

CB1906 NEW FEATURES

In this post, I will show you all the new features that came with CB1906. I will provide a brief explanation and then detailed screen shot and configuration for each feature. Enjoy!

Link to CB1906 new features - <https://docs.microsoft.com/en-us/scm/core/plan-design/changes/whats-new-in-version-1906>

SITE INFRASTRUCTURE:

Maintenance Task Improvements – Open Console – Administration - Sites

Site server maintenance tasks can now be viewed and edited from their own tab on the details view of a site server. The new Maintenance Tasks tab gives you information such as:

If the task is enabled

The task schedules

Last start time

Last completion time

If the task completed successfully

Icon	Name	Enabled	Schedule Start After	Schedule Latest Start Time	Days of the Week	Last Start Time	Last Completion Time	Success	Site Code
	Backup SMS Site Server	Yes	2:00 AM	5:00 AM	Sun, Mon, Tue, We...	06-Aug-2019 2:...	06-Aug-2019 2:15 AM	Yes	TOR
	Check Application Title with Inventory Information	Yes	12:00 AM	5:00 AM	Sat	03-Aug-2019 1...	03-Aug-2019 12:25 AM	Yes	TOR
	Clear Undiscovered Clients	Yes	12:00 AM	5:00 AM	Sun	04-Aug-2019 1...	04-Aug-2019 12:00 AM	Yes	TOR
	Delete Aged Application Request Data	Yes	12:00 AM	5:00 AM	Sat	03-Aug-2019 1...	03-Aug-2019 12:20 AM	Yes	TOR
	Delete Aged Application Revisions	Yes	12:00 AM	5:00 AM	Sun, Mon, Tue, We...	06-Aug-2019 1...	06-Aug-2019 12:00 AM	Yes	TOR
	Delete Aged Client Download History	Yes	12:00 AM	5:00 AM	Sun, Mon, Tue, We...	06-Aug-2019 1...	06-Aug-2019 12:00 AM	Yes	TOR
	Delete Aged Client Operations	Yes	12:00 AM	5:00 AM	Sun, Mon, Tue, We...	06-Aug-2019 1...	06-Aug-2019 12:05 AM	Yes	TOR
	Delete Aged Cloud Management Gateway Traffic Data	Yes	12:00 AM	5:00 AM	Sat	03-Aug-2019 1...	03-Aug-2019 12:45 AM	Yes	TOR
	Delete Aged CMPivot Results	Yes	12:00 AM	5:00 AM	Sat	03-Aug-2019 1...	03-Aug-2019 12:45 AM	Yes	TOR
	Delete Aged Collected Files	Yes	12:00 AM	5:00 AM	Sat	03-Aug-2019 1...	03-Aug-2019 12:00 AM	Yes	TOR
	Delete Aged Computer Association Data	Yes	12:00 AM	5:00 AM	Sat	03-Aug-2019 1...	03-Aug-2019 12:05 AM	Yes	TOR
	Delete Aged Console Connection Data	Yes	12:00 AM	5:00 AM	Sun, Mon, Tue, We...	06-Aug-2019 1...	06-Aug-2019 12:15 AM	Yes	TOR
	Delete Aged Delete Detection Data	Yes	12:00 AM	5:00 AM	Sun, Mon, Tue, We...	06-Aug-2019 1...	06-Aug-2019 12:10 AM	Yes	TOR

Configuration Manager update database upgrade monitoring – Open Console – Updates & Servicing – Show Status

If the database upgrade is blocked, then you'll be given the warning, in progress, needs attention.

The cmupdate.log will log the program name and sessionid from SQL that is blocking the database upgrade.

When the database upgrade is no longer blocked, the status will be reset to in progress or Complete.

When the database upgrade is blocked, a check is done every 5 minutes to see if it's still blocked.

Administration > Updates and Servicing > Updates and Servicing 1 items

Name	Date Released	State	Prereq Only	Ignore Prereq Warning	Full Version	Client Version	Last Update Time	Description
Configuration Manager 1906	23-Jul-2019 12:00 AM	Installed	No	Yes	5.00.8853.1000	5.00.8853.1006	27-Jul-2019 12:47 AM	New update for Configuration Ma...

Configuration Manager 1906

General Information

Description: New update for Configuration Manager. This update includes new functionality and fixes for known issues.
More Information: <https://go.microsoft.com/fwlink/?LinkID=2057481>
Supersedes:

Contents

Configuration Manager site server updates
Configuration Manager console updates
Configuration Manager client updates
Fixes for known issues
New features

Related Objects

Show Status

Home Close

Saved Searches Search

Show Status Site Servicing

Retry Installation Ignore prerequisite warnings Install

Monitoring > Overview > Updates and Servicing Status > Configuration Manager 1906

Configuration Manager 1906 1 items

Icon	Update Package Name	Site Server Name	Site Code	Type
✓	Configuration Manager 1906	CB.RAMLAN.CA	TOR	Primary site

Update Pack Installation Status

Detailed status for the Configuration Manager 1906 installation on the site TOR:

Refresh

[View Post-Setup Configuration tasks](#)

Name	Status	Last Update Time
✓ Download	Completed	27-Jul-2019 12:13:56 AM
✓ Replication	Completed	27-Jul-2019 12:20:26 AM
⚠ Prerequisite Check	Completed with ...	27-Jul-2019 12:21:13 AM
✓ Installation	Completed	27-Jul-2019 12:47:00 AM
✓ Post Installation	Completed	06-Aug-2019 9:17:18 AM

Name	Status	Last Update Time	Description
✓ Check Site Server readiness	Completed	27-Jul-2019 12:28:59 AM	Checking if Site Se
✓ Stop CONFIGURATION_MANAGER_UPDATE service	Completed	27-Jul-2019 12:28:52 AM	Stopping CONFIGI
✓ Update CONFIGURATION_MANAGER_UPDATE service	Completed	27-Jul-2019 12:28:52 AM	Updating CONFIG
✓ Start CONFIGURATION_MANAGER_UPDATE service	Completed	27-Jul-2019 12:28:54 AM	Starting CONFIGU
✓ Extract Update package	Completed	27-Jul-2019 12:29:40 AM	Extracting update
✓ Validate redistributables	Completed	27-Jul-2019 12:29:40 AM	Validating redistribu
✓ Check site readiness	Completed	27-Jul-2019 12:29:00 AM	Checking if CONF
✓ Check Service Window	Completed	27-Jul-2019 12:29:00 AM	Checking if update
✓ Turn off SQL Server Service Broker	Completed	27-Jul-2019 12:29:40 AM	Turning off SQL Se
✓ Stop ConfigMgr services	Completed	27-Jul-2019 12:30:08 AM	Stopping ConfigMg
✓ Unload WMI provider	Completed	27-Jul-2019 12:30:09 AM	Unloading WMI pr
✓ Delete SMSDBMON triggers	Completed	27-Jul-2019 12:30:08 AM	Deleting SMSDBM
✓ Save site control settings	Completed	27-Jul-2019 12:30:09 AM	Saving site control
✓ Upgrade ConfigMgr database	Completed	27-Jul-2019 12:38:48 AM	Upgrading ConfigM
✓ Update SQL registry	Completed	27-Jul-2019 12:38:49 AM	Updating SQL Ser
✓ Update RCM registry	Completed	27-Jul-2019 12:38:49 AM	Updating RCM reg
✓ Install Files	Completed	27-Jul-2019 12:39:54 AM	Installing files requi

Description:

[Completed]: Upgrading ConfigMgr database. Check cmupdate.log for details.

OK Cancel

Management insights rule for NTLM fallback – This configuration is set under client push installation on the site server. This is by default enabled. If you want to disable uncheck the property.

The screenshot shows the 'Management Insights' section of the console. A table titled 'Top 10 Applicable Insight Rules' lists various rules. An orange arrow points to the rule 'NTLM fallback is enabled'.

Insight Name	Group	Priority	Last Change	Status
Collections with no query rules and schedule full evaluation selected	Collections	Critical	02-Aug-2019 6:09 AM	Action Needed
Collections with no query rules and enabled for any schedule	Collections	Critical	02-Aug-2019 6:09 AM	Action Needed
Client settings aren't configured to allow clients to download delta content	Software Updates	Critical	02-Aug-2019 6:09 AM	Action Needed
Changes to behavior for sending service and diagnostic data to Microsoft from Office	Applications	Critical	02-Aug-2019 6:09 AM	Action Needed
Unsupported antimalware client versions	Security	Critical	02-Aug-2019 6:09 AM	Action Needed
Collections with no query rules and no direct members	Collections	Recommended	02-Aug-2019 6:09 AM	Action Needed
Assess co-management readiness	Cloud Services	Recommended	02-Aug-2019 6:09 AM	Action Needed
Upgrade Readiness will be retired soon. Check out the new Desktop Analytics service	Cloud Services	Recommended	02-Aug-2019 6:09 AM	Action Needed
NTLM fallback is enabled	Security	Recommended	02-Aug-2019 6:09 AM	Action Needed
Empty Collections	Collections	Optional	02-Aug-2019 6:09 AM	Action Needed

Rule Details

Client Push Installation Properties

The screenshot shows the 'Client Push Installation Properties' dialog box. The 'General' tab is selected. The 'Allow connection fallback to NTLM' checkbox is checked, indicated by an orange arrow.

General

Kerberos is the latest, most secure and recommended authentication method in a Windows environment. Disable NTLM fallback to increase the security of the Configuration Manager site.

SiteCode: TOR

Review actions

Cancel

General Accounts Installation Properties

Client Push Installation for Configuration Manager client

☒ Enable automatic site-wide client push installation
This option installs the Configuration Manager client on newly discovered computer resources and on existing computer resources that do not have the client installed.

☒ Allow connection fallback to NTLM
If the site server is unable to authenticate with the client using Kerberos, this option allows it to use a less secure NTLM connection

System types

Install the Configuration Manager client software on the following computers:

☒ Servers
☒ Workstations
☒ Configuration Manager site system servers

Specify whether to install the Configuration Manager client on domain controllers when you use site-wide client push installation and the Client Push Installation Wizard.

☒ Always install the Configuration Manager client on domain controllers
☐ Never install the Configuration Manager client on domain controllers unless specified in the Client Push Installation Wizard

OK Cancel Apply

NTLM fallback is enabled: Starting in version 1906, this rule detects if you enabled the less secure NTLM authentication fallback method for the site. When using the client push method of installing the Configuration Manager client, the site can require Kerberos mutual authentication. This enhancement helps to secure the communication between the server and the client. For more information, see [How to install clients with client push](#).

Improvements to support for SQL Always On – I am unable to provide more information or screen shot as, I don't have SQL Always On. I am running stand alone SQL Server. Here is what Microsoft explanation for this feature.

Improvements to support for SQL Always On

- Add a new synchronous replica from setup: You can now add a new secondary replica node to an existing SQL Always On availability group. Instead of a manual process, use Configuration Manager setup to make this change. For more information, see [Configure SQL Server Always On availability groups](#).
- Multi-subnet failover: You can now enable the [MultiSubnetFailover connection string keyword](#) in SQL Server. You also need to manually configure the site server. For more information, see the [Multi-subnet failover prerequisite](#).
- Support for distributed views: The site database can be hosted on a SQL Server Always On availability group, and you can enable database replication links to use [distributed views](#).

! Note

This change doesn't apply to SQL Server clusters.

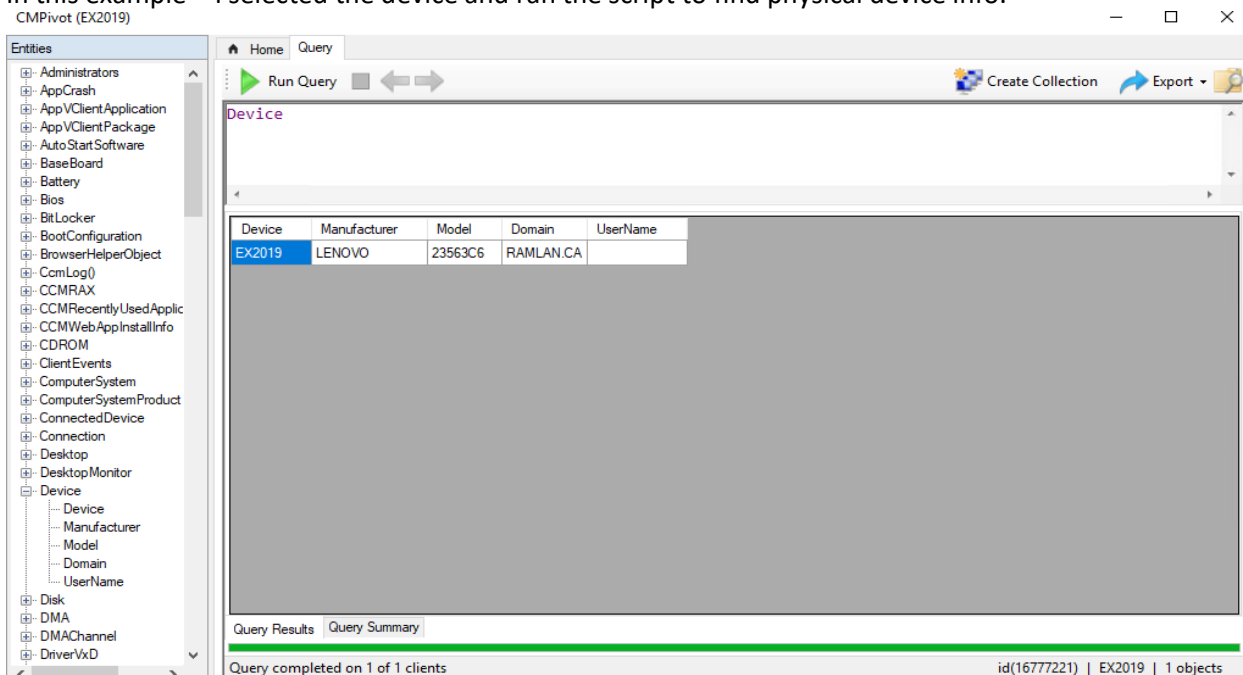
- Site recovery can recreate the database on a SQL Always On group. This process works with both manual and automatic seeding.
- New setup prerequisite checks:
 - SQL availability group replicas must all have the same seeding mode
 - SQL availability group replicas must be healthy

REAL TIME MANAGEMENT

CMPIVOT Standalone – Here is the screen shot – Select Device Collection – Click Start CMPIVOT

Icon	Name	Limiting Collection	Meml
	All Desktop and Server Clients	All Systems	9
	All Mobile Devices	All Systems	0
	All Systems		13
	All Unknown Computers	All Systems	2
	CB Console	All Systems	4
	Defender	All Systems	8
	End Point	Workstations	2
	EX2019	All Systems	1
	In Active Clients	All Systems	0
	O365 ProPlus	All Systems	2
	Office 2019	All Systems	6
	OpsMgr	All Systems	1
	Others	All Systems	5
	Server 2019	All Systems	6

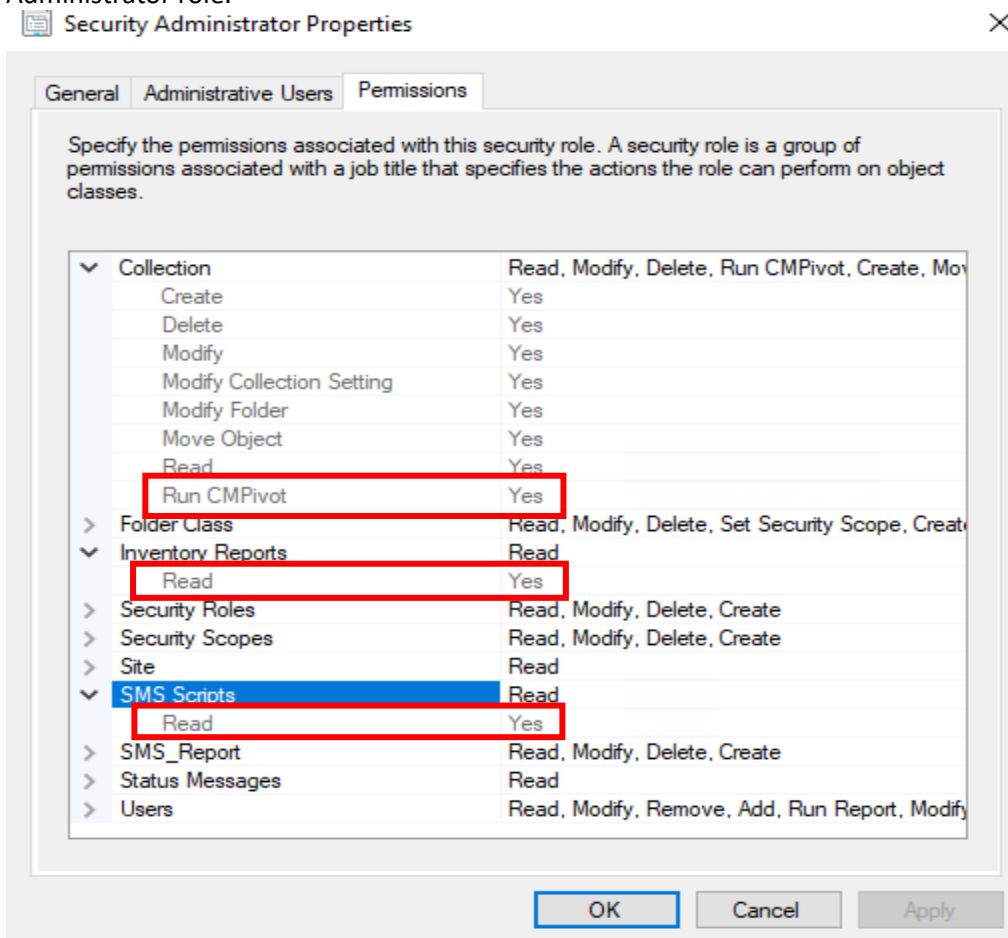
In this example – I selected the device and ran the script to find physical device info.



