


# What's new in Configuration Manager >1804 TP

System Center Configuration Manager 1804 Tech Preview

Welcome to update 1804 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.

4 What's New in 1804 Progress:  7

**Configuration Manager Toolkit Tools**  
The Configuration Manager Server and Client tools are now included with the Technical Preview. After you install the Technical Preview, you will find them in the cd.latest\SMSSETUP\Tools folder.

Jörgen Nilsson  
Onevinn

# Key Takeaways

- Infrastructure improvements
- Client improvements
- Management improvements
  
- Great engineering!
  
- The future of ConfigMgr...



# Infrastructure Improvements

# PXE Improvements

- Enable PXE on Client DP's (TP1802)
- No WDS requirements
- Full IPV6 support

More Information:

<https://www.ronnipedersen.com/2017/11/19/sccm-enable-desktop-clients-as-pxe-servers/>

## Custom Device Settings



Specify the settings for devices. These settings override the default settings when they are assigned to a collection.

Specify client cache settings and whether clients can obtain content from a peer. The client cache size can expand to the maximum size in MB or the percentage of the disk, which

Manager client in full OS to share content

Port for initial network broadcast 8004

Port for content download from peer 8003

Enable PXE responder service Yes

Enable support for unknown computers Yes

Create a self-signed certificate or import a PKI client certificate. Self-signed certificate is provided, expiration date: 2018-12-16 10:33:29

Require password when computers use PXE No

Password (none)

Specify the PXE server response delay (seconds) 1

TFTP block size (bytes) 4096

TFTP window size 4

Certificate ...

Password ...

# Delivery Optimization

- DO group ID per Boundary group
- Design change!
- Other
  - Peer Cache
  - Branch Cache

Background Intelligent Transfer  
Client Cache Settings  
Client Policy  
Cloud Services  
Compliance Settings  
Computer Agent  
Computer Restart  
Delivery Optimization  
Endpoint Protection  
Enrollment  
Hardware Inventory  
Metered Internet Connections

## Default Settings



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

Specify delivery optimization settings for client computers.

## Device Settings

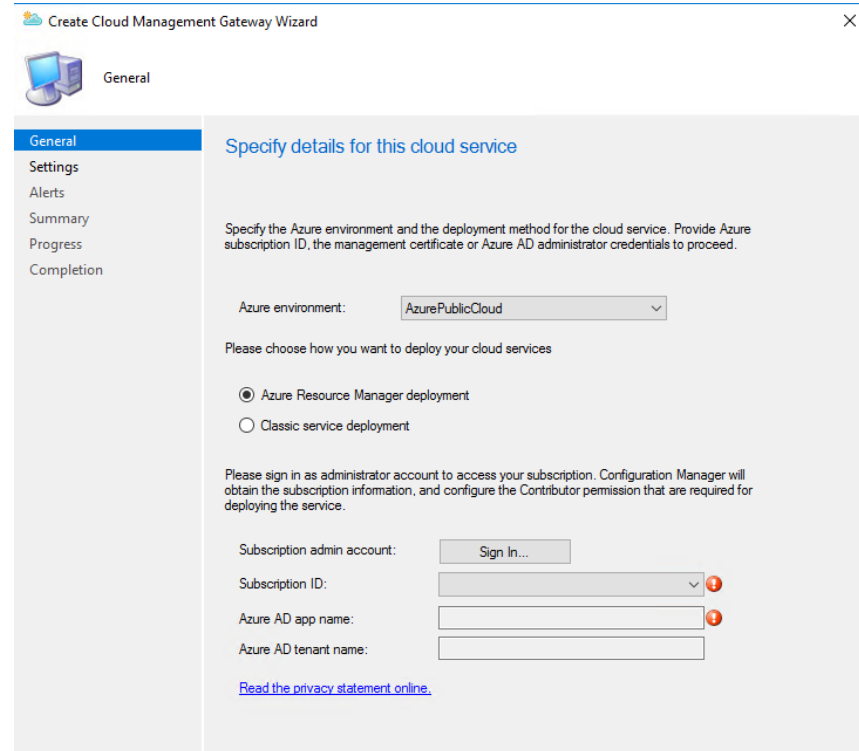


Use Configuration  
Manager Boundary  
Groups for Delivery  
Optimization Group ID.  
[More information](#)

