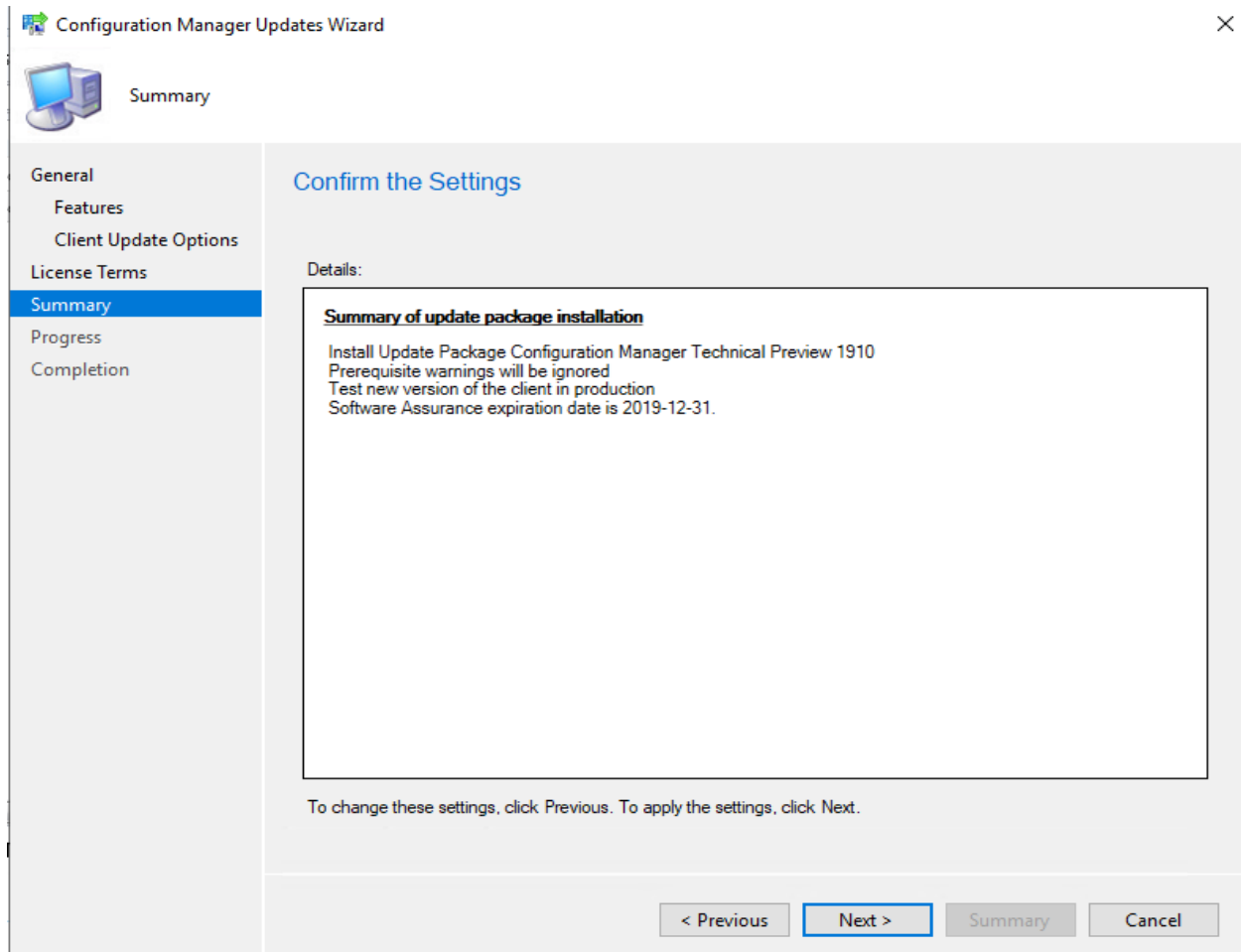
[Learn more](#)

< Previous

Next >

Summary

Cancel



Home

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

A new version of the console is available (5.1910.1055.1000). Working in the old console (5.1910.1041.1000) might corrupt data.