You can do a lot more with CMPivot. Check MS link for more read on this feature

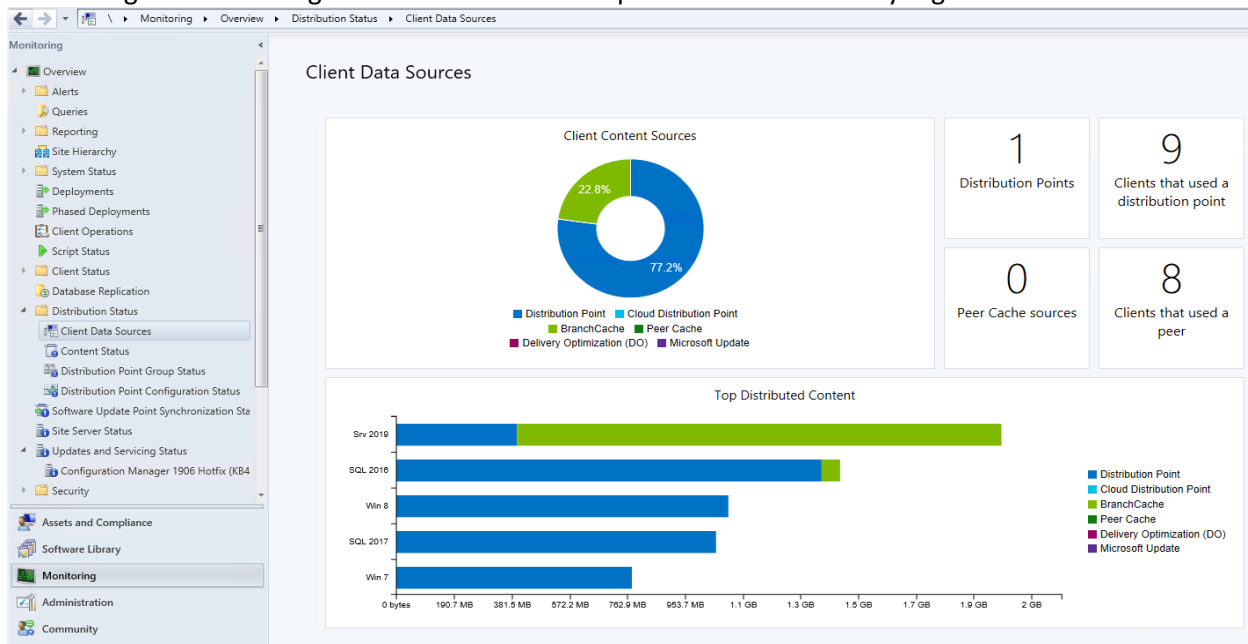
<https://docs.microsoft.com/en-us/sccm/core/servers/manage/cmpivot>

Added Permissions to Security Administrator Role – Following are the new permissions set for Security Administrator role.



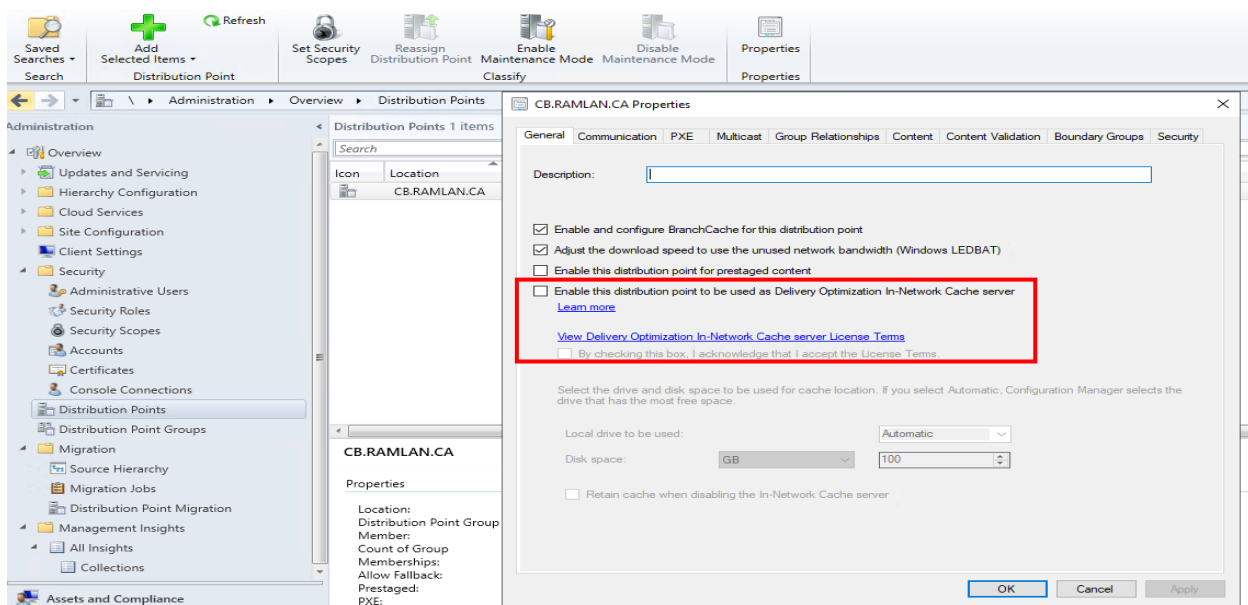
CONTENT MANAGEMENT:

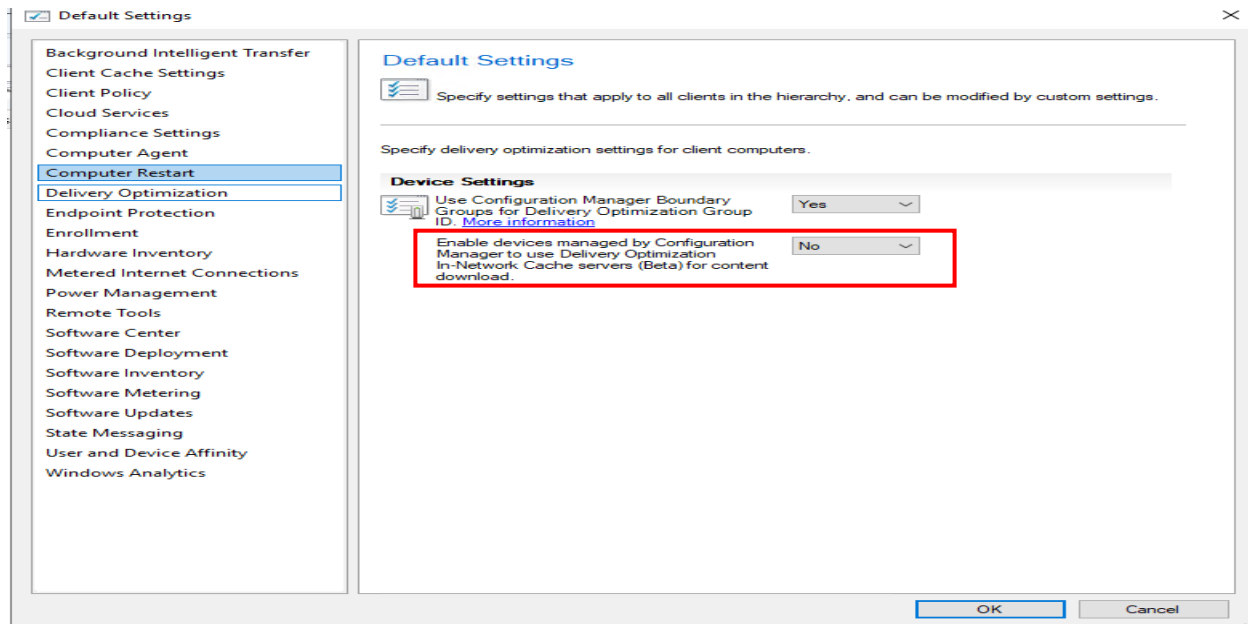
Delivery Optimization download data in client data sources dashboard – This produces a neat GRAPH for sharing with Management and other how the clients are connecting and to which DP's they are connecting. Useful for organization that has wide spread DP's across many regions.



Use your distribution point as a In Network Cache Server for Delivery Optimization – You can enable this feature from DP Properties. Don't forget to make necessary setting under Client settings as well to use the feature properly/effectively.

You can now install Delivery Optimization In-Network Cache (DOING) server on your distribution points. By caching this content on-premises, your clients can benefit from the Delivery Optimization feature, but you can help to protect WAN links. This cache server acts as an on-demand transparent cache for content downloaded by Delivery Optimization. Use client settings to make sure this server is offered only to the members of the local Configuration Manager boundary group.





CLIENT MANAGEMENT:

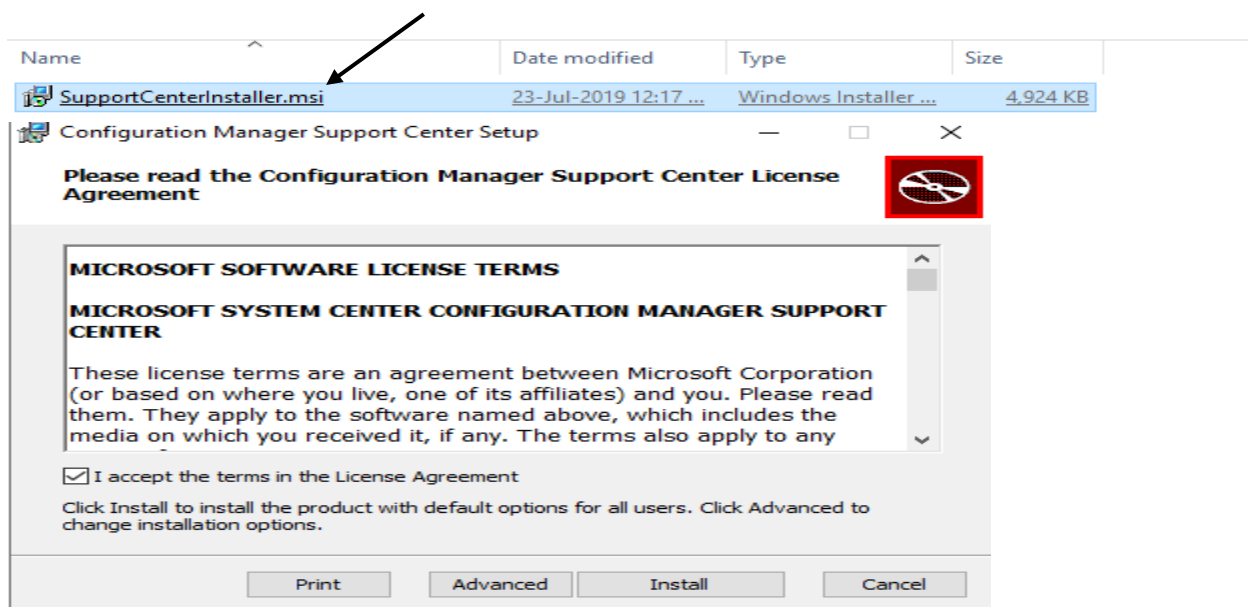
Support for Virtual Desktop – In order to use this feature, you need Azure and VDI's in Azure.
Support for Windows Virtual Desktop

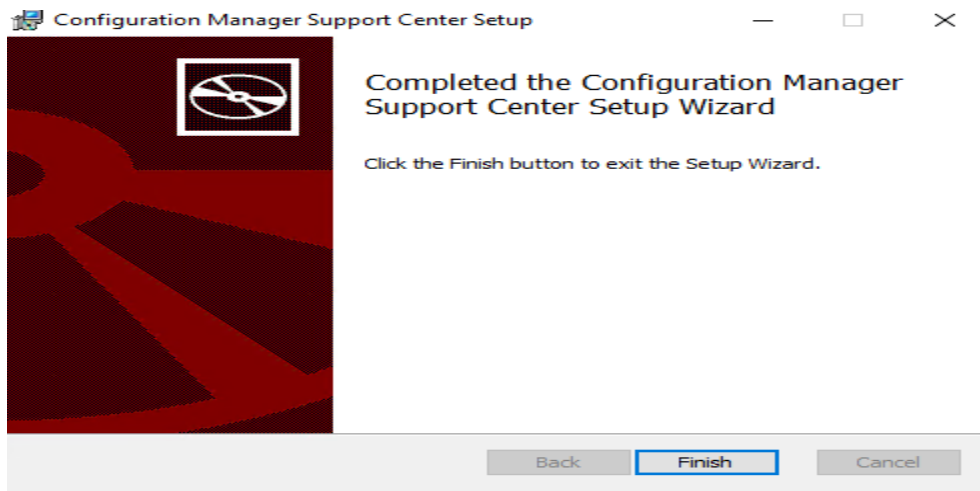
[Windows Virtual Desktop](#) is a preview feature of Microsoft Azure and Microsoft 365. You can now use Configuration Manager to manage these virtual devices running Windows in Azure.

Similar to a terminal server, these virtual devices allow multiple concurrent active user sessions. To help with client performance, Configuration Manager now disables user policies on any device that allows these multiple user sessions. Even if you enable user policies, the client disables them by default on these devices, which include Windows Virtual Desktop and terminal servers.