Yes

# Cloud Management Gateway

- ARM / Azure Resource Manager
- Still Support for Classic deployment
  
- Migration:
  - Wipe and Load
  
- Now supports
  - User-targeted apps
  - Task Sequence Deployment



The screenshot shows the 'Create Cloud Management Gateway Wizard' window, specifically the 'General' tab. The window title is 'Create Cloud Management Gateway Wizard'. The left sidebar contains a navigation menu with the following items: 'General' (selected), 'Settings', 'Alerts', 'Summary', 'Progress', and 'Completion'. The main content area is titled 'Specify details for this cloud service'. It contains the following fields and options:

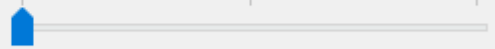
- Azure environment:** A dropdown menu with 'AzurePublicCloud' selected.
- Deployment method:** Radio buttons for 'Azure Resource Manager deployment' (selected) and 'Classic service deployment'.
- Subscription admin account:** A 'Sign In...' button.
- Subscription ID:** A dropdown menu with a red information icon.
- Azure AD app name:** A text input field with a red information icon.
- Azure AD tenant name:** A text input field.

Below the input fields, there is a note: 'Please sign in as administrator account to access your subscription. Configuration Manager will obtain the subscription information, and configure the Contributor permission that are required for deploying the service.' At the bottom, there is a link: [Read the privacy statement online.](#)

# Co-Management



Windows Update policies:

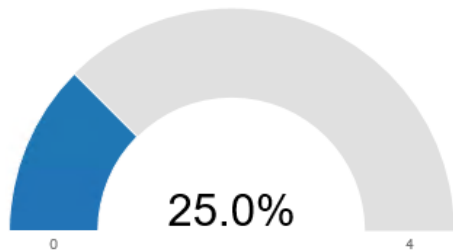


Endpoint Protection:

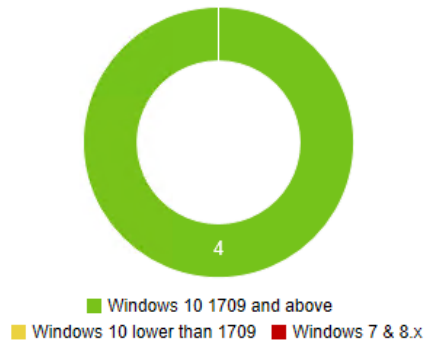


# Co-management

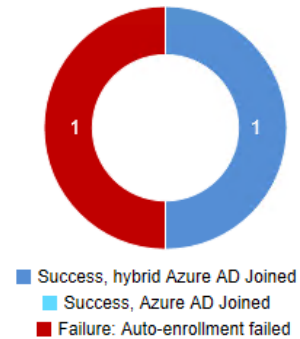
### Co-managed devices



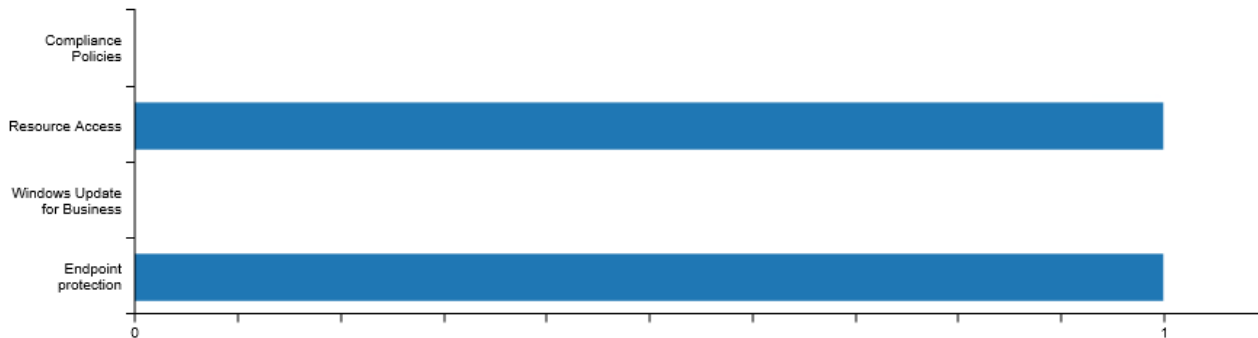
### Client OS Distribution



### Co-management Status



### Workload Transition





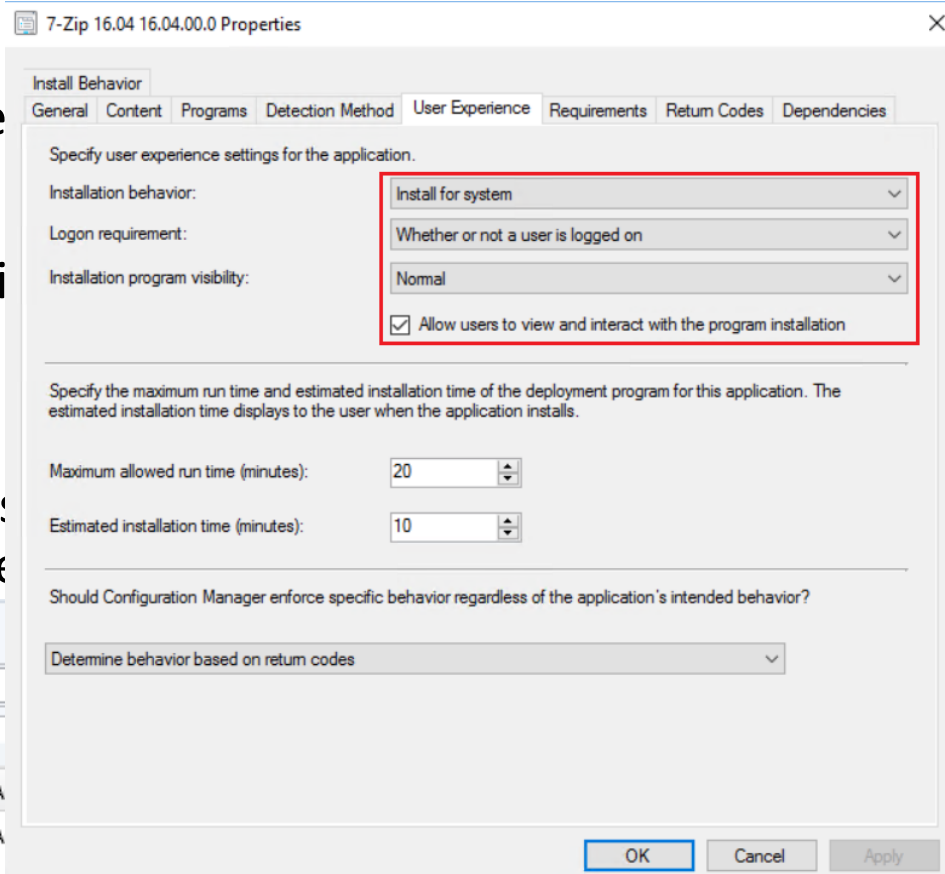
# Site Server improvements

- Site Server Role High Availability
- Remote site server content library
- Reassign distribution point
- Improved support for CNG certificates

# Client Improvements

# Application Improvements

- Superseede
- Allow users
- Install multi
- Approve ap  
per device
- Applications  
declined are



Approval Requests 2 items

Search

Icon	Application	User
	Orca	INTRA\A
	Orca	INTRA\A



## Applications

Updates

Operating Systems

Installation status

Options

All Required






Filter: All

Sort by: Most recent

Search

Install Selected



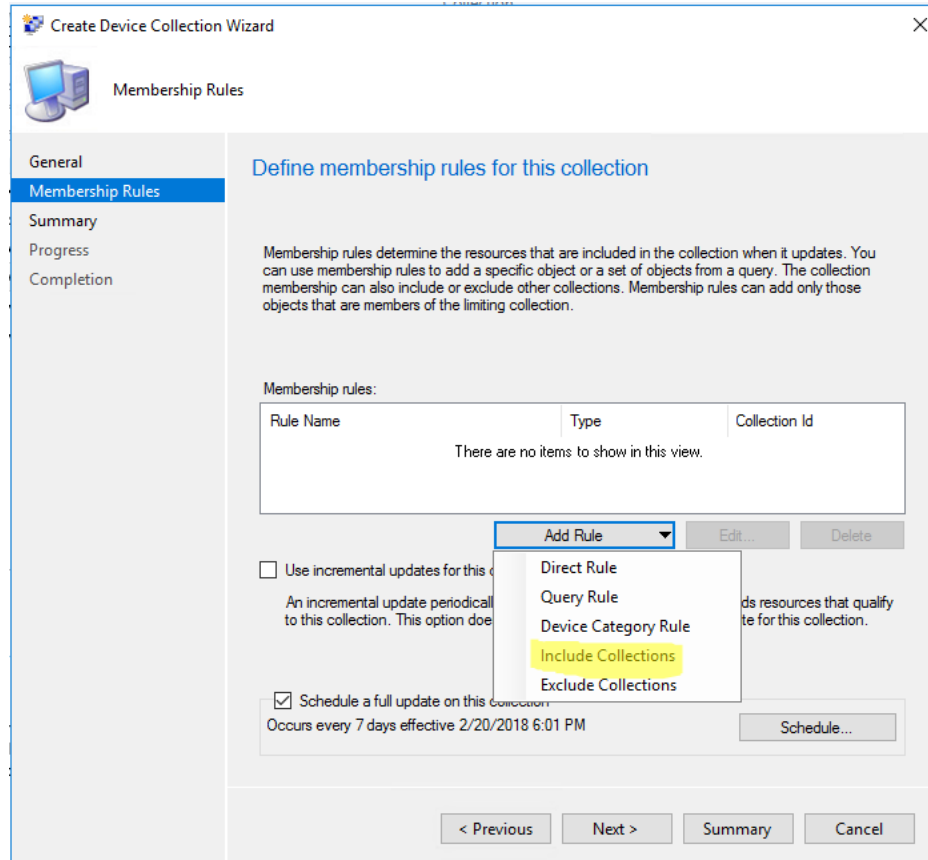
	Name	Publisher	Version	Status
<input type="checkbox"/>	 Download			Installe
<input type="checkbox"/>	 Office 365 current channel			Availat
<input type="checkbox"/>	 Windows 10 1709			Availat
<input type="checkbox"/>	 Office 365 EN			Installe
<input type="checkbox"/>	 Bginfo			Past di