Install the new console version

System Center Configuration Manager Console

Please wait while Windows configures System Center Configuration Manager Console

Gathering required information...

Cancel

All Objects

Saved Searches

Search Settings

Save Current Search

Save Current Search As

Close

Scope

Options

Save

Active Search

What's New

Overview

System Center Configuration Manager 1910 Tech Preview

Welcome to update 1910 for System Center Configuration Manager Technical Preview. Below you can find information about some of the new features and scenarios that are now available for you to try. You can also view which of the new scenarios you have completed for each feature. [Read more](#) about the latest changes in the Technical Preview build.

Please continue to give us feedback! To report any issues you encounter with the latest functionality included in this Technical Preview, use the [Microsoft Connect](#) website. To request a new feature or enhancement, use the [Configuration Manager UserVoice](#) site.

What's New in 1910

Progress: 3

Attach files to feedback

You can now choose to attach log and diagnostic files when you use Send a Frown in the Configuration Manager console to send feedback to Microsoft. This additional information can help us more quickly determine the cause of the problem.

Client Diagnostics Actions

You can now enable or disable verbose logging for a client or management point site system by sending a client notification action from the Configuration Manager console.

Deploy Microsoft Edge, version 77 and later

You can now deploy Microsoft Edge, version 77 and later, on multiple channels and versions through Configuration Manager.

Scenarios:

Create a Microsoft Edge, version 77 and later application using the built-in application experience, which makes Microsoft Edge easier to manage

Include custom configuration baselines as part of compliance policy assessment

You can now add evaluation of custom configuration baselines as a compliance policy assessment rule.

Scenarios:

Create and deploy a compliance policy in Configuration Manager with a rule for baseline compliance policy assessment