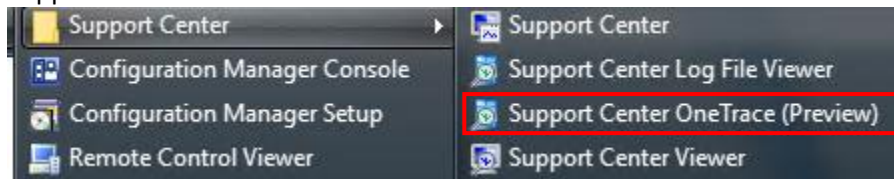
Support Center OneTrace – You have to make sure to install Support Center by running MSI from here –

> OS (C:) > Program Files > Microsoft Configuration Manager > cd.latest > SMSSETUP > TOOLS > SupportCenter



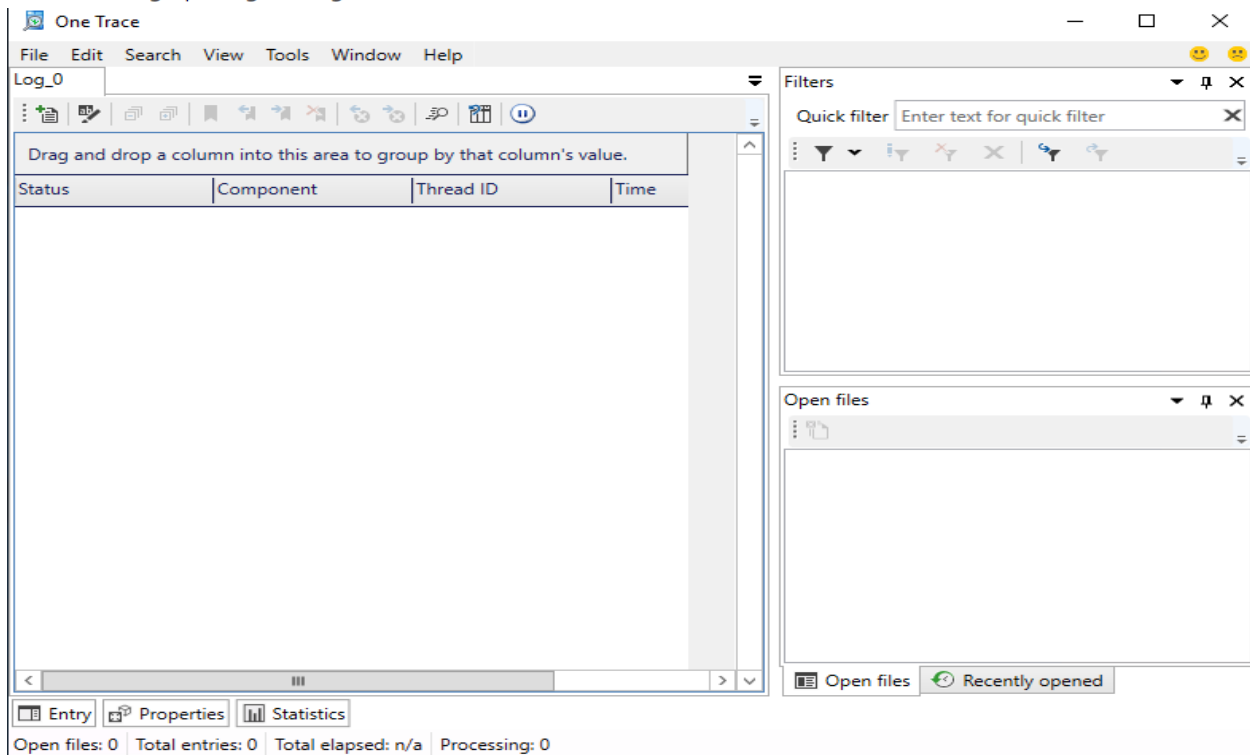


Once the install is done it will show up in Programs - Microsoft System Center - Configuration Manager - Support Center



Starting in version 1906, OneTrace is a new log viewer with Support Center. It works similarly to CMTrace, with the following improvements:

- A tabbed view
- Dockable windows
- Improved search capabilities
- Ability to enable filters without leaving the log view
- Scrollbar hints to quickly identify clusters of errors
- Fast log opening for large files



One Trace

File Edit Search View Tools Window Help

Log_0

Drag and drop a column into this area to group by that column's value.

Status	Component	Thread ID	Time	Entry
!	SMS_RULE_ENGINE	472	10-Aug-2019 8:45 PM	Refreshed ScheduleList instance for Rule (8) from schedule stri...
!	SMS_RULE_ENGINE	472	10-Aug-2019 8:45 PM	Refreshed ScheduleList instance for Rule (9) from schedule stri...
!	SMS_RULE_ENGINE	472	10-Aug-2019 8:45 PM	Refreshed ScheduleList instance for Rule (10) from schedule st...
!	SMS_RULE_ENGINE	472	10-Aug-2019 8:45 PM	Refreshed ScheduleList instance for Rule (11) from schedule st...
!	SMS_RULE_ENGINE	472	10-Aug-2019 8:45 PM	Refreshed ScheduleList instance for Rule (12) from schedule st...
!	SMS_RULE_ENGINE	472	10-Aug-2019 8:45 PM	Refreshed ScheduleList instance for Rule (14) from schedule st...
!	SMS_RULE_ENGINE	472	10-Aug-2019 8:45 PM	FindNextEventTime found next event for RuleID 3 as i2019-08...
!	SMS_RULE_ENGINE	472	10-Aug-2019 8:45 PM	RuleEngine: Got next rule execution time successfully. Next ev...
!	SMS_RULE_ENGINE	472	10-Aug-2019 8:45 PM	Sleeping for 15 minutes
!	SMS_RULE_ENGINE	472	10-Aug-2019 9:00 PM	RuleSchedulerThread: Next Event Time Signalled.
!	SMS_RULE_ENGINE	472	10-Aug-2019 9:00 PM	RuleSchedulerThread: Timeout Signalled, when next event tim...
!	SMS_RULE_ENGINE	472	10-Aug-2019 9:00 PM	Refreshed ScheduleList instance for Rule (2) from schedule stri...
!	SMS_RULE_ENGINE	472	10-Aug-2019 9:00 PM	Refreshed ScheduleList instance for Rule (3) from schedule stri...
!	SMS_RULE_ENGINE	472	10-Aug-2019 9:00 PM	Refreshed ScheduleList instance for Rule (4) from schedule stri...
!	SMS_RULE_ENGINE	472	10-Aug-2019 9:00 PM	Refreshed ScheduleList instance for Rule (5) from schedule stri...
!	SMS_RULE_ENGINE	472	10-Aug-2019 9:00 PM	Refreshed ScheduleList instance for Rule (6) from schedule stri...
!	ADService	0	11-Aug-2019	AD Service Managed Component initialize strings: sqlServerN...
!	ADService	0	11-Aug-2019	Entering KerberosCachePurger:Purge
!	ADService	0	11-Aug-2019	LsaLookupAuthenticationPackage Found : 2
!	ADService	0	11-Aug-2019	LsaCallAuthenticationPackage returned package status : 0xSTA...
!	ADService	0	11-Aug-2019	Exiting KerberosCachePurger:Purge
!	ADService	0	11-Aug-2019	AD Service Managed Component initialize strings: sqlServerN...
!	ADService	0	11-Aug-2019	Entering KerberosCachePurger:Purge
!	ADService	0	11-Aug-2019	LsaLookupAuthenticationPackage Found : 2
!	ADService	0	11-Aug-2019	LsaCallAuthenticationPackage returned package status : 0xSTA...
!	ADService	0	11-Aug-2019	Exiting KerberosCachePurger:Purge
!	ADService	0	12-Aug-2019	AD Service Managed Component initialize strings: sqlServerN...
!	ADService	0	12-Aug-2019	Entering KerberosCachePurger:Purge
!	ADService	0	12-Aug-2019	LsaLookupAuthenticationPackage Found : 2
!	ADService	0	12-Aug-2019	LsaCallAuthenticationPackage returned package status : 0xSTA...
!	ADService	0	12-Aug-2019	Exiting KerberosCachePurger:Purge

Open files: 2 | Total entries: 16397 | Total elapsed: 218 days, 0 hours, 0 minutes, 0.0 seconds | Processing: 0

Filters

Quick filter Enter text for quick filter

Open files

Open files Recently opened

Client Cache Minimum Retention Period – You can set this from Default Client Settings. It is in minutes.

Administration

Overview

Client Settings

Client Settings 2 items

Default Client Settings

End Point

Default Settings

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

Power Management

Remote Tools

Software Center

Software Deployment

Software Inventory

Software Metering

Software Updates

State Messaging

User and Device Affinity

Windows Analytics

Default Settings

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

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, whichever is less.

Device Settings

Configure BranchCache Yes

Enable BranchCache Yes

Maximum BranchCache cache size (percentage of disk) 10

Configure client cache size Yes

Maximum cache size (MB) 15120

Maximum cache size (percentage of disk) 20

Minimum duration before the client can remove cached content (minutes) 1440

Enable as peer cache source No

Port for initial network broadcast 8004

Port for content download from peer 8003

OK Cancel

APPLICATION MANAGEMENT:

Filter applications deployed to devices – In this example, I have 7Zip as an application targeted to various device collections. In the properties you can set User Category as detailed below. This will come handy to filter applications in SC when deployed to Device.

7-Zip 18.06 (x64 edition) Properties

General Information | **Software Center** | References | Distribution Settings | Deployment Types | Content Locations | Supersedence | Security

Specify information about how you want to display this application to users when they browse the Software Center. To provide information in a specific language, select the language before you enter a description.

Selected language: English (United States) default Add/Remove...

Localized application name: 7-Zip 18.06 (x64 edition)

User categories: "Tools" Edit...

User documentation: Browse...

Link text:

Privacy URL:

Localized description:

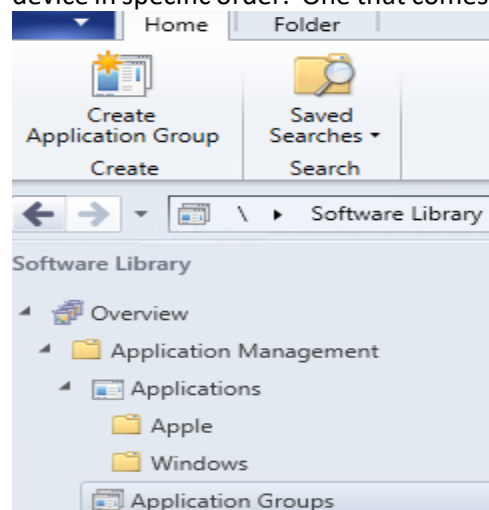
Keywords:

Icon: 7zip Browse...

☐ Display this as a featured app and highlight it in the company portal

OK Cancel Apply

Application Groups – These can come handy when you want to deploy a group of applications to specific device in specific order. One that comes to my mind is LOB's. You can create Application group from here





General Information

General Information

Software Center

Application Group

Summary

Progress

Completion

Specify information about this application group

Name:

Administrator comments:

Publisher: Software version:

Optional reference:

Administrative categories:

☐ Date published:

Specify the administrative users who are responsible for this application group.

Owners:

Support contacts:

< Previous

Next >

Summary

Cancel



Software Center

General Information

Software Center

Application Group

Summary

Progress

Completion

Specify the Software Center entry

Specify information about how you want to display this application group to users when they browse the Software Center. To provide information in a specific language, select the language before you enter a description.

Selected language:

Localized application name:

User categories:


User documentation:

Link text:

Privacy URL:

Localized description:

Keywords:

Icon: 

< Previous

Next >

Summary

Cancel



Application Group

General Information

Software Center

Application Group

Summary

Progress

Completion

Specify Application Group Items

Select applications to be installed or uninstalled in the specified order.

Move Up

Move Down

Filter...

Order

Name

Type

There are no items to show in this view.

Add

Remove

< Previous

Next >

Summary

Cancel

Specify applications to be included in the application group

Select software for this application group.

Folders:

- Root
- Apple
- Windows

Filter...

Name	Version	Administrator Comments	Type	Created on
<input checked="" type="checkbox"/> 7-Zip 18.06 (x64 edition)			Application	13-Jan-2019 9:26:29 AM
<input checked="" type="checkbox"/> Adobe Acrobat Reader DC	19.8.20...		Application	23-Feb-2019 10:19:37 AM
<input checked="" type="checkbox"/> Core FTP LE x64			Application	13-Jan-2019 8:39:15 AM
<input type="checkbox"/> Microsoft Edge Chromium Dev	77.0.21...		Application	20-Jul-2019 10:46:24 AM
<input type="checkbox"/> Office 2019 Professional	2019		Application	20-Jan-2019 6:42:25 AM
<input type="checkbox"/> Office 365 ProPlus		This package is for work...	Application	19-Jan-2019 4:09:55 PM
<input type="checkbox"/> Sandbox For Win 10	1.0	Sandbox Feature deploy...	Application	18-Jun-2019 11:19:08 AM
<input type="checkbox"/> System Center Configuration ...	CB1810...		Application	23-Feb-2019 9:14:19 PM
<input checked="" type="checkbox"/> VLC media player 3.0.6 (64-bit)			Application	13-Jan-2019 8:58:09 AM

OK

Cancel



Application Group

General Information

Software Center

Application Group

Summary

Progress

Completion

Specify Application Group Items

Select applications to be installed or uninstalled in the specified order.

Move Up

Move Down

Filter...

Order	Name	Type
1	7-Zip 18.06 (x64 edition)	Application
2	Adobe Acrobat Reader DC	Application
3	Core FTP LE x64	Application
4	VLC media player 3.0.6 (64-bit)	Application

Add

Remove

< Previous

Next >

Summary

Cancel



Summary

General Information

Software Center

Application Group

Summary

Progress

Completion

Confirm the settings

Details:

- General Information:
- Application name: For HO - Canadian Users & Devices
 - Administrator comments:
 - Publisher: RBC
 - Software version: 1.0
 - Optional reference:
- Categories:
- Apps
- Owners:
- Administrator
- Support contacts:
- Administrator
- Software Center entries specified for the following languages:
- en-CA
- Item Count
- 7-Zip 18.06 (x64 edition)
 - Adobe Acrobat Reader DC
 - Core FTP LE x64
 - VLC media player 3.0.6 (64-bit)

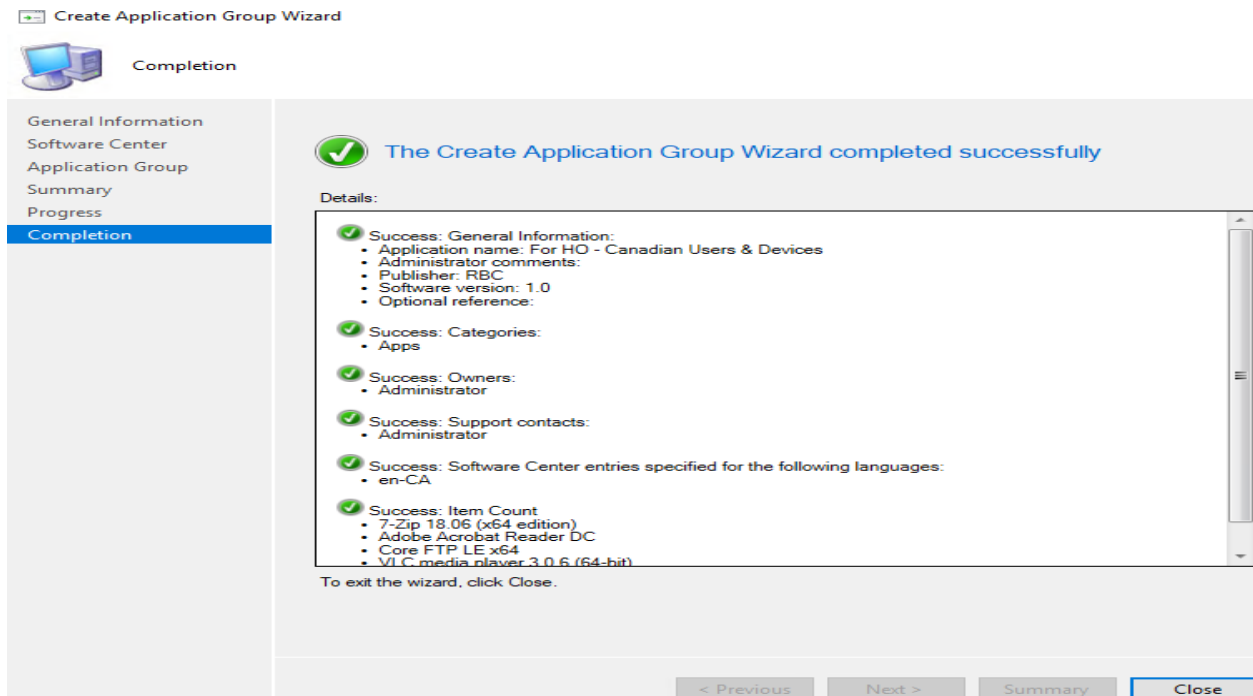
To change these settings, click Previous. To apply the settings, click Next.