# OS In-place upgrade over the Internet

- Windows 10 In-place upgrade over the Internet
  - Using Task Sequence
- Requirements
  - Cloud Management Gateway (CMG)
  - Cloud Distribution Point (CDP)

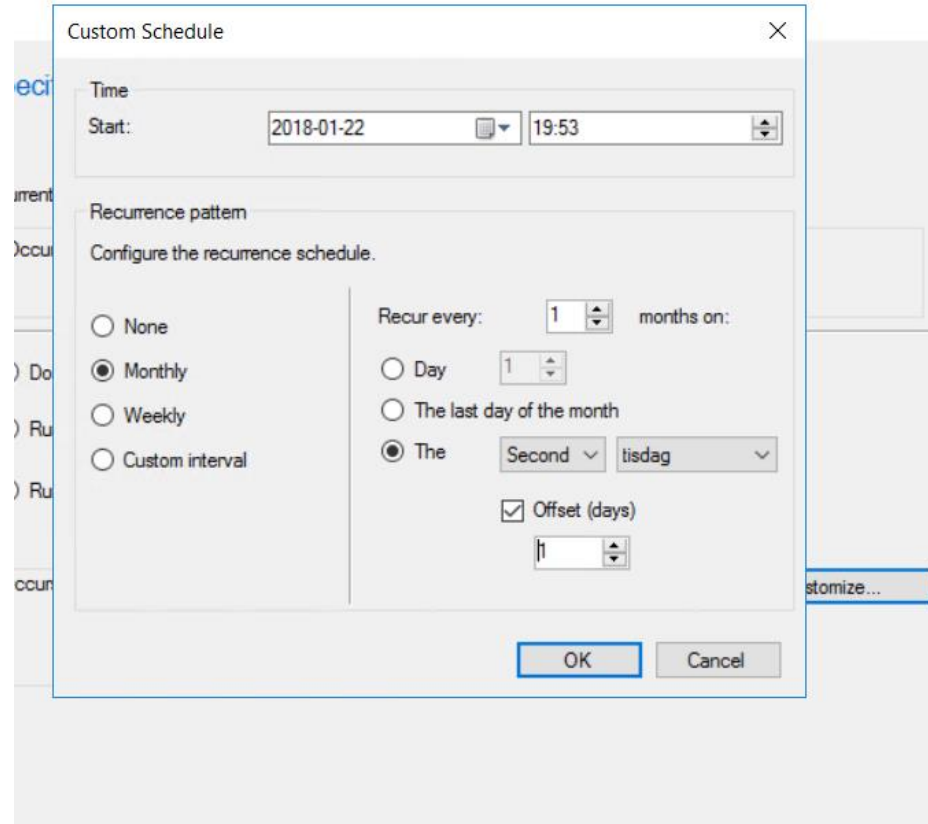
Management improvements

# Renamed Collections



# ADR improvements

- ADR Offset
- Filter on architecture (1804TP)





# Primary Users

The screenshot shows the Microsoft Endpoint Manager console. The breadcrumb navigation is Assets and Compliance > Overview > Devices. The left-hand navigation pane shows the 'Devices' section selected. The main area displays a table of 28 devices. The 'Primary User(s)' column for the device 'CMTMP002' is highlighted with a red box, showing the values 'INTRA\Bob, INTRA\Johan,'.