About System Center Configuration Manager

Microsoft

Microsoft System Center Configuration Manager

System Center Configuration Manager

Version 1910 for Technical Preview

Console version: 5.1910.1055.1000

Site version: 5.0.8899.1000

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

Administration

Overview

Updates and Servicing

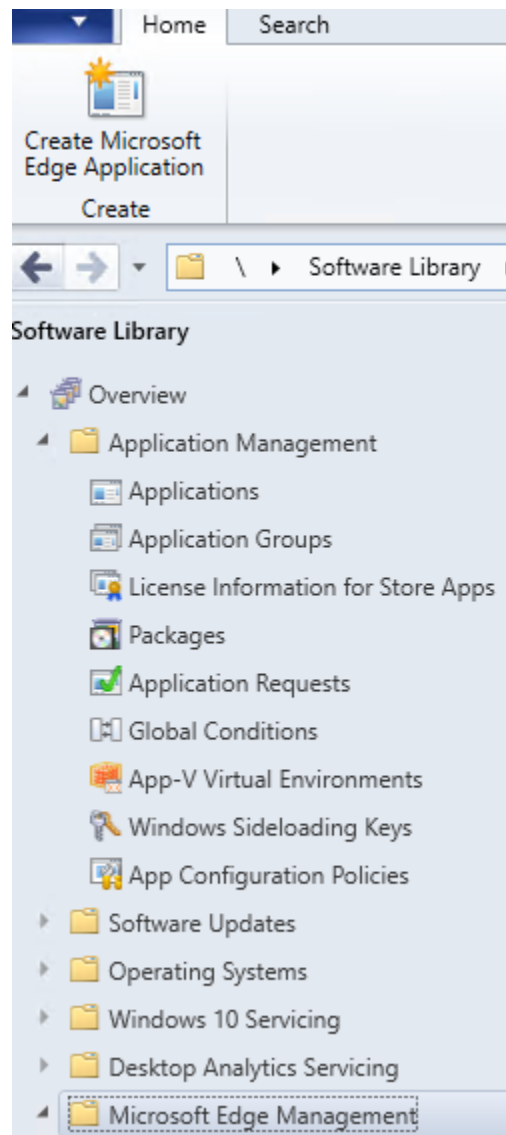
Updates and Servicing 1 items

Name	Date Released	State	Prereq Only	Ignore Prereq Warning	Full Version	Client Version	Last Update Time
Configuration Manager Technical Preview 1910	18-Oct-2019 12:00 AM	Installed	No	Yes	5.00.8899.1000	5.00.8899.1000	23-Oct-2019 10:47 AM

NEW FEATURES:

<https://docs.microsoft.com/en-us/sccm/core/get-started/2019/technical-preview-1910>

MS EDGE:





Application Settings

Application Settings

Specify settings for Microsoft

Deployment

Summary

Progress

Completion

Specify general settings for this application

Name: MS Edge Dev Latest

Description: Latest version of MS Edge for Enterprise level deployment

Content Location: \\p1\Sources\Browser

Browse...

Microsoft Edge client installation files will be downloaded to this location if they do not already exist.

Example: \\Server\Share

< Previous

Next >

Summary

Cancel



Specify settings for Microsoft Edge client

Application Settings

Specify settings for Microsoft

Deployment

Summary

Progress

Completion

Microsoft Edge client settings

Channel:

Dev

Select the version of Microsoft Edge that will be installed on the end user's device.

[Learn More](#)☐ Latest☒ Specific Version

79.0.308.1

79.0.308.1

79.0.301.2

79.0.294.1

79.0.287.3

79.0.287.2

79.0.279.0

78.0.276.2

78.0.268.3

78.0.268.1

78.0.262.0

78.0.249.1

78.0.244.0

< Previous

Next >

Summary

Cancel



Specify settings for Microsoft Edge client

Application Settings

Specify settings for Microsoft Edge client

Deployment

Summary

Progress

Completion

Microsoft Edge client settings

Channel: Dev

Select the version of Microsoft Edge that will be installed on the end user's device.

[Learn More](#)☒ Latest☐ Specific Version

79.0.308.1

< Previous

Next >

Summary

Cancel



Deployment

Application Settings

Specify settings for Microsoft Edge client

Deployment

General

Content

Deployment Settings

Scheduling

User Experience

Alerts

Summary

Progress

Completion

Deploy application now?

Do you want to deploy the application now?

☒ Yes☐ No

< Previous

Next >

Summary

Cancel



General

- Application Settings
- Specify settings for Microsoft Edge
- Deployment
 - General**
 - Content
 - Deployment Settings
 - Scheduling
 - User Experience
 - Alerts
- Summary
- Progress
- Completion

Specify general information for this deployment

Collection:

All Systems

Browse...

☐ Use default distribution point groups associated to this collection☒ Automatically distribute content for dependencies

Comments (optional):

< Previous

Next >

Summary

Cancel



Content

- Application Settings
- Specify settings for Microsoft Edge
- Deployment
 - General
 - Content**
 - Deployment Settings
 - Scheduling
 - User Experience
 - Alerts
- Summary
- Progress
- Completion

Specify the content destination

Distribution points or distribution point groups that the content has been distributed to:

Name

Type

There are no items to show in this view.

Additional distribution points, distribution point groups, and the distribution point groups that are currently associated with collections to distribute content to:

Filter...