< Previous

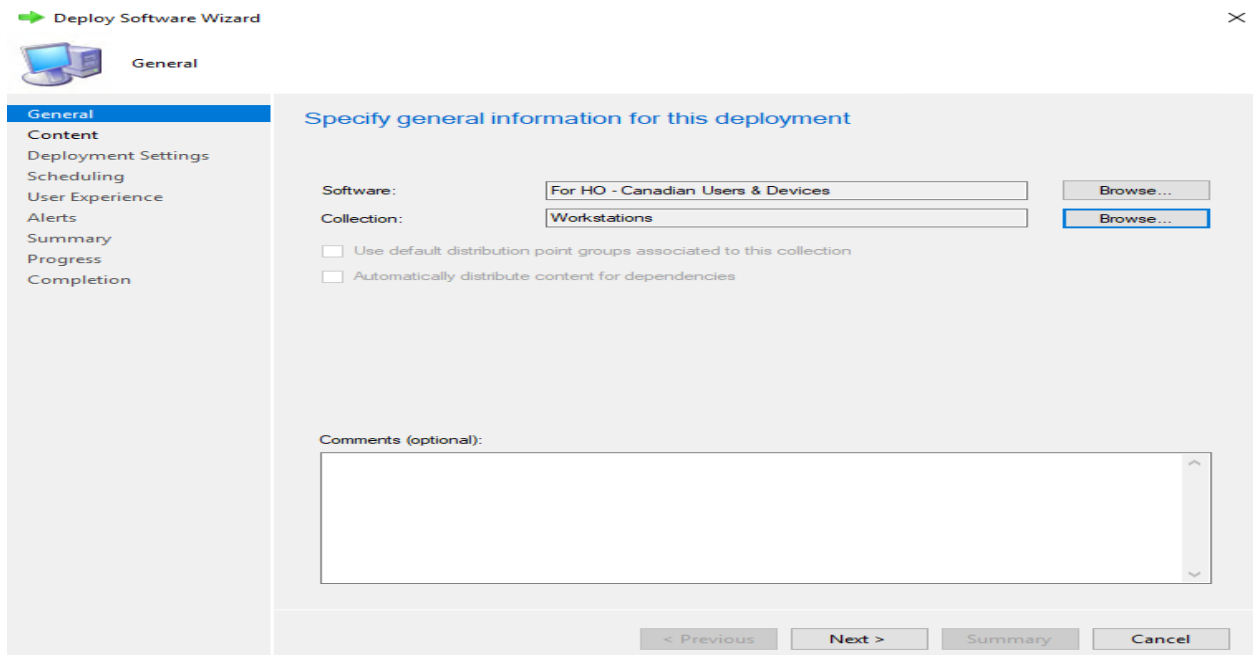
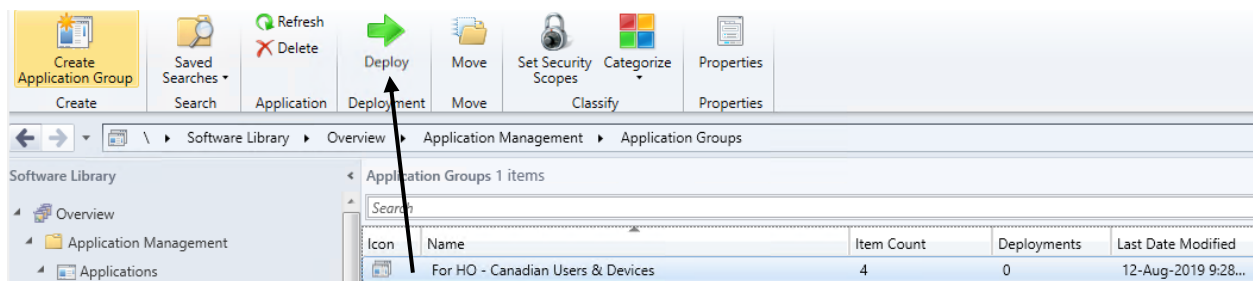
Next >

Summary

Cancel



Now we have the group created. Deploy it to a device and it will show you in SC for device to install later.





Content

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
\\CB.RAMLAN.CA	Distribution point
Toronto	Distribution point group

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

Filter...

< Previous

Next >

Summary

Cancel



Deployment Settings

General

Content

Deployment Settings

Scheduling

User Experience

Alerts

Summary

Progress

Completion

Specify settings to control how this software is deployed

Action:

Purpose:

< Previous

Next >

Summary

Cancel



Scheduling

General
Content
Deployment Settings
Scheduling
User Experience
Alerts
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Progress
Completion

Specify the schedule for this deployment

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: UTC

☐ Schedule the application to be available at:

12-Aug-2019 1:32 PM

Installation deadline:

☒ As soon as possible after the available time

☐ Schedule at:

12-Aug-2019 1:32 PM

< Previous

Next >

Summary

Cancel



User Experience

General
Content
Deployment Settings
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User Experience
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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 only show notifications for computer restarts

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.

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Summary

Cancel



Alerts

- General
- Content
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- 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:

1

After:

19-Aug-2019

9:32 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

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Summary

Cancel



Summary

- General
- Content
- Deployment Settings
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- User Experience
- Alerts
- Summary**
- Progress
- Completion

Confirm the settings for this new deployment

Details:

General

- Software: For HO - Canadian Users & Devices
- Collection: Workstations (Member Count: 3)
- Use default distribution point groups associated to this collection: Disabled
- Automatically distribute content for dependencies: Disabled

Deployment Settings

- Action: Install
- Purpose: Required
- Pre-deploy software to the user's primary device: Disabled
- Send wake-up packets: Disabled
- Allow clients to use a metered Internet connection to download content: Disabled

Application Settings (retrieved from application in software library)

- Application Name: For HO - Canadian Users & Devices

Scheduling

- Time based on: UTC
- Available Time: As soon as possible
- Deadline Time: Disabled
- Delayed enforcement on deployment: Disabled

User Experience

- User notifications: Display in Software Center, and only show notifications for computer restarts
- Ignore Maintenance Windows: Enabled
- System restart (if required to complete the installation): Enabled
- Commit changes at deadline or during a maintenance window (requires restarts): Enabled

Alerts

- Enable System Center Operations Manager maintenance mode: Enabled

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

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Summary

Cancel

Retry the install of pre-approved applications - You can now retry the installation of an app that you previously approved for a user or device. The approval option is only for available deployments. If the user uninstalls the app, or if the initial install process fails, Configuration Manager doesn't reevaluate its state and reinstall it. This feature allows a support technician to quickly retry the app install for a user that calls for help.

Install an application for a device in real time – In order to accomplish this, you have to enable this feature and during deployment make sure to check “Administrator must approve application request”.

Features 24 items

Name	Feature Type	Status	Description
Azure Active Directory user group discovery	Pre-release	On	Cloud-enable your data discovery by enabling user group discovery from Azure Activ...
Mobile apps for co-managed devices	Pre-release	On	Manage mobile apps with Microsoft Intune while continuing to use Configuration M...
Task Sequence Debugger	Pre-release	On	The Task Sequence Debugger allows an admin to target a task sequence in debug m...
Synchronize collection membership results to Azure Active Directory groups	Pre-release	On	You can now enable the synchronization of collection memberships to an Azure Activ...
Server groups	Pre-release	On	Control settings for software updates in server groups, including the order and perce...
Application Groups	Pre-release	On	Create a group of applications that you can send to a device collection as a single de...
Run Task Sequence Step	Release	On	This is a new step in the task sequence to run another task sequence, which creates a...
Cloud Management Gateway	Release	On	Provides a simple way to manage ConfigMgr clients on the Internet. The gateway is...
PFX Create	Release	On	Create and deploy PFX Certificates for Microsoft or Entrust Certification Authorities.
Device Health Attestation assessment for compliance policies for conditional access	Release	On	Use Device Health Attestation status as a compliance policy rule for conditional acce...
Data warehouse service point	Release	On	Use the data warehouse service point to periodically copy data from your Configurati...
Task Sequence content pre-caching	Release	On	Pre-cache content on client for available deployment for OS Upgrade task sequences...
Enable third party update support on clients	Release	On	Enables configuration of allow signed third party updates policy and installation of...
Support for Cisco AnyConnect 4.0.07x and later for iOS	Release	On	Admins can create iOS VPN profiles supported by the newer AnyConnect client, label...
Passport for Work	Release	On	Admin can target and deploy Passport for Work policy for domain-joined Windows 1...
Windows Defender Exploit Guard policy	Release	On	You can control Windows Defender Exploit Guard policy.
Surface Driver Updates	Release	On	Manage Surface Driver Updates.
VPN for Windows 10	Release	On	You can use Microsoft Native providers for computers with the ConfigMgr client. The...
Create and run scripts	Release	On	Create and run PowerShell scripts with optional parameters to devices and collection...
Package Conversion Manager	Release	On	Package Conversion Manager (PCM) now supports Configuration Manager current br...
Client Peer Cache	Release	On	Client Peer Cache is a built-in Configuration Manager solution for clients to share co...
Approve application requests for users per device	Release	On	User-based application requests are now approved only for the device from where t...
Conditional access for managed PCs	Release	On	To help secure Office 365 access and other services on PCs enrolled with Configurati...
Microsoft Operations Management Suite (OMS) Connector	Release	On	Sync data such as collections from Configuration Manager to OMS.

Deploy Software Wizard

Deployment Settings

General
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Specify settings to control how this software is deployed

Action: Install

Purpose: Available

☐ Allow end users to attempt to repair this application

☒ An administrator must approve a request for this application on the device

< Previous Next > Summary Cancel

For this example, I created Slack application and deployed to workstations (Win 7, Win 8 & Win 10). Below is the screen shot.

Deploy Software Wizard

General

Specify general information for this deployment

Software:

Collection:

☐ Use default distribution point groups associated to this collection

☒ Automatically distribute content for dependencies

Comments (optional):

< Previous **Next >** Summary Cancel

Deploy Software Wizard

Content

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...

Name	Description	Associations
CB.RAMLAN.CA	Distribution point	
Toronto	Distribution point group	0

< Previous **Next >** Summary Cancel



Deployment Settings

General

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Deployment Settings

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Completion

Specify settings to control how this software is deployed

Action: Purpose: ☐ Allow end users to attempt to repair this application☒ An administrator must approve a request for this application on the device

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Summary

Cancel



Scheduling

General

Content

Deployment Settings

Scheduling

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Alerts

Summary

Progress

Completion

Specify the schedule for this deployment

This application will be available as soon as possible by default. If this application should be made available at a different time, change the availability time to the desired UTC time.

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

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Summary

Cancel



General

Content

Deployment Settings

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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 only show notifications for computer restarts☐ 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.

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Summary

Cancel



General

Content

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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: 1After: 20-Aug-2019 10:13 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

General

- Content
- Deployment Settings
- Scheduling
- User Experience
- Alerts

Summary

- Progress
- Completion

Confirm the settings for this new deployment

Details:

General

- Software: Slack
- Collection: Workstations (Member Count: 3)
- Use default distribution point groups associated to this collection: Disabled
- Automatically distribute content for dependencies: Enabled

Deployment Settings

- Action: Install
- Purpose: Available
- Allow end users to attempt to repair this application: Disabled
- Allow clients to use a metered Internet connection to download content: Disabled

Application Settings (retrieved from application in software library)

- Application Name: Slack
- Application Version: 4.0
- Application Deployment Types: Windows Installer (*.msi file)

Scheduling

- Time based on: UTC
- Available Time: As soon as possible
- Deadline Time: Disabled
- Delayed enforcement on deployment: Disabled

User Experience

- User notifications: Display in Software Center, and only show notifications for computer restarts
- Ignore Maintenance Windows: Disabled
- System restart (if required to complete the installation): Disabled
- Commit changes at deadline or during a maintenance window (requires restarts): Enabled

Alerts

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

< Previous

Next >

Summary

Cancel



Completion

General

- Content
- Deployment Settings
- Scheduling
- User Experience
- Alerts

Summary

- Progress
- Completion



The Deploy Software Wizard completed successfully

Details:



Success: General

- Software: Slack
- Collection: Workstations (Member Count: 3)
- Use default distribution point groups associated to this collection: Disabled
- Automatically distribute content for dependencies: Enabled



Success: Deployment Settings

- Action: Install
- Purpose: Available
- Allow end users to attempt to repair this application: Disabled
- Allow clients to use a metered Internet connection to download content: Disabled



Success: Application Settings (retrieved from application in software library)

- Application Name: Slack
- Application Version: 4.0
- Application Deployment Types: Windows Installer (*.msi file)



Success: Scheduling

- Time based on: UTC
- Available Time: As soon as possible
- Deadline Time: Disabled
- Delayed enforcement on deployment: Disabled



Success: User Experience

- User notifications: Display in Software Center, and only show notifications for computer restarts

To exit the wizard, click Close.

< Previous

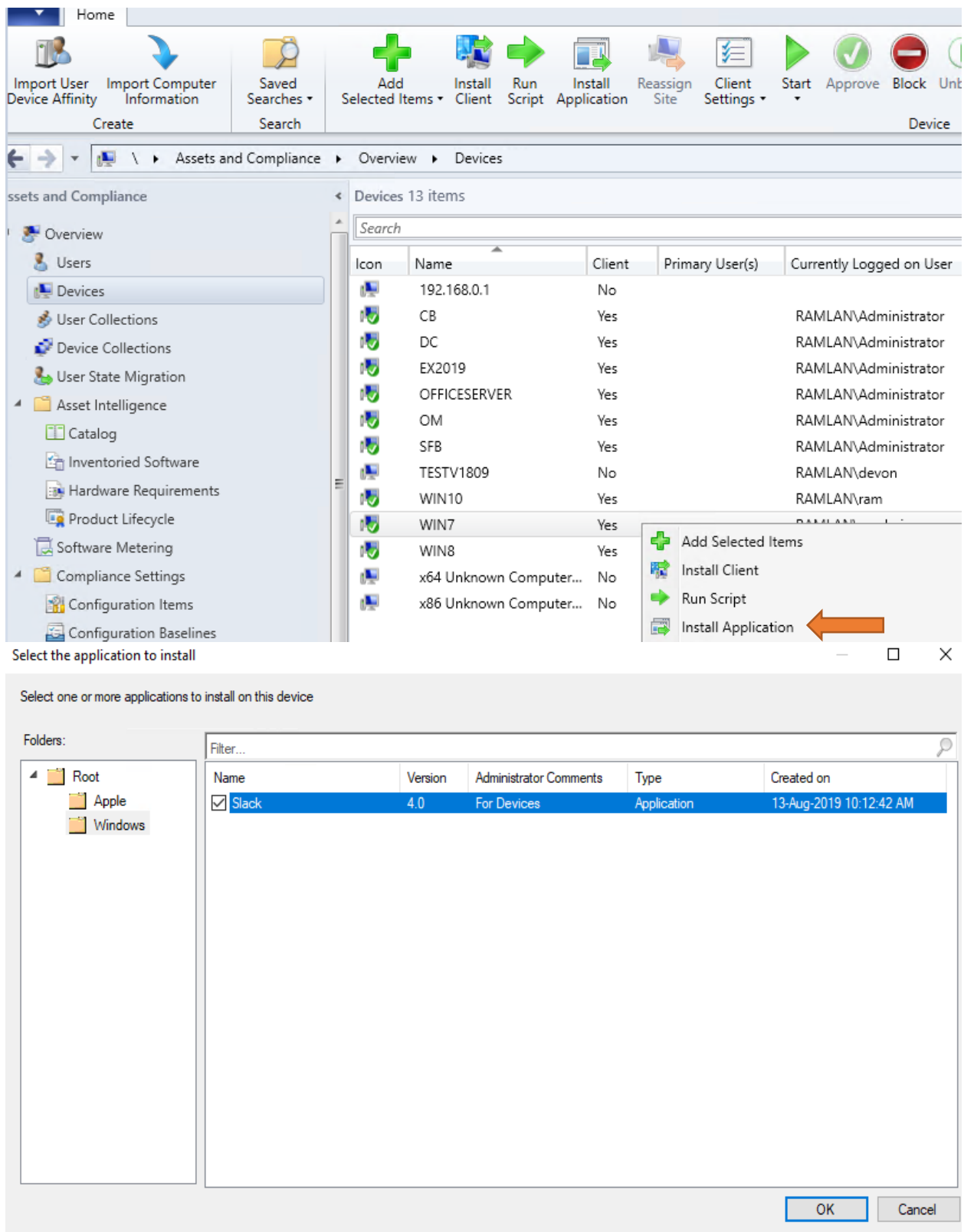
Next >

Summary

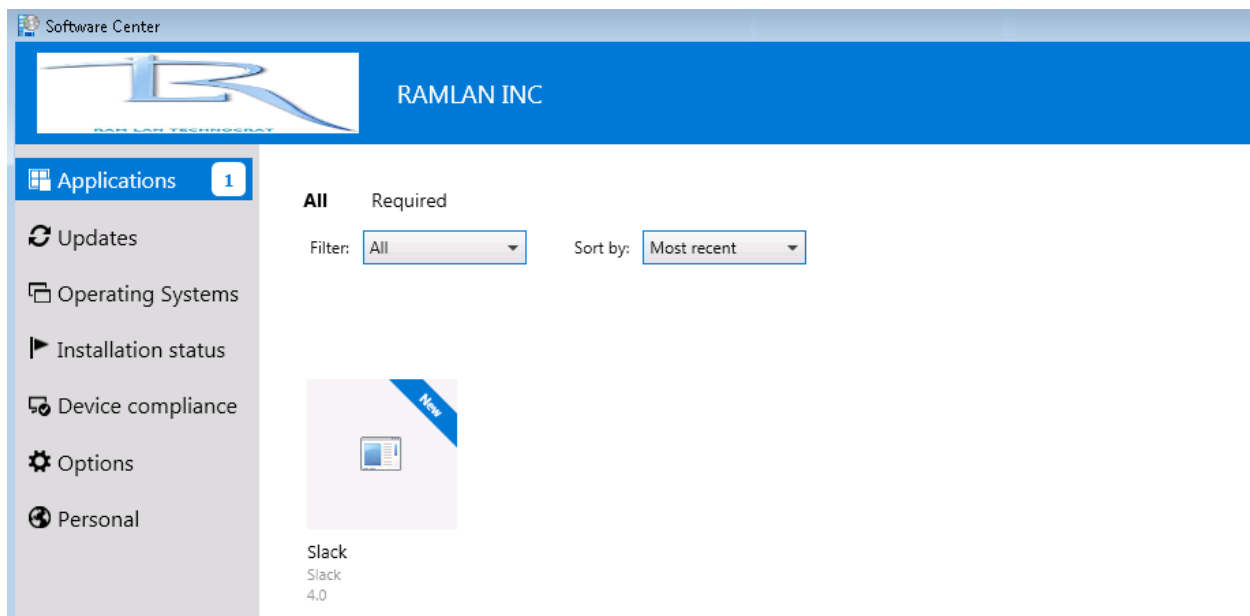
Close

When user open Software Center on a workstation the application is not showing. That is the default and expected behaviour.