Icon	Name	Client	Primary User(s)	Site Code
	CCMDC1	Yes		TP4
	CCMTP	No		
	CCMTP1	No		
	CCMTP2	No		
	CM1	No		
	CMMP1	No		
	CMTMP	No		
	CMTMP001	Yes	intra\bob,	TP4
	CMTMP002	Yes	INTRA\Bob, INTRA\Johan,	TP4
	CMTMP2	No		
	CMTMP3	No		
	CMTMP4	Yes		TP4

# Last Logged on user column

Devices 28 items

Search



Search

Icon	Name	Client	Primary User(s)	Site Code	Client Activity	Last Logged on User	Last Logon Timestamp
	CMTP3	No					
	CMTP2	No					
	CMTP	No					
	CMMP1	No					
	CM1	No					
	CCMTP2	No					
	CCMTP1	No					
	CCMTP	No					
	x64 Unknown Computer...	No		TP4			
	CMTP4	Yes		TP4	Active	administrator	2017-12-13 19:48:51
	CMTP002	Yes	INTRA\Bob,INTRA\Johan,	TP4	Active	administrator	2017-11-20 14:16:40
	CCMDC1	Yes		TP4	Active	Administrator	2017-12-10 15:29:29
	CMTP001	Yes	intra\bob,	TP4	Active	bob	2017-12-16 08:29:53



General

Task

General

Deployment Settings

Scheduling

User Experience

Alerts

Distribution Points

Summary

Progress

Completion

## Specify general information for this deployment

Task sequence:

Custom Task sequence 2

Browse...

Collection:



Browse...

 Use default distribution point groups associated to this collection

 Automatically distribute content for dependencies

 Pre-download content for this task sequence

Select a previously saved deployment template that defines configuration settings for this deployment. Before you complete this wizard, you have the option to save the current configurations as a new deployment template.

Select Deployment Template...

Comments (optional):

&lt; Previous

Next &gt;

Summary

Cancel

- Task
- Upd
- Impl
- thro
- Hide
- Vari

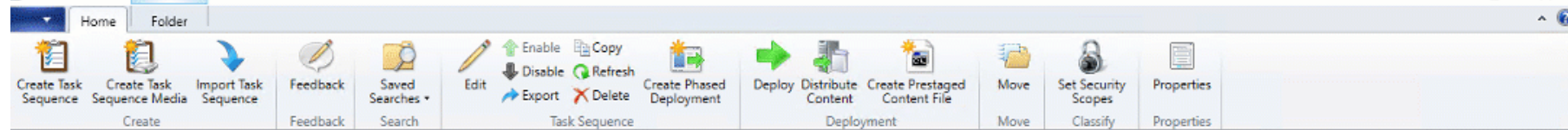
Windows 10 Upgra

Add ▾ | Remove

- Prepare for
- Check I
- Batter
- Netwo
- Remov
- Remov
- Remov

t

ing system.



Software Library > Overview > Operating Systems > Task Sequences

Software Library > Task Sequences 6 items

Search  Search Add Criteria

Icon	Name	Description	Package ID	Date Created
	Custom Task sequence 2		TP40001A	2017-11-17 15:31
	Custom TS		TP400015	2017-10-24 11:19
	Deploy Windows 10 1703		TP40000A	2017-06-26 11:13
	Deploy Windows 10 1709		TP400017	2017-10-31 10:05
	Download Boot Image		TP40001B	2017-12-16 08:28
	Windows 10 1709 Upgrade		TP40001E	2018-01-23 11:10

### Windows 10 1709 Upgrade

#### Summary

Name: Windows 10 1709 Upgrade  
 Description:  
 Package ID: TP40001E  
 Package Type: 4

#### Related Objects

Deployments

Summary | References | Deployments | Phased Deployments

# Edge Policies

- Configure Edge settings

The screenshot displays the Microsoft Edge Browser Profiles configuration interface. On the left, a navigation pane under 'Assets and Compliance' shows 'Microsoft Edge Browser Profiles' selected. The main area is titled 'Microsoft Edge Browser Profiles 0 items' and contains a table with columns for 'Icon', 'Name', 'Revision', 'Deployed', and 'Date Modified'. Below the table is a 'Create Microsoft Edge Browser Policy' dialog box. The dialog has a 'Settings' tab selected, showing a list of settings for 'Configure Microsoft Edge Browser settings'. Each setting is currently set to 'Not Configured'.