Add

Remove

Name

Description

Associations

TP1.RAMLAN.CA

Distribution point

< Previous

Next >

Summary

Cancel



Deployment Settings

Application Settings
Specify settings for Microsoft
Deployment
General
Content
Deployment Settings
Scheduling
User Experience
Alerts
Summary
Progress
Completion

Specify settings to control how this software is deployed

Action: Purpose:

- ☐ Allow end users to attempt to repair this application
- ☐ Pre-deploy software to the user's primary device
- ☐ Send wake-up packets
- ☐ Allow clients on a metered Internet connection to download content after the installation deadline, which might incur additional costs

< Previous

Next >

Summary

Cancel



Scheduling

Application Settings
Specify settings for Microsoft
Deployment
General
Content
Deployment Settings
Scheduling
User Experience
Alerts
Summary
Progress
Completion

This application will be available as soon as it has been distributed to the content server(s) unless it is scheduled for a later time below. Specify the installation deadline if this is a required application. This deadline is when the application must be installed on the device, including a system restart if necessary.

Time based on: ☐ Schedule the application to be available at:

Installation deadline:

☒ As soon as possible after the available time☐ Schedule at:

☐ Delay enforcement of this deployment according to user preferences, up to the grace period defined in client settings.

< Previous

Next >

Summary

Cancel



User Experience

Application Settings
Specify settings for Microsoft Edge
Deployment
General
Content
Deployment Settings
Scheduling
User Experience
Alerts
Summary
Progress
Completion

Specify the user experience for the installation of this software on the selected devices

Specify user experience setting for this deployment

User notifications:

Display in Software Center and show all notifications

☒ When software changes are required, show a dialog window to the user instead of a toast notification

When the installation deadline is reached, allow the following activities to be performed outside the maintenance window:

☐ Software Installation☐ System restart (if required to complete the installation)

Write filter handling for Windows Embedded devices

☒ Commit changes at deadline or during a maintenance window (requires restarts)

If this option is not selected, content will be applied on the overlay and committed later.

< Previous

Next >

Summary

Cancel



Alerts

Application Settings
Specify settings for Microsoft Edge
Deployment
General
Content
Deployment Settings
Scheduling
User Experience
Alerts
Summary
Progress
Completion

Specify Configuration Manager and Operations Manager alert options

Configuration Manager generates alerts when this application is deployed.

Threshold for successful deployment

☒ Create a deployment alert when the threshold is lower than the following:

Percent success:

10

After:

03-Nov-2019

4:48 AM

Threshold for failed deployment

☐ Create a deployment alert when the threshold is higher than the following:

Percent failure:

0

Enable System Center Operations Manager maintenance mode if you want Operations Manager to generate alerts when this application is deployed.

☒ Enable System Center Operations Manager maintenance mode☒ Generate System Center Operations Manager alert when a software installation fails

< Previous

Next >

Summary

Cancel



Summary

- Application Settings
Specify settings for Microsoft Edge
Deployment
- General
 - Content
 - Deployment Settings
 - Scheduling
 - User Experience
 - Alerts
 - Summary**
 - Progress
 - Completion

Confirm the settings

Details:

- Application Settings
- Application name: MS Edge Dev Latest
 - Administrator comments: Latest version of MS Edge for Enterprise level deployment
 - Content Location: \\tp1\Sources\Browser
- Deployment Settings
- Channel: Dev
 - Version: 79.0.308.1
- General
- Collection: All Systems
 - Use default distribution point groups associated to this collection: False
 - Automatically distribute content for dependencies: True
- Content (1):
- TP1.RAMLAN.CA
- Deployment Settings
- Action: Install
 - Purpose: Required
 - Pre-deploy software to the user's primary device: False
 - Send wake-up packets: False
 - Allow clients to use a metered Internet connection to download content: False
- Scheduling
- Time based on: UTC
 - Available Time: As soon as possible
 - Deadline Time: Disabled
 - Delayed enforcement on deployment Disabled

User Experience

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

< Previous

Next >

Summary

Cancel



Completion

- Application Settings
Specify settings for Microsoft Edge
Deployment
- General
 - Content
 - Deployment Settings
 - Scheduling
 - User Experience
 - Alerts
 - Summary
 - Progress
 - Completion**



The Microsoft Edge Client Installation Wizard completed successfully

Details:

- Application Settings
- Application name: MS Edge Dev Latest
 - Administrator comments: Latest version of MS Edge for Enterprise level deployment
 - Content Location: \\tp1\Sources\Browser
- Deployment Settings
- Channel: Dev
 - Version: 79.0.308.1
- General
- Collection: All Systems
 - Use default distribution point groups associated to this collection: False
 - Automatically distribute content for dependencies: True
- Success: Content (1):
- TP1.RAMLAN.CA
- Deployment Settings
- Action: Install
 - Purpose: Required
 - Pre-deploy software to the user's primary device: False
 - Send wake-up packets: False
 - Allow clients to use a metered Internet connection to download content: False
- Scheduling
- Time based on: UTC
 - Available Time: As soon as possible
 - Deadline Time: Disabled

To exit the wizard, click Close.

< Previous

Next >

Summary

Close

TP1 > OS (C:) > Sources > Browser > 79.0.308.1 > X64

Name	Date modified	Type	Size
Install-Edge	17-Oct-2019 10:57...	Windows PowerShell Script	14 KB
MicrosoftEdgeDevEnterpriseX64	27-Oct-2019 4:52 ...	Windows Installer Package	71,428 KB


```
1 param
2 (
3     [parameter(Mandatory=$true)]
4     [ValidateNotNullOrEmpty()]$MSIName,
5
6     [parameter(Mandatory=$true)]
7     [ValidateNotNullOrEmpty()]$ChannelID
8 )
9
10 # Registry value name is in the format "Update<{ChannelID}>" where ChannelID is the GUID
11 Set-Variable -Name "AutoUpdateValueName" -Value "Update$ChannelID" -Option Constant
12 Set-Variable -Name "RegistryPath" -Value "HKLM:\SOFTWARE\Policies\Microsoft\EdgeUpdate" -Option Constant
13
14 # Test if the registry key exists. If it doesn't, create it
15 $EdgeUpdateRegKeyExists = Test-Path -Path $RegistryPath
16
17 if (!$EdgeUpdateRegKeyExists)
18 {
19     New-Item -Path $RegistryPath
20 }
21
22 # See if the autoupdate value exists
23 if (!(Get-ItemProperty -Path $RegistryPath -Name $AutoUpdateValueName -ErrorAction SilentlyContinue))
24 {
25     New-ItemProperty -Path $RegistryPath -Name $AutoUpdateValueName -Value 0 -PropertyType DWord
26 }
27
28 $AutoUpdateValue = (Get-ItemProperty -Path $RegistryPath -Name $AutoUpdateValueName).$AutoUpdateValueName
29
30 # If the value is not set to 0, auto update is not turned off, this is a failure
31 if ($AutoUpdateValue -ne 0)
32 {
33     Write-Host "Autoupdate value set incorrectly"
34     return -1
35 }
36 # Else install the Edge MSI
37 else
```

PS C:\Sources\Browser\79.0.308.1\X64>

CLIENT DIAGNOSTICS:

Client Diagnostics Actions

You can now enable or disable verbose logging for a client or management point site system by sending a client notification action from the Configuration Manager console.

The screenshot shows the Configuration Manager console with a list of devices. A right-click context menu is open for the 'TP1' device. The 'Client Diagnostics' option is highlighted, and a sub-menu is displayed with 'Enable Verbose Logging' and 'Disable Verbose Logging' options. The 'Enable Verbose Logging' option is selected and highlighted with a red box.

Configuration Manager



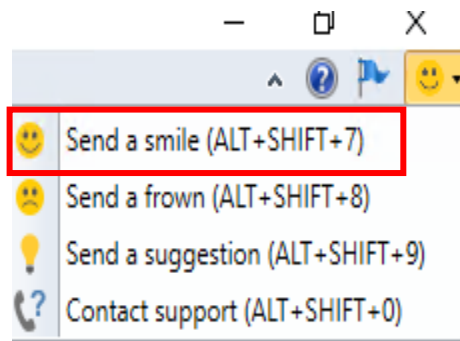
The client you selected is not online. Click OK to send the notification or click Cancel.