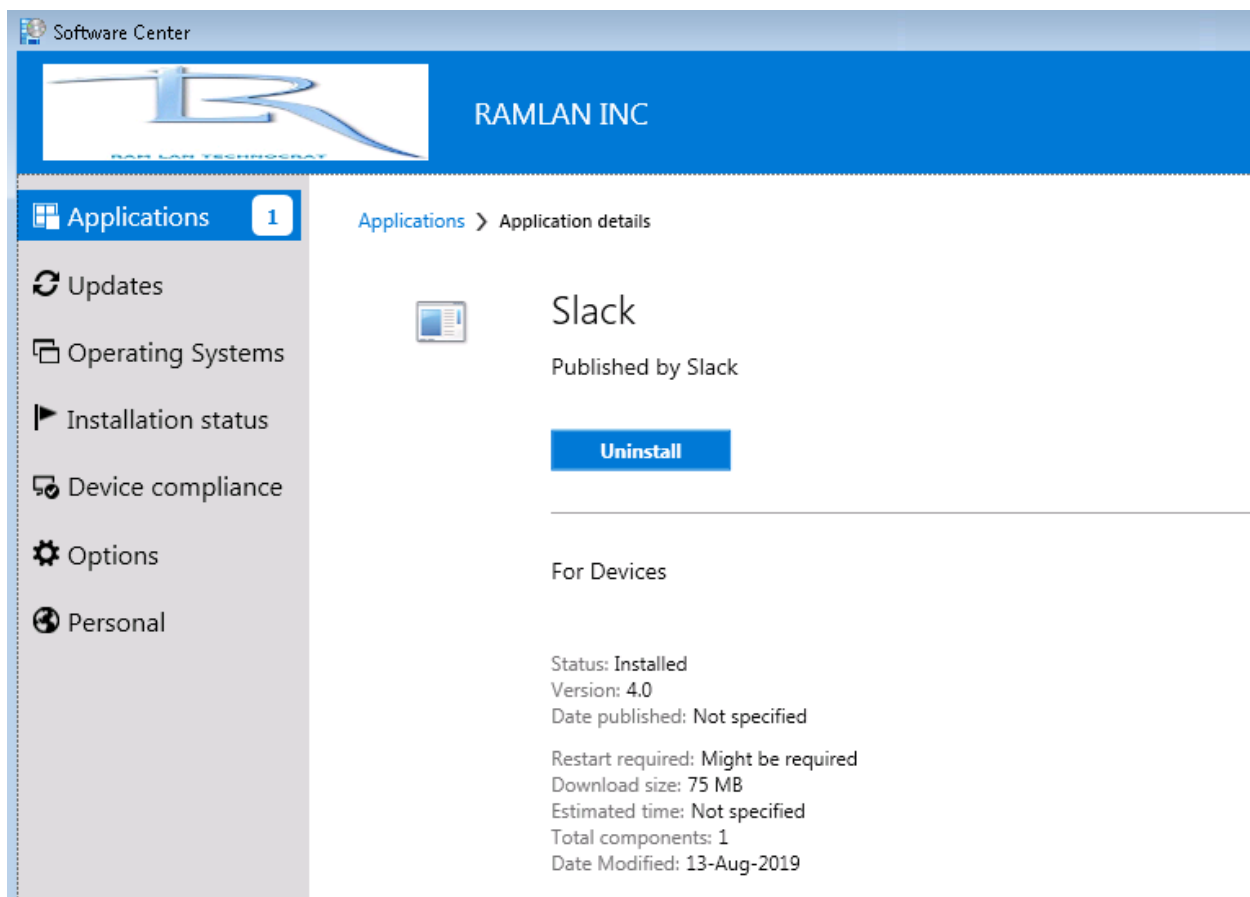
Now we will trigger the application for real time installation for the device as detailed below:

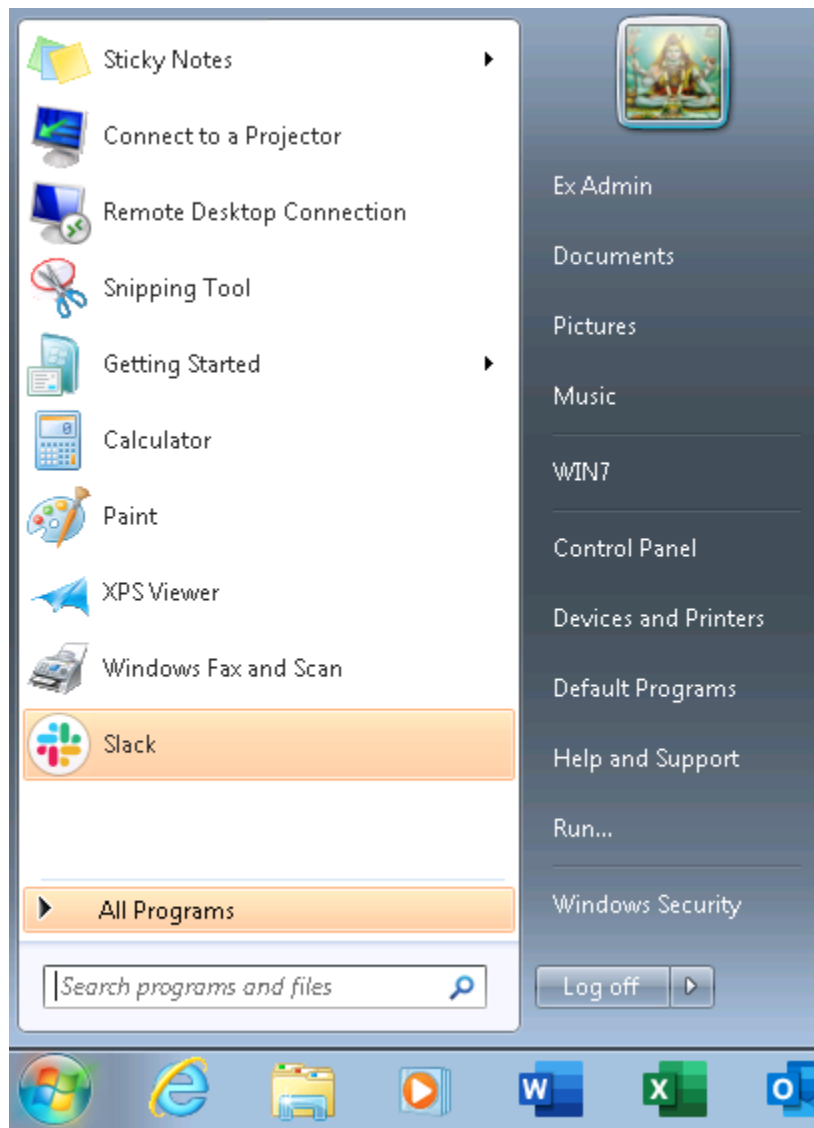


Now the application is visible in Software Center. No need to refresh any policy.

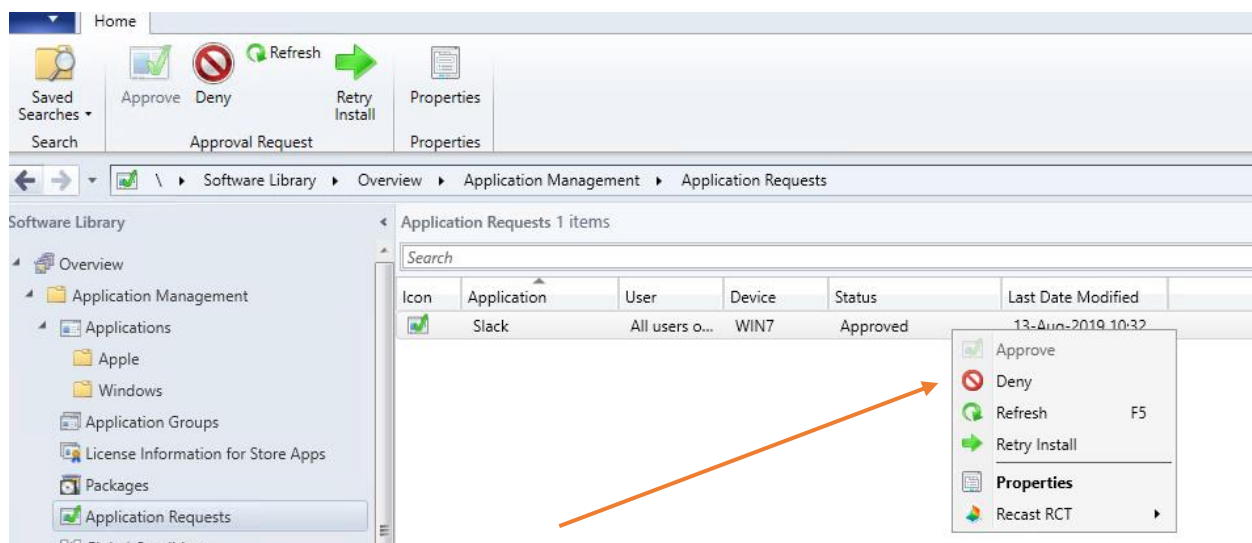


After few seconds the application is installed automatically.





If you want to cancel or deny the application it can be done from here..



Improvements to application approvals – Following is detailed explanation for this feature.

- If you approve an app request in the console, and then deny it, you can now approve it again. The app is reinstalled on the client after you approve it.
- In the Configuration Manager console, Software Library workspace, under Application Management, the Approval Requests node is renamed Application Requests.
- There's a new WMI method, DeleteInstance to remove an app approval request. This action doesn't uninstall the app on the device. If it's not already installed, the user can't install the app from Software Center.
- Call the CreateApprovedRequest API to create a pre-approved request for an app on a device. To prevent automatically installing the app on the client, set the AutoInstall parameter to FALSE. The user sees the app in Software Center, but it's not automatically installed.

OPERATING SYSTEM DEPLOYMENTS:

Task Sequence Debugger - The task sequence debugger is a new troubleshooting tool. You deploy a task sequence in debug mode to a collection of one device. It lets you step through the task sequence in a controlled manner to aid troubleshooting and investigation.

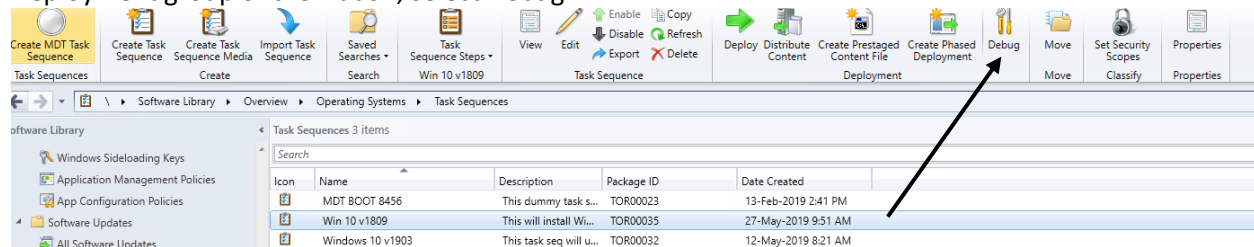
Prereqs

- > Full OS:
 - > Must be logged as account with administrative rights
 - > SCCM 1906 client or higher (5.00.8853.1006)
- > WinPE:
 - > Boot image updated with SCCM 1906 client or higher (5.00.8853.1006)

! Note

You can only select a small collection for a debug deployment. It only displays device collections with 10 or less members.

So, for this example, I am going to use in place upgrade of Win 10 v1809. Select a task sequence. In the Deployment group of the ribbon, select Debug.



Deploy Software Wizard

General

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Completion

Specify general information for this deployment

Task sequence:Win 10 v1809Browse...

Collection:Win 10 Edition UpgradeBrowse...

☐ 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):

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Summary

Cancel

Deploy Software Wizard

General

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Distribution Points

Summary

Progress

Completion

Specify settings to control how this software is deployed

Action:Install

Purpose:Available

Specify whether to make this task sequence available to Configuration Manager clients, and whether it is available to run when you deploy an operating system by using boot media, prestaged media, or PXE.

Make available to the following:

Configuration Manager clients, media and PXE

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Summary

Cancel



Scheduling

General

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Distribution Points

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Progress

Completion

Specify the schedule for this deployment

This program will be available as soon as it has been distributed to the content servers unless it is scheduled for a later time below. For required applications, specify the assignment schedule.

☐ Schedule when this deployment will become available:14-Aug-2019 5:28 AM ☐ UTC☐ Schedule when this deployment will expire:14-Aug-2019 5:28 AM ☐ UTC

Assignment schedule:

New...

Edit...

Delete

There are no items to show in this view.

Rerun behavior:

Always rerun program

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Summary

Cancel



User Experience

General

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Progress

Completion

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

Notification settings:

- ☒ Allow users to run the program independently of assignments
- ☒ Show Task Sequence progress

When the scheduled assignment time 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.

Internet based clients:

- ☐ Allow task sequence to run for client on the Internet

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Summary

Cancel



Alerts

- General
- Deployment Settings
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- Alerts**
- Distribution Points
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- Completion

Specify Configuration Manager and Operations Manager alert options

Configuration Manager generates alerts when this task sequence is deployed.

Threshold for successful deployment

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

Percent success:
After:

Threshold for failed deployment

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

Percent failure:

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Summary

Cancel



Distribution Points

- General
- Deployment Settings
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- Distribution Points**
- Summary
- Progress
- Completion

Specify how to run the content for this program

Specify how clients interact with the distribution points to retrieve content from packages referred by the task sequence:

Deployment options:

Clients will always try to get content from distribution points in current boundary group. In addition, interaction with distribution points in neighbor boundary group can be controlled:

☐ Allow clients to use distribution points from the neighbor boundary group

When this content is not available on any distribution points in current and neighbor boundary groups, you can allow the client to use a distribution point in site default boundary group.

☐ Allow clients to use distribution points from the default site boundary group



Token based authentication (recommended) or a network access account must be configured to access content from Windows PE

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Summary

Cancel

Deploy Software Wizard

Summary

General

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Progress

Completion

Confirm the settings for this new deployment

Details:

Save As Template...

General

• Software: Win 10 v1809

• Collection: Win 10 Edition Upgrade (Member Count: 0)

• Use default distribution point groups associated to this collection: Disabled

• Automatically distribute content for dependencies: Disabled

• Pre-download content for this task sequence: Disabled

Deployment Settings

• Action: Install

• Purpose: Available

• Task sequence deployment option: Configuration Manager clients, media and PXE

• Allow clients to use a metered Internet connection to download content: Disabled

Scheduling

• Schedule when this deployment will become available: Disabled

• Schedule when this deployment will expire: Disabled

• Rerun behavior: Always rerun program

User Experience

• Allow users to run the program independently of assignments: Enabled

• Software installation: Disabled

• System restart (if required to complete the installation): Disabled

• Allow task sequence to run for client on the Internet: Disabled

• Commit changes at deadline or during a maintenance window (requires restarts): Enabled

• Show Task Sequence progress: Enabled

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

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Summary

Cancel

Deploy Software Wizard

Completion

General

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Completion

The Deploy Software Wizard completed successfully

Details:

✓ Success: General

• Software: Win 10 v1809

• Collection: Win 10 Edition Upgrade (Member Count: 0)

• Use default distribution point groups associated to this collection: Disabled

• Automatically distribute content for dependencies: Disabled

• Pre-download content for this task sequence: Disabled

✓ Success: Deployment Settings

• Action: Install

• Purpose: Available

• Task sequence deployment option: Configuration Manager clients, media and PXE

• Allow clients to use a metered Internet connection to download content: Disabled

✓ Success: Scheduling

• Schedule when this deployment will become available: Disabled

• Schedule when this deployment will expire: Disabled

• Rerun behavior: Always rerun program

✓ Success: User Experience

• Allow users to run the program independently of assignments: Enabled

• Software installation: Disabled

• System restart (if required to complete the installation): Disabled

To exit the wizard, click Close.