Icon	Name	Revision	Deployed	Date Modified
------	------	----------	----------	---------------

**Create Microsoft Edge Browser Policy**

Settings

**General**

**Settings**

Supported Platforms

Summary

Progress

Completion

**Configure Microsoft Edge Browser settings**

- Set Edge Browser as default: Not Configured
- Allow address bar drop down: Not Configured
- Allow sync favorites between Microsoft browsers: Not Configured
- Allow clear browsing data on exit: Not Configured
- Allow Do Not Track headers: Not Configured
- Allow autofill: Not Configured
- Allow cookies: Not Configured
- Allow pop-up blocker: Not Configured
- Allow search suggestions in address bar: Not Configured
- Allow send intranet traffic to Internet Explorer: Not Configured
- Allow password manager: Not Configured
- Allow Developer Tools: Not Configured
- Allow extensions: Not Configured

< Previous   **Next >**   Summary   Cancel

# Product Lifecycle

Product category:

## Top 5 products past end-of-life



## Top 5 products nearing end-of-life in next six months



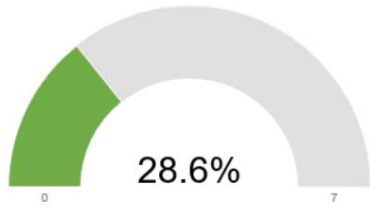
## Lifecycle data for installed products

Support	Product name	Support time remaining	Number in environment	Mainstream support end date	Extended support end date	Next steps
⚠ Extended	SQL Server 2012	4.4 years	<a href="#">1</a>	-	2022-07-12	<a href="#">Learn more</a>
✅ Mainstream	Windows Server 2012 R2	5.6 years	<a href="#">1</a>	2018-10-09	2023-10-10	<a href="#">Learn more</a>
✅ Mainstream	Windows 10	7.7 years	<a href="#">1</a>	2020-10-13	2025-10-14	<a href="#">Learn more</a>
✅ Mainstream	SQL Server 2016	8.4 years	<a href="#">2</a>	2021-07-13	2026-07-14	<a href="#">Learn more</a>
✅ Mainstream	Windows Server 2016	8.9 years	<a href="#">2</a>	2022-01-11	2027-01-11	<a href="#">Learn more</a>