OK

Cancel

ATTACH FILES – FEEDBACK:

In this TP1910 customers can attach files to their feedback to improve the product with new features request.



😊 Provide feedback ×

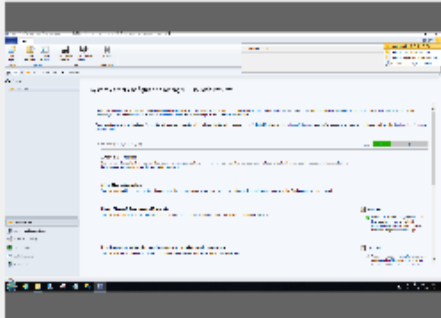
We ♥ feedback! What did you like?

Tell us what you liked

☒ Include e-mail address ×

By including your e-mail address, you agree that Microsoft can send you e-mail if we have questions about your feedback.

☒ Include screenshot



[Your privacy is important to us.](#)

Your feedback is collected by Microsoft and used to improve your experience.


No Internet connectivity?

[Save feedback for later submission](#)


[More information on offline feedback](#)

CUSTOM CB and Policy:

You can now add evaluation of custom configuration baselines as a compliance policy assessment rule

 **Create Configuration Baseline** ✕

Specify general information about this configuration baseline

 **Name:**

Description:

Select the configuration data (configuration items, configuration baselines, and software updates) to be evaluated for compliance by this configuration baseline. This configuration baseline will be assessed as compliant if all the items specified are compliant. Optional items are evaluated only if the relevant application is present on the client devices.

Configuration data:

Name	Type	Purpose	Revision
O365 Channel	Operating System	Required	Latest


☐ Always apply this baseline even for co-managed clients

☐ Evaluate this baseline as part of compliance policy assessment

Assigned categories to improve searching and filtering:

► Overview ► Compliance Settings ► Compliance Policies ►

Compliance Policies 1 items

Icon	Name	Re
	O365	1

O365

O365 Properties ✕

General Supported Platforms Rules Security

Create rules that define the configuration devices must have in order to be considered compliant.

Rules:

Rule Type	Operator	Value
Include configured baselines in compli...	Equals	True

VIRTUAL DESKTOP:

Configuration Manager current branch version 1906 introduced support for Windows Virtual Desktop. If you require user policy in this scenario, and accept any potential performance impact, you can now configure a client setting to enable user policy. In the Client Policy group, configure the following setting: Enable user policy for multiple user sessions.

The screenshot shows the 'Default Settings' dialog box in Configuration Manager. The left sidebar lists various settings categories, with 'Client Policy' selected. The main pane is titled 'Default Settings' and contains a list of settings. The 'Device Settings' section is expanded, showing four settings. The setting 'Enable user policy for multiple user sessions' is highlighted with a red rectangle, and its value is set to 'Yes'.

Default Settings

Specify settings that apply to all clients in the hierarchy, and can be modified by custom settings.

Specify how client computers retrieve policy.