< Previous

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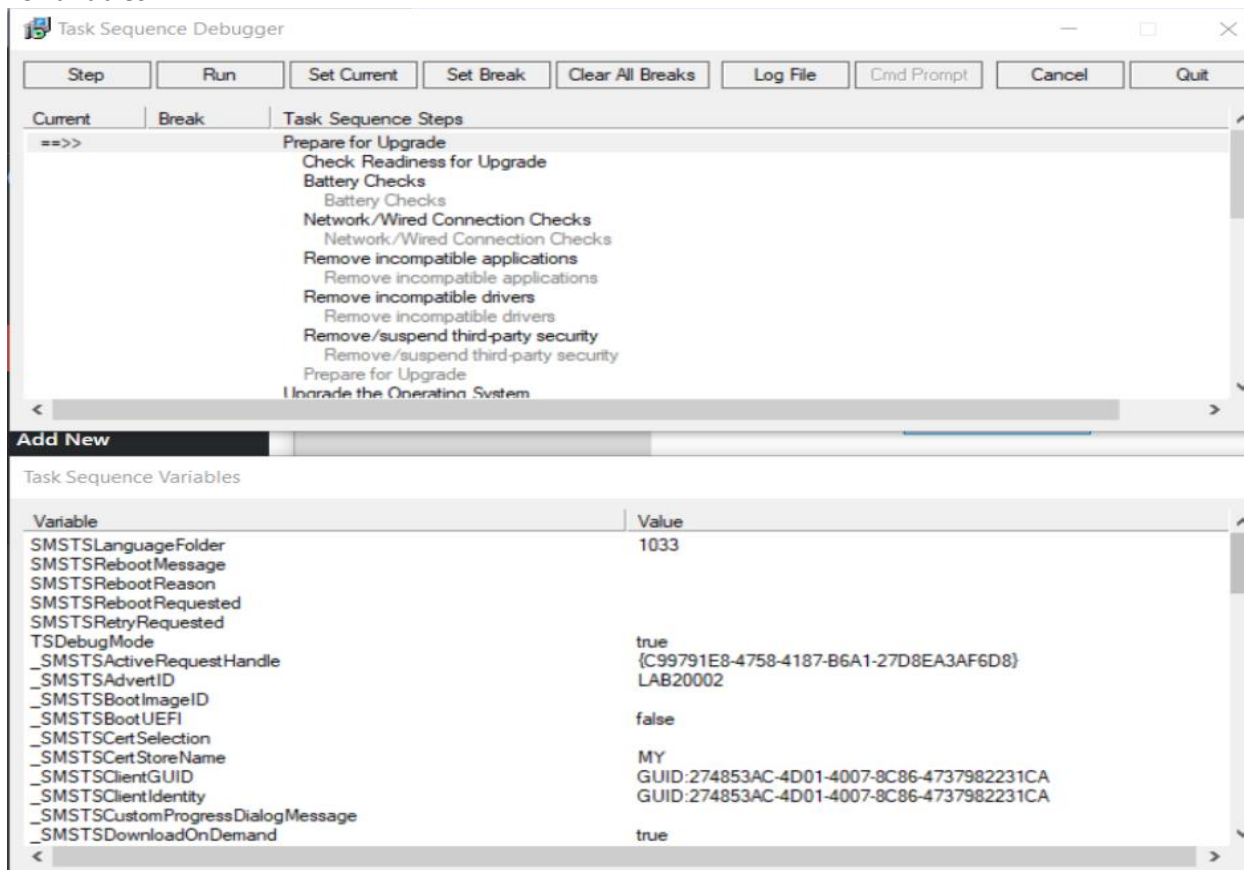
Summary

Close

Now on your client, run the available deployment from Software Center. The first thing you will notice is a UAC prompt. Considering that the task sequence, like most things in SCCM, runs as the LOCAL SYSTEM account, you would need administrative permissions and elevation to be able to edit what a task sequence is doing.



The task sequence then kicks off, and you get a beautiful popup with the TS Debugger and some of the TS variables.



The official [documentation](#) has an explanation for each of the steps.

- > **Step** – From the current position, run only the next step
- > **Run** – From the current position, run the task sequence to the end, next break point, or next step failure
- > **Set Current** – Select a step and use this to move the current pointer to that step
- > **Set Break** – Select a step and use this to set a break point
- > **Clear All Breaks** – Remove all break points
- > **Log File** – Opens the current smsts.log in CMTrace
- > **Cmd Prompt** – In Windows PE, opens the command prompt
- > **Cancel** – Close the debugger, and fail the task sequence
- > **Quit** – Detach and close the debugger, and run the task sequence normally

Variables

Glancing through the variables I found a few new ones.

- > **TSDDebugMode** – true or false
- > **_SMSTSNextInstructionPointer** – Integer for the next step pointer
- > **_SMSTSInstructionStackString** – Does not correlate to steps ran. Appears to be hex or binary bits?
- > **_SMSTSInstructionTableSize** – Size of the instruction pointer table (Kilobytes? Bytes? Bits? Not sure.)

Clear app content from client cache during task sequence – If you have included any apps to install during the task sequence then you can check this box to clear the cache after installation.

MDT BOOT 8456 Task Sequence Editor

Properties Options

Type: Install Application

Name: 100. Install Application

Description:

☐ Install the following applications

Name	Status	Object ID	Comments
There are no items to show in this view.			

☒ Install applications according to dynamic variable list

The list of applications consists of a series of task sequence variables with a common base name plus a number suffix starting at 01. Each variable value must contain application name.

Base variable name: COALESCEDAPPS

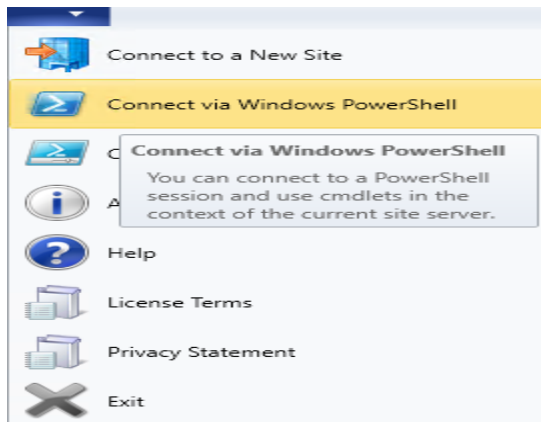
☒ If an application installation fails, continue installing other applications in the list

☐ Clear application content from cache after installing

OK Cancel Apply

Reclaim SEDO lock for task sequences - If the Configuration Manager console stops responding, you can be locked out of making further changes to a task sequence. Now when you attempt to access a locked task sequence, you can now Discard Changes, and continue editing the object.

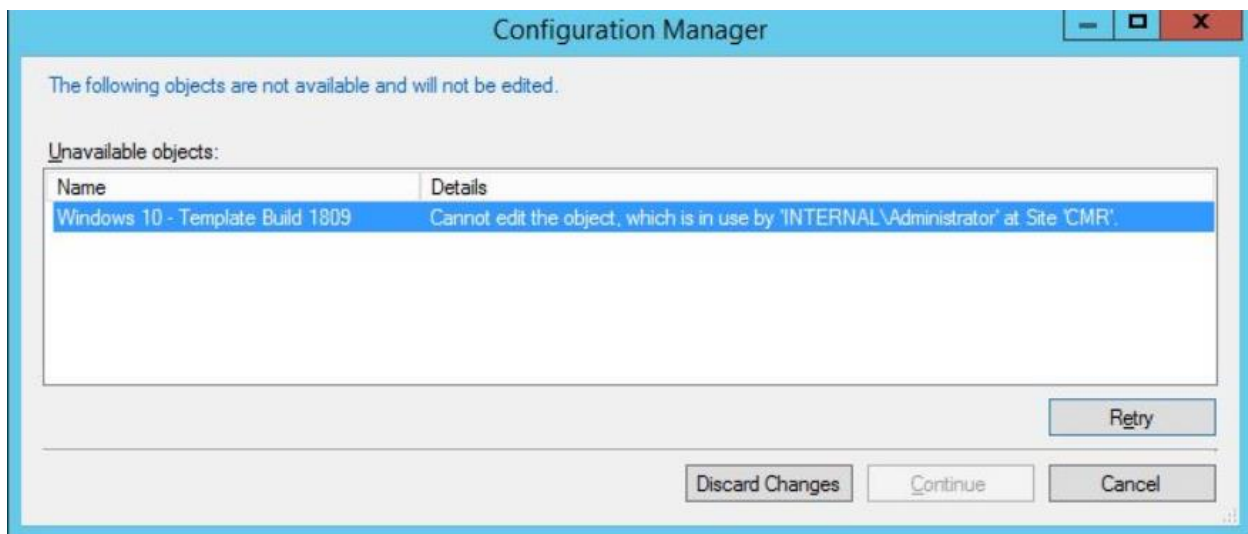
There are two way you can unlock. One through PS and other through GUI.



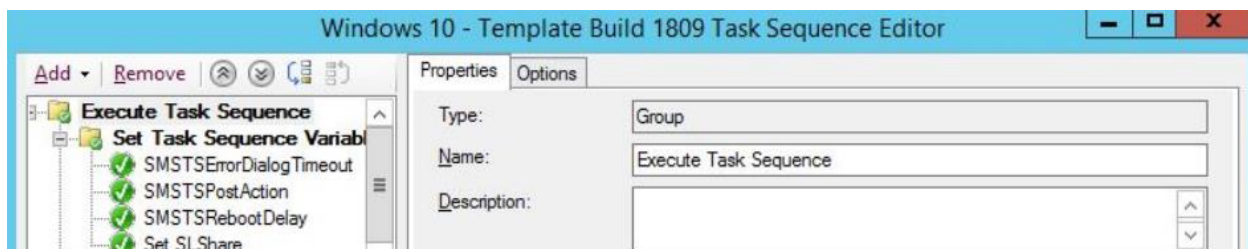
...and issue the PowerShell command:

Unlock-CMObject -InputObject (Get-CMTaskSequence -TaskSequencePackageId <TaskSequenceID>) -force

When the task sequence gets locked you will see this pop-up message to discard and continue editing.



If you click that button, then you will be straight into editing mode in your Task Sequence.



<https://insights.adaptiva.com/2019/how-to-unlock-task-sequences-configmgr-1906/>

Pre-cache driver packages and OS images - Task sequence pre-cache now includes additional content types. Pre-cache content previously only applied to OS upgrade packages. Now you can use pre-caching to reduce bandwidth consumption of:

- OS images
- Driver packages
- Packages

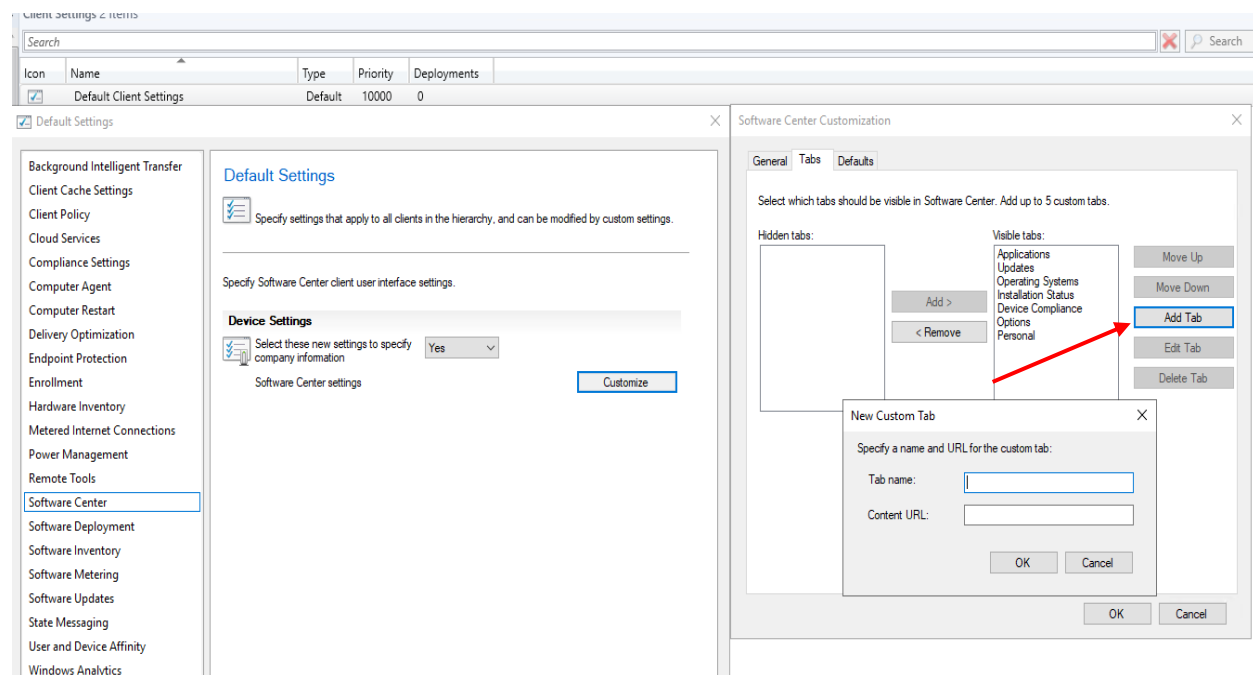
Improvements to OS deployment - This release includes the following improvements to OS deployment:

Use the following two PowerShell cmdlets to create and edit the Run Task Sequence step:

- New-CMTSStepRunTaskSequence
- Set-CMTSStepRunTaskSequence

SOFTWARE CENTER:

Improvements to Software Center tab customizations - You can now add up to five custom tabs in Software Center. You can also edit the order in which these tabs appear in Software Center.

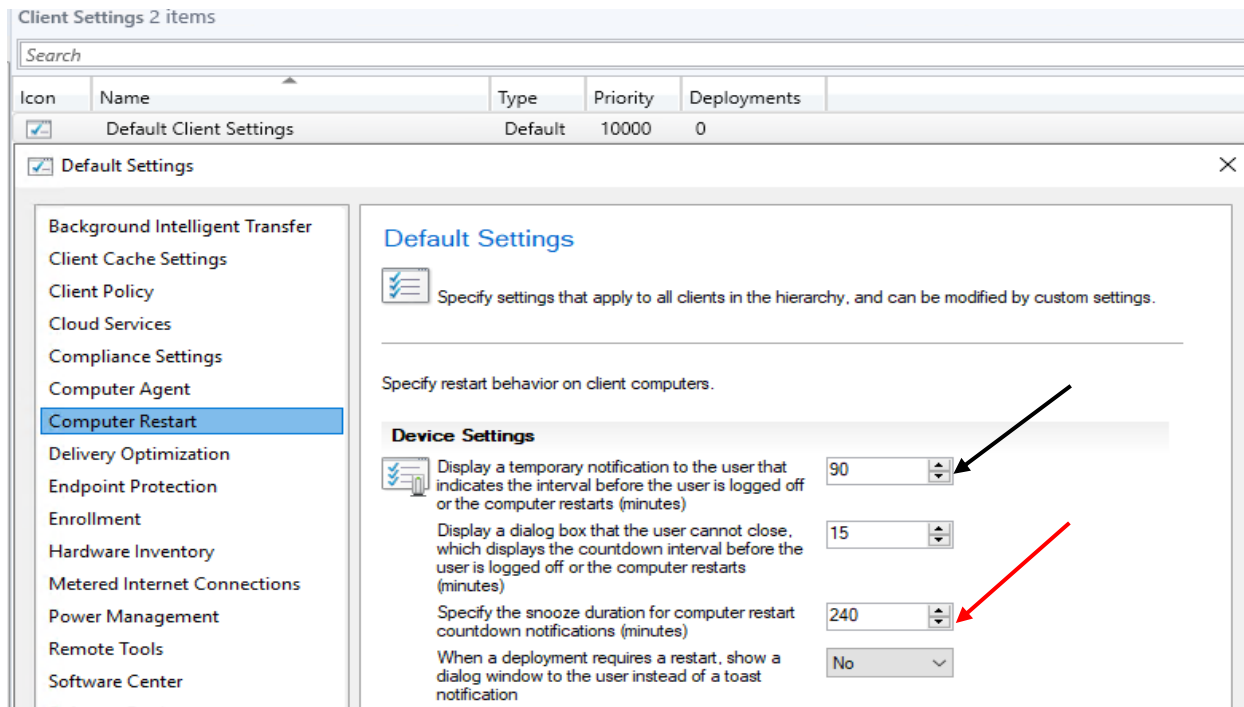


Redesigned notification for newly available software - The New Software is Available notification will only show once for a user for a given application and revision. The user will no longer see the notification each time they sign in. They'll only see another notification for an application if it has changed or was redeployed.