# Surface Device Dashboard

## Surface Devices

Percent of Surface Devices

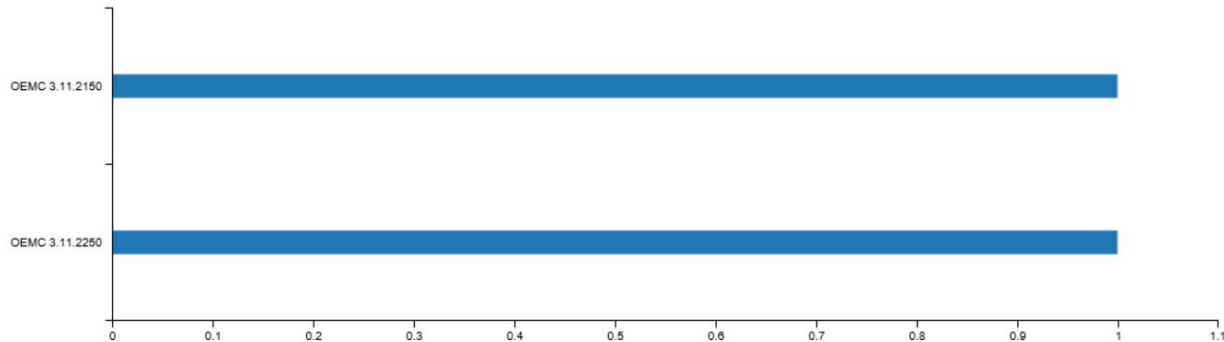


Surface Models



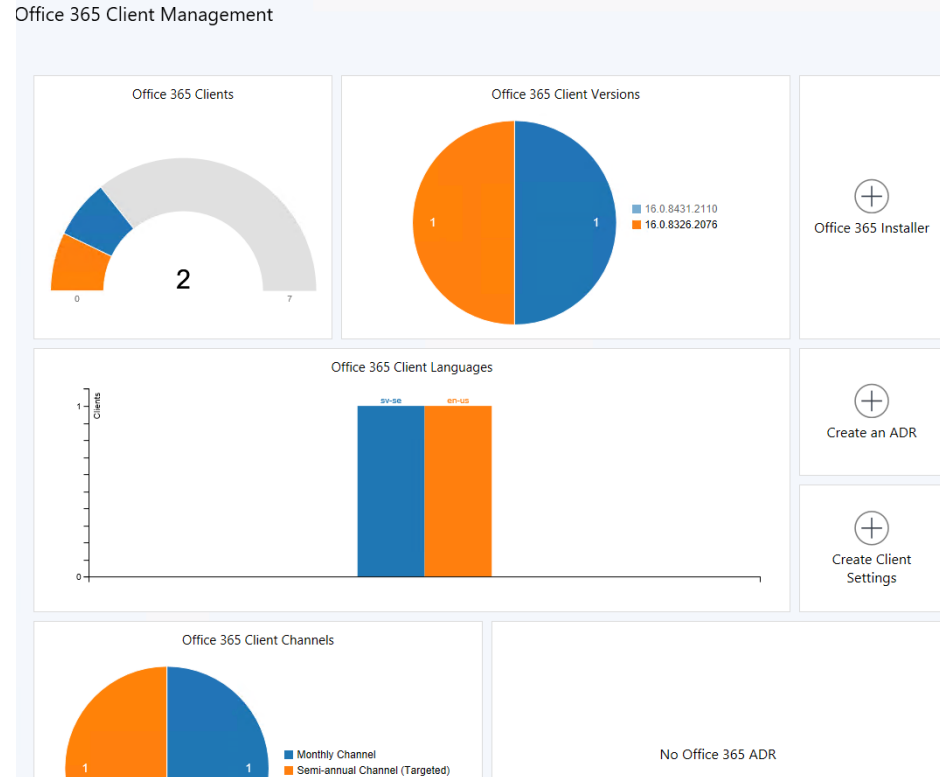
[Percentage of Surface Devices](#)

Top Five Firmware Versions



# O365 Dashboard

- Improved Dashboards
- Clickable!
- More dashboards will be updated.



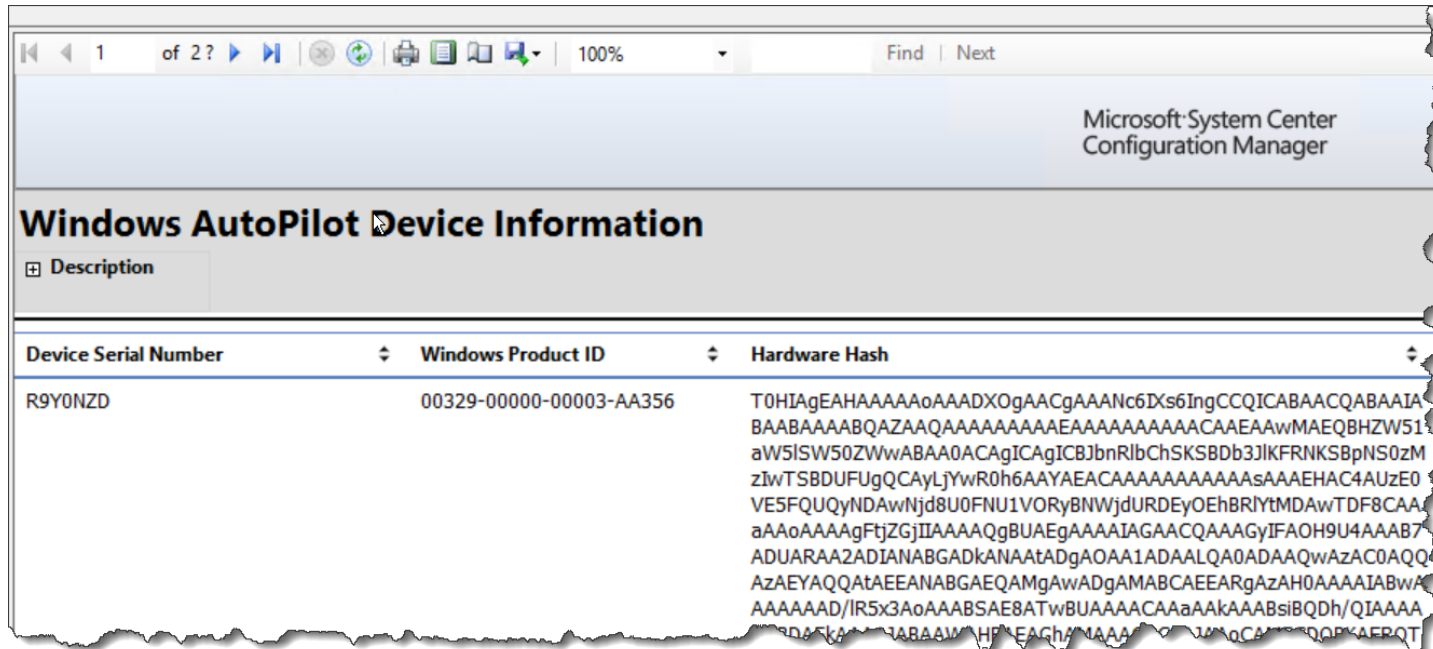


# Reports

- Windows 10 Autopilot
- Default browser report
- Windows 10 Servicing for a specific collection report