Device Settings

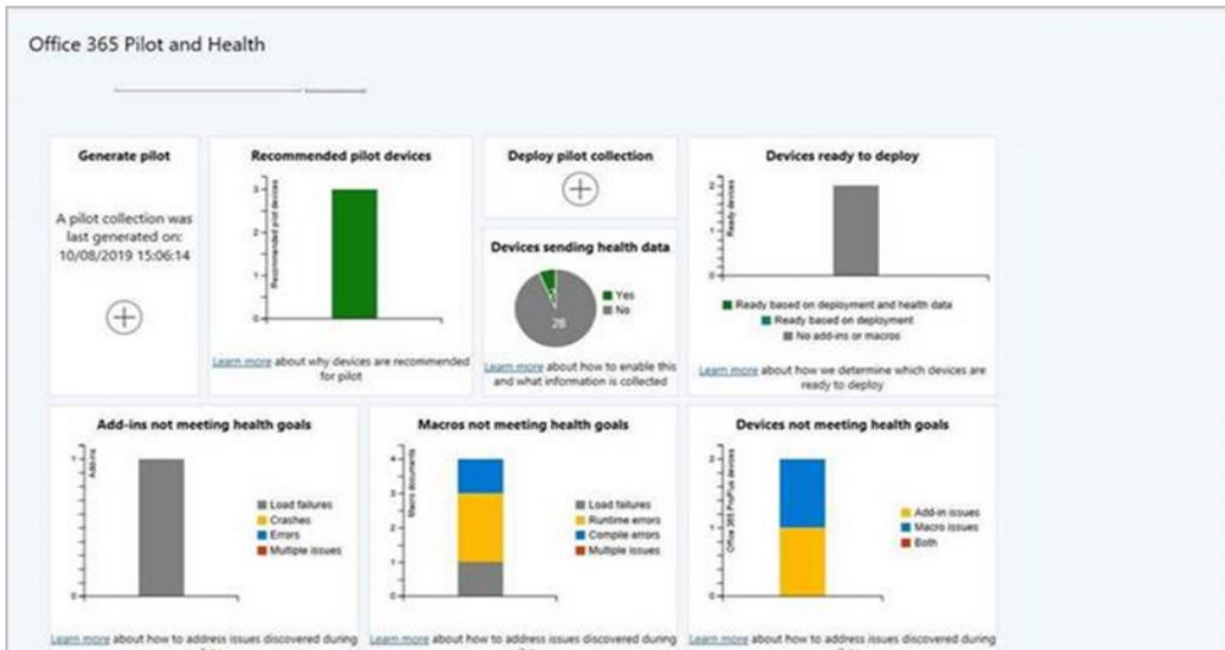
Client policy polling interval (minutes)	60
Enable user policy on clients	Yes
Enable user policy requests from Internet clients	No
Enable user policy for multiple user sessions	Yes

OK Cancel

Office 365 Dashboard

There's a new experience to help admins create pilot collections for getting started with Office 365 ProPlus deployments. We know from customer feedback that many enterprises don't immediately deploy Office 365 ProPlus. Instead, they prefer to run a pilot on a small set of devices before completing their rollout. The **Office 365 ProPlus Pilot and Health Dashboard** provides a recommendation for pilot devices based on add-in inventory.

To access the dashboard, go to **Software Library > Office 365 Client Management > Office 365 Pilot and Health**.



Reclaim SEDO lock:

If the Configuration Manager console stops responding, you can be locked out of making further changes until the lock expires after 30 minutes. This lock is part of the Configuration Manager SEDO (Serialized Editing of Distributed Objects) system. For more information, see [Configuration Manager SEDO](#).

Starting in [current branch version 1906](#), you could clear your lock on a task sequence. Starting in this technical preview release, you can clear your lock on any object in the Configuration Manager console.

This action only applies to your user account that has the lock, and on the same device from which the site granted the lock. When you attempt to access a locked object, you can now **Discard Changes**, and continue editing the object. These changes would be lost anyway when the lock expired.

System Center Configuration Manager 1910 Tech Preview

Welcome to update 1910 for System Center Configuration Manager Technical Preview. Below you can find information about some of the new features and scenarios that are now available for you to try. You can also view which of the new scenarios you have completed for each feature. [Read more](#) about the latest changes in the Technical Preview build.

Please continue to give us feedback! To report any issues you encounter with the latest functionality included in this Technical Preview, use the [Microsoft Connect](#) website. To request a new feature or enhancement, use the [Configuration Manager UserVoice](#) site.

← What's New in 1910

Progress: 3

This concludes exploring all new features of TP1910.

Thanks

Ram Lan

27th Oct 2019