More frequent countdown notifications for restarts - End users will now be reminded more frequently of a pending restart with intermittent countdown notifications. You can define the interval for the intermittent notifications in Client Settings on the Computer Restart page.

Change the value for Specify the snooze duration for computer restart countdown notifications (hours) to configure how often a user is reminded about a pending restart until the final countdown notification occurs.

Additionally, the maximum value for Display a temporary notification to the user that indicates the interval before the user is logged off or the computer restarts (minutes) increased from 1440 minutes (24 hours) to 20160 minutes (two weeks).



Direct link to custom tabs in Software Center - You can now provide users with a direct link to a custom tab in Software Center.

Use the following URL format to open Software Center to a particular tab:

softwarecenter:page=CustomTab1

The string CustomTab1 is the first custom tab in order.

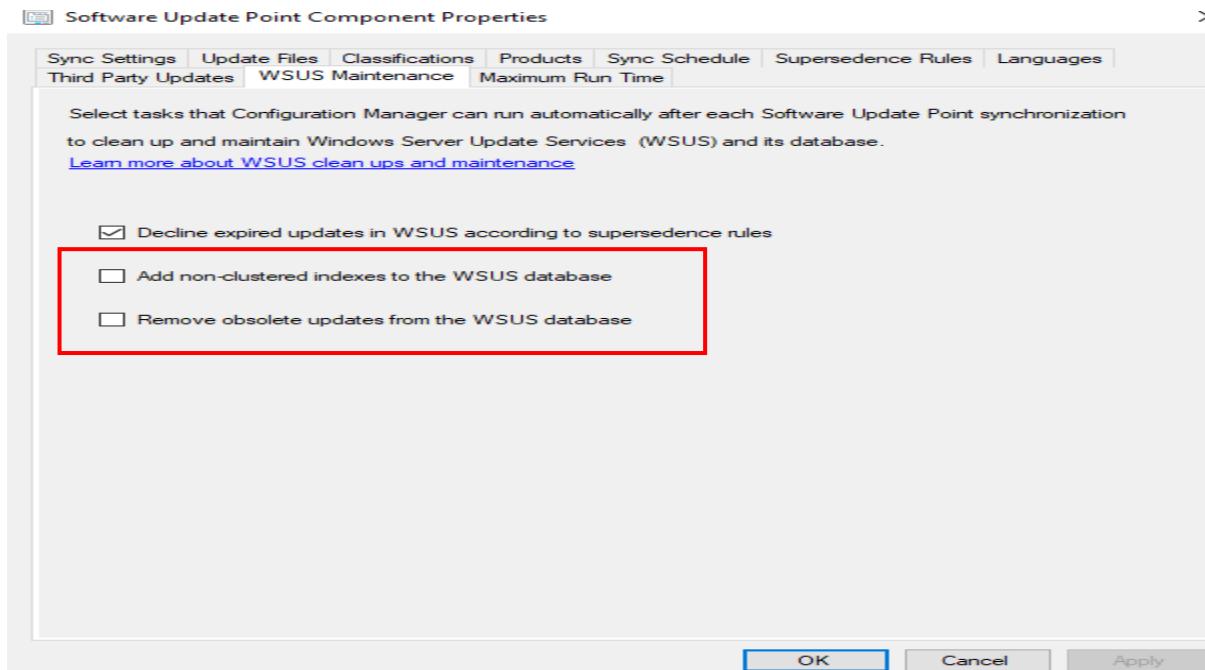
You can also use this syntax to open default tabs in Software Center:

Command line	Tab
AvailableSoftware	Applications
Updates	Updates
OSD	Operating Systems
InstallationStatus	Installation status
Compliance	Device compliance
Options	Options

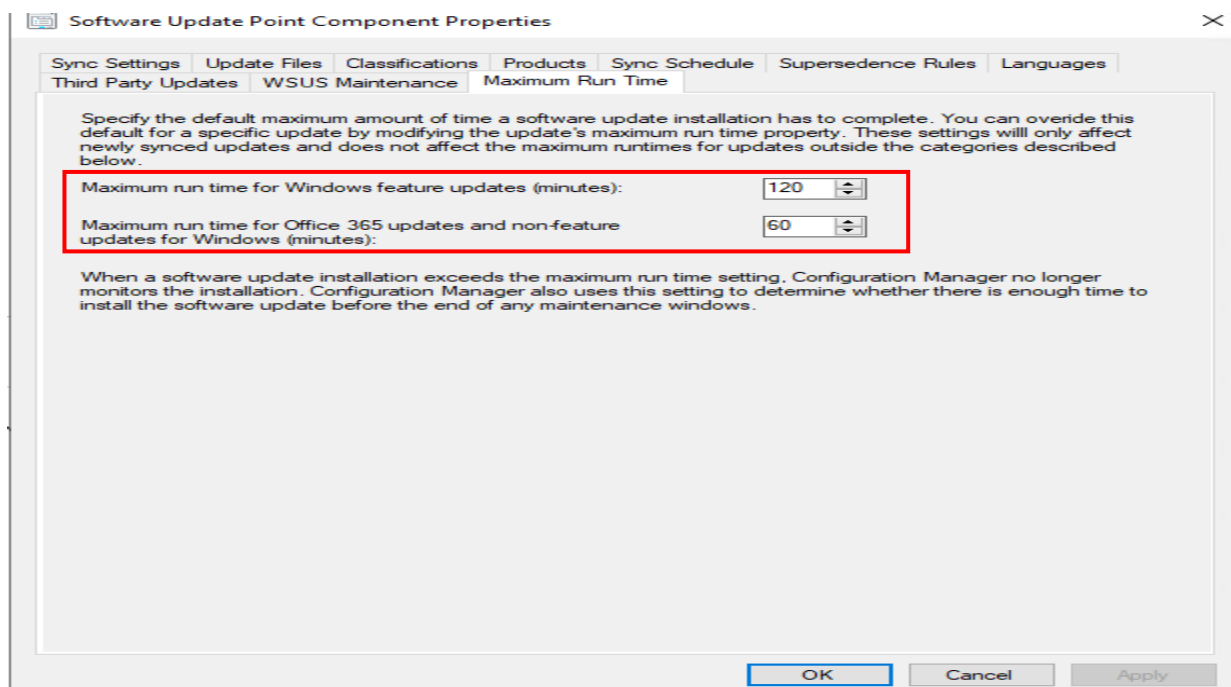
SOFTWARE UPDATES:

Additional options for WSUS maintenance - You now have additional WSUS maintenance tasks that Configuration Manager can run to maintain healthy software update points. In addition to declining expired updates in WSUS, Configuration Manager can now:

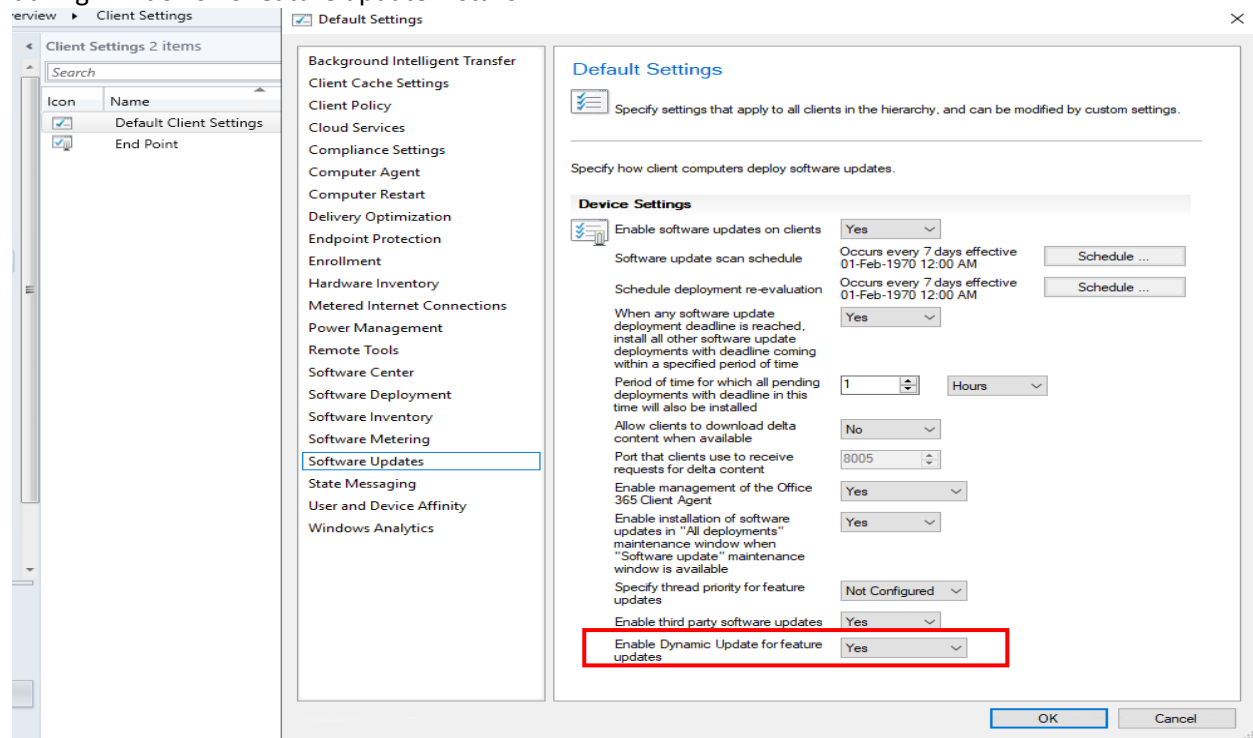
- Remove obsolete updates from the WSUS database.
- Add non-clustered indexes to the WSUS database to improve WSUS cleanup performance.



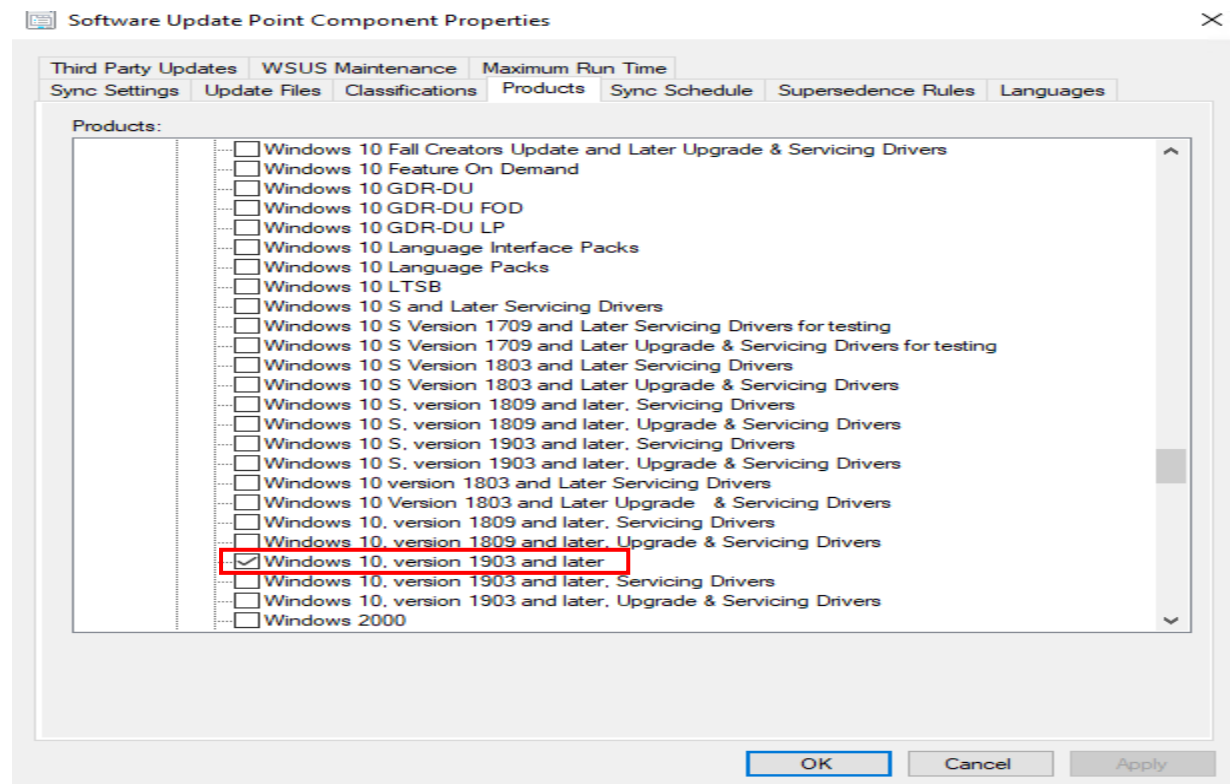
Configure the default maximum run time for software updates - You can now specify the maximum amount of time a software update installation has to complete. You can specify the following items in the Maximum Run Time tab on the Software Update Point:



Configure dynamic update during feature updates - Use a new client setting to configure Dynamic Update during Windows 10 feature update installs.



New Windows 10, version 1903 and later product category - Windows 10, version 1903 and later was added to Microsoft Update as its own product rather than being part of the Windows 10 product like earlier versions.



Drill through required updates - You can now drill through compliance statistics to see which devices require a specific software update.

Here is an example for Office 365 Updates. When you click View Required it will take you to the device that require this update.

Software Library

Office 365 Updates 32 items

Icon	Title	Article ID	Required	Installed	Percent Compliant	Downloaded	Deployed	Date Released
	Office 2019 Perpetual...	3104046	6	2	33	No	No	02-Jul-2019 4:53 AM
	Office 2019 Perpetual...	3104046	0	0	100	No	No	02-Jul-2019 4:53 AM
	Office 365 Client Upd...	3104046	0	0	100	No	No	10-Jan-2017 10:08 PM
	Office 365 Client Upd...	3104046	0	0	100	No	No	10-Jan-2017 10:08 PM
	Office 365 Client Upd...	3104046	0	8	100	No	No	10-May-2017 9:38 PM
	Office 365 Client Upd...	3104046	0	0	100	No	No	10-May-2017 9:38 PM
	Office 365 Client Upd...	3104046	0	8	100	No	No	13-Jun-2017 7:21 PM
	Office 365 Client Upd...	3104046	0	8	100	No	No	13-Jun-2017 8:48 PM
	Office 365 Client Upd...	3104046	0	8	100	No	No	27-Jul-2017 11:11 PM
	Office 365 Client Upd...	3104046	0	0	100	No	No	27-Jul-2017 11:11 PM
	Office 365 Client Upd...	3104046	0	0	100	No	No	12-Apr-2017 12:46 AM
	Office 365 Client Upd...	3104046	0	2	100	No	No	12-Apr-2017 12:46 AM
	Office 365 Client Upd...	3104046	0	8	100	No	No	26-Jun-2017 8:04 PM
	Office 365 Client Upd...	3104046	0	0	100	No	No	26-Jun-2017 8:04 PM

Office 2019 Perpetual Enterprise Client Update Version Perpetual for x64 based Edition (Build 10348.20020)

Detail

Severity: None
Bulletin ID:
Article ID: 3104046
Date Released: 02-Jul-2019 4:53 AM
Date Released or Revised: 02-Jul-2019 4:53 AM
Superseded: No
Comments: No

Statistics

Total Asset Count: 9 (Last Update: 11-Aug-2019 6:29:31 AM) [View Required](#)