# Windows AutoPilot

- Device Information Report



Microsoft System Center Configuration Manager

## Windows AutoPilot Device Information

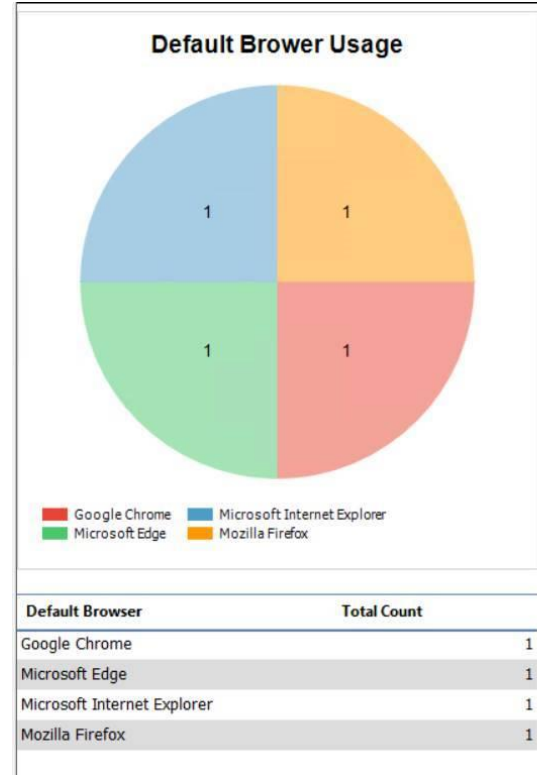
Description

Device Serial Number	Windows Product ID	Hardware Hash
R9Y0NZD	00329-00000-00003-AA356	T0HIAgEAAAAAAAAoAADXOgAACgAAANc6IXs6IngCCQICABAACQABAAIA BAABAAAABQAZAAQAAAAAAAAAAAAAAAAAAAAAAEAAwMAEQBHZW51 aW5ISW50ZWwABAA0ACAgICAgICBjbnRlbChSKSBDdb3JlKFRNKSBpNS0zM zIwTSBDUFUgQCAYLjYwR0h6AAyAECAAAAAAAAAAAAAAAAEHAC4AUzE0 VE5FQUQyNDAwNjd8U0FNU1VORyBNWjdURDEyOEHBRlYtMDAwTDF8CAA aAAoAAAAGFtjZGjIAAAAQgBUAEgAAAAIAGAACQAAAGyIFA0H9U4AAAB7 ADUAAA2ADIANABGADkANAAtAdgAOAA1ADAALQA0ADAAQwAzAC0AQQ AzAEYAQQAtAEANABGAEQAMgAwADgAMABCAEEARgAzAH0AAAAIABw/ AAAAAAD/IR5x3AoAAABSABATwBUAAAACAAaAAkAAABsiBQDh/QIAAAA SDA5KA...1ABA...HF...EAGh...MAAA...Q...J...CA...DOP...AFROT

# Default Browser Report

## SQL Query

```
select DefaultBrowser, Sum(Count) AS Count
from v_Default_Browser
group by DefaultBrowser
order by Count desc
```














# Management Insight

- New look and feel
- More improvements coming

All Insights 7 items

Search

Management Insight Group Name	Management Insight Group Description
Security	Insights for improving the security of your infrastructure and devices.
Software Center	Insights for managing Software Center.
Applications	Insights for your application management.
MacOS and Unix	Insights for your MacOS and Unix clients.
Simplified Management	Insights that help you simplify the day-to-day management of your environment.
Collections	Insights which help simplify your management by cleaning up and reconfiguring collections.
Cloud Services	Modernize and simplify your management infrastructure by leveraging the power of the cloud. Confi...

New settings for Windows Defender Application Guard	Tech Preview 1801	
Improvements to Run Scripts	Tech Preview 1801	
Do not automatically upgrade superseded applications	Tech Preview 1712	
Install multiple applications in Software Center	Tech Preview 1712	
Client-based PXE responder service	Tech Preview 1712	
Change in the Configuration Manager client install	Tech Preview 1712	
Change to the Surface device dashboard	Tech Preview 1712	
Improvements to Office 365 Client Management dashboard	Tech Preview 1712	
Improvements to the Configuration Manager console	Tech Preview 1712	
Improvements to operating system deployment	Tech Preview 1712	
Run task sequence step	Tech Preview 1711	Version 1710
Allow user interaction when installing an application	Tech Preview 1711	

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