Compliant: 2
Required: 6
Not Required: 1
Unknown: 0

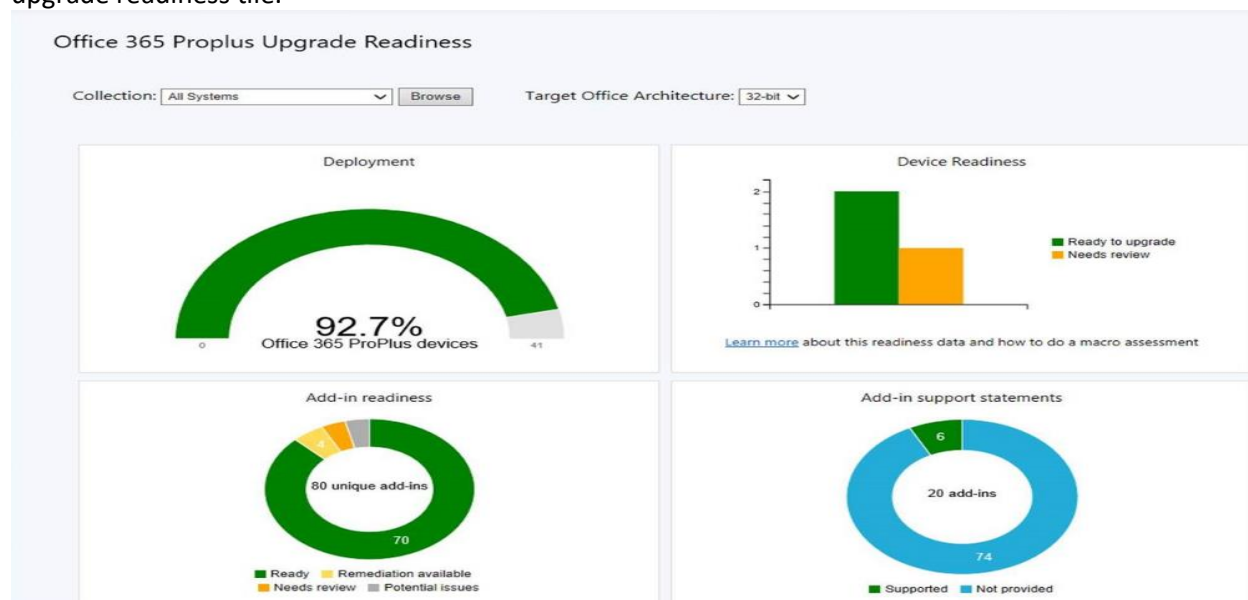
Overview Devices Office 2019 Perpetual Enterprise Client Update Version Perpetual for x64 based Edition (Build 10348.20020)

Office 2019 Perpetual Enterprise Client Update Version Perpetual for x64 based Edition (Build 10348.20020) 6 items

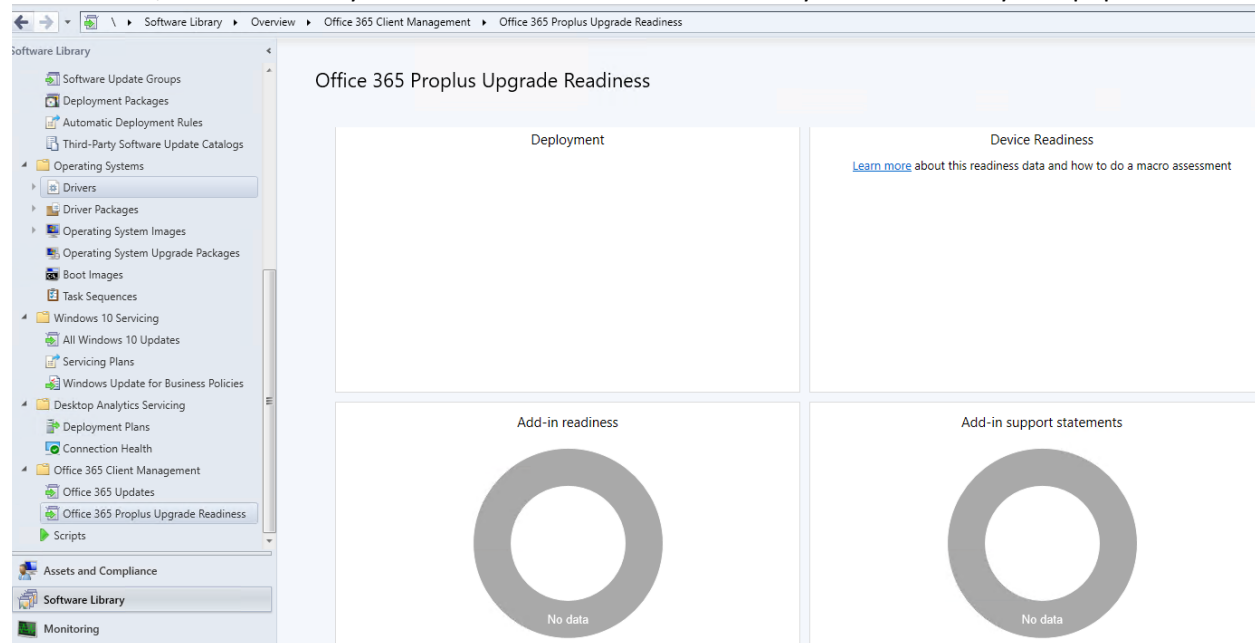
Icon	Name	Client Type	Client	Primary User(s)	Currently Logged on User	Site Code	Client Activity
	CB	Computer	Yes		RAMLAN\Administrator	TOR	Active
	DC	Computer	Yes		RAMLAN\Administrator	TOR	Active
	EX2019	Computer	Yes		RAMLAN\Administrator	TOR	Active
	OM	Computer	Yes		RAMLAN\Administrator	TOR	Active
	SFB	Computer	Yes		RAMLAN\Administrator	TOR	Active
	WIN10	Computer	Yes		RAMLAN\ram	TOR	Active

OFFICE MANAGEMENT:

Office 365 ProPlus upgrade readiness dashboard - To help you determine which devices are ready to upgrade to Office 365 ProPlus, there's a new readiness dashboard. It includes the Office 365 ProPlus upgrade readiness tile.



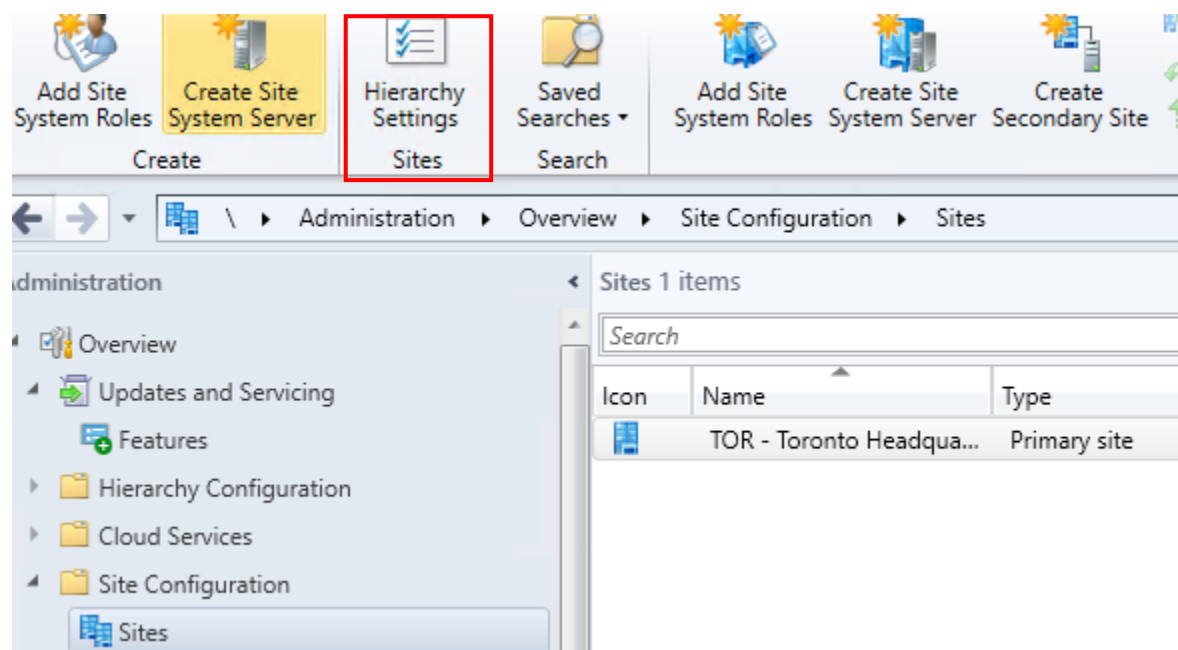
At home lab, I don't have any Office 365 Product installed. Hence you don't see any info populated.



CONFIGURATION MANAGER CONSOLE:

Role-based access for folders - You can now set security scopes on folders. If you have access to an object in the folder but don't have access to the folder, you'll be unable to see the object. Similarly, if you have access to a folder but not an object within it, you won't see that object. Right-click a folder, choose Set Security Scopes, then choose the security scopes you want to apply.

Administration service support for security nodes - You can now enable some nodes of the Configuration Manager console to use the administration service.



Hierarchy Settings Properties

General Licensing Diagnostic and Usage Data Client Approval and Conflicting Records Authentication Client Upgrade

Configure the settings for all sites in the hierarchy.

☐ Use a fallback site

Specify a site in the hierarchy to which clients are assigned when they are installed by using automatic site assignment and they are not in a boundary group that has an assigned site.

Fallback site: TOR-Toronto Headquarters Site

☒ Clients prefer to use management points specified in boundary groups

☒ Consent to use Pre-Release features

By checking this box, you agree to the use of pre-release features that might be included in Configuration Manager for early testing. Pre-release software might not work the same way as a production-ready version of the software. It is also possible that pre-release software remains pre-release only, and will not be included as a production-ready feature.

This is a permanent choice that cannot be undone.

After consenting to use pre-release features you turn them on in Administration - Overview - Updates and Servicing.

☐ Script authors require additional script approver

☒ Configure client peer cache sources to divide content into parts. These parts minimize the network transfer to reduce WAN utilization

☐ Enable the Configuration Manager console to use the administration service

OK Cancel Apply

Collections tab in devices node - This tab lists the collections that include this device. In this example CB is part of various collections.

Assets and Compliance Overview Devices

Assets and Compliance

Overview

Users

Devices

Office 2019 Perpetual Enterprise Client U

Security Intelligence Update for Window

User Collections

Device Collections

User State Migration

Asset Intelligence

Catalog

Inventoried Software

Hardware Requirements

Product Lifecycle

Software Metering

Compliance Settings

Configuration Items

Configuration Baselines

User Data and Profiles

OneDrive for Business Profiles

Remote Connection Profiles

Compliance Policies

Conditional Access

Assets and Compliance

Software Library

Monitoring

Administration

Community

Devices 13 items

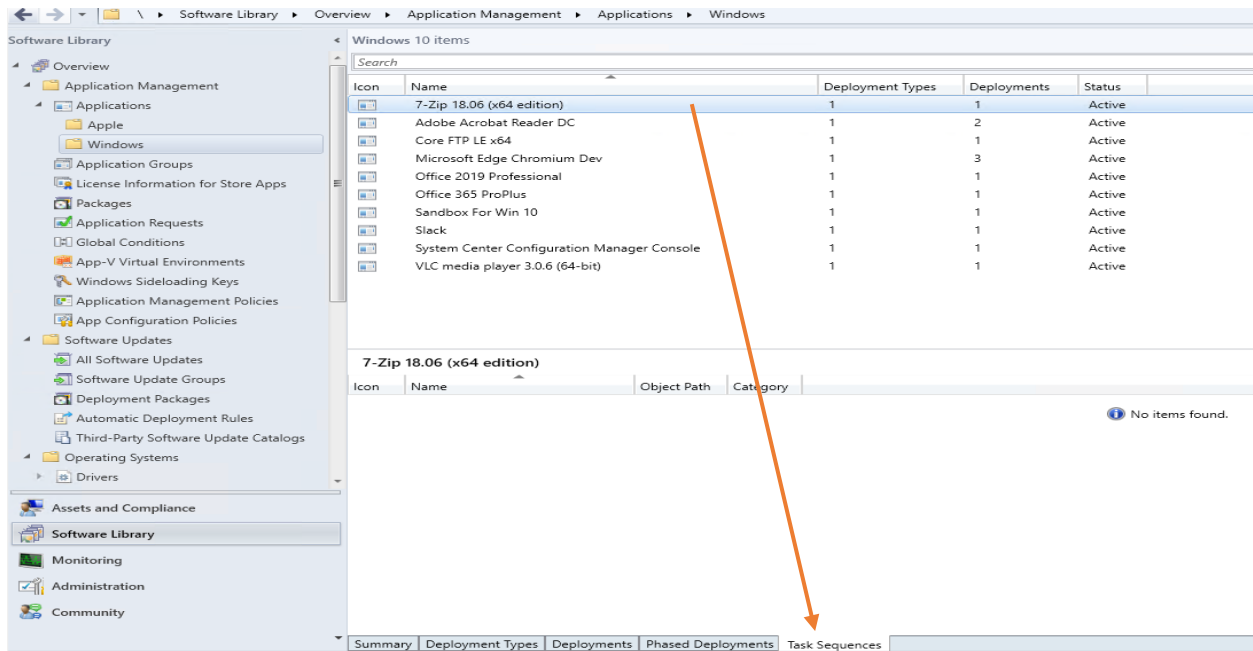
Icon	Name	Client	Primary User(s)	Currently Logged on User	Site Code	Client Acti
	192.168.0.1	No				
	CB	Yes		RAMLAN\Administrator	TOR	Active
	DC	Yes		RAMLAN\Administrator	TOR	Active
	EX2019	Yes		RAMLAN\Administrator	TOR	Active
	OFFICESERVER	Yes		RAMLAN\Administrator	TOR	Active
	OM	Yes		RAMLAN\Administrator	TOR	Active
	SFB	Yes		RAMLAN\Administrator	TOR	Active
	TESTV1809	No		RAMLAN\devon		
	WIN10	Yes		RAMLAN\ram	TOR	Active
	WIN7	Yes		RAMLAN\exadmin	TOR	Active
	WIN8	Yes		RAMLAN\ramlan	TOR	Active
	x64 Unknown Computer...	No			TOR	
	x86 Unknown Computer...	No			TOR	

CB

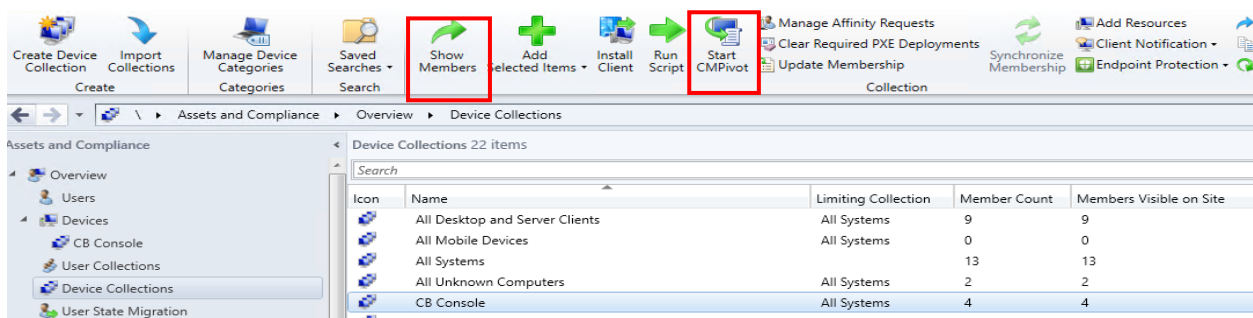
Collection ID	Collection name	Limit to collection ID	Limit to collection name
SMSDM003	All Desktop and Server Clients	SMS00001	All Systems
SMS00001	All Systems		
TOR00022	Defender	SMS00001	All Systems
TOR0001E	Office 2019	SMS00001	All Systems
TOR00024	Others	SMS00001	All Systems
TOR00014	Server 2019	SMS00001	All Systems
TOR0001B	Servers	SMS00001	All Systems
TOR00015	SQL 2017	SMS00001	All Systems

Summary Client Check Detail Malware Detail Antimalware Policies Client Settings Collections

Task sequences tab in applications node - This tab list the application that are part of the task sequences. In this example, I picked 7-Zip which is not part of the task sequence.



Real-time actions from device lists - There are various ways to display a list of devices under the Devices node in the Assets and Compliance workspace.



Order by program name in task sequence - In the Software Library workspace, expand Operating Systems, and select the Task Sequences node. Edit a task sequence, and select or add the Install Package step. If a package has more than one program, the drop-down list now sorts the programs alphabetically.

This concludes exploring all the new features in Current Branch 1906.

Enjoy!

Ram Lan
14th Aug 2019

Below mentioned features are outside my scope as, I don't have CMG, CDP and Azure Services installed / available within home lab. As a result, I am not able to provide information or screen shot. You can find more about the feature and configuration details at Microsoft site.

CLOUD MANAGEMENT: AZURE ACTIVE DIRECTORY DISCOVERY AND SYNCHRONIZATION
DESKTOP ANALYTICS: INSIGHT FOR DESKTOP APPS
CLIENT MANAGEMENT -VIRTUAL DESKTOP