

What's new in Configuration Manager 1702 and beyond

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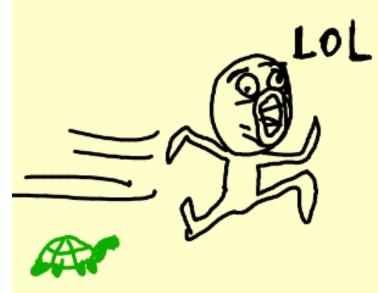
Releases since summer of 2016

- Configuration Manager 1606 CB
- Configuration Manager 1606 TP
- Configuration Manager 1607 TP
- Configuration Manager 1608 TP
- Configuration Manager 1609 TP
- Configuration Manager 1610 CB
- Configuration Manager 1610 TP

Configuration Manager 1612 TP Configuration Manager 1701 TP Configuration Manager 1702 CB Configuration Manager 1703 TP Configuration Manager 1704 TP

Configuration Manager 1611 TP

=Awesome development!





Configuration Manager LTSB

- Also available as of the new release is a long term servicing branch (LTSB) release of Configuration Manager
 - It is a very limited functionality release!
 - Removes most features that rely on cloud access, such as Intune integration, Windows 10 CB and CBB management, Updates and Servicing, Asset Intelligence, cloud distribution points, etc.
 - Limited client builds are supported, and no new operating systems are expected to be supported
 - Supported for 10 years without updates



When to Use Configuration Manager LTSB

- Realistically only for customers who let their Software Assurance lapse, and legally must removed the existing installed version, such as Configuration Manager 2012 R2 SP1
 - Other than that, ALWAYS remain on current branch
 - Can convert from LTSB to current branch if necessary



Technical Preview



Production versus Technical Preview

- Production sites have production ready updates available to them
 - Not technical preview builds
- Technical preview sites have technical preview (early release) builds available
 - Not production ready builds
- Technical previews offer a glimpse at what "may" be released to "production" in some future production ready release
 - No guarantee that anything in a technical preview release ever moves to a production build
 - However the expectation is that they will eventually be included in a production release



How do I install updates in Technical Preview sites?

- The Updates and Servicing node is your friend ©
- The same process as production sites, just different update packs applicable
 - Production updates are never applicable for TP
 - TP updates are never applicable for production
 - However the update process is exactly the same
 - One exception, as technical preview sites do not support offline mode as production sites do
 - So technical preview sites are only supported in online mode



Pre-release features



Pre-Release Features

- Fully functional features ready for production.
- Why still in Pre-release? Not tested enough in scale or some critical features still not present.
- If you need/want one of the features enable Pre-release features in your site.
- Provide feedback!

eneral	Client Approval and	Conflicting Records	Client Upgrade	Automatic Mac Client Upgrade	
	Configure the setting	ngs for all sites in the	hierarchy.		
Us	e a fallback site				
	ofy a site in the hiera			n they are installed by using automatic	: ste assignment and
			-		
Fall	back site:	EK1-eRient i Samve	ƙan		.
		agement points spec	fied in boundary	proups	
Cle	ents prefer to use man				
Cle	ints prefer to use man				
	nsent to use man	ase features			
⊡ ⊡ Cor	nsent to use Pre-Rele		pre-release featur	es that might be included in Configura	ion Manager for early



What's new 1702!



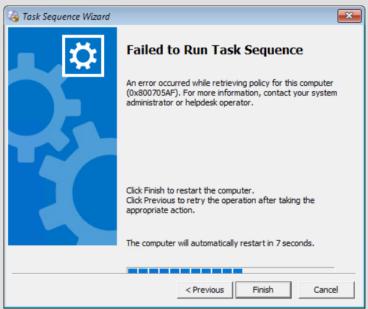
Version 1702 drops support for the following products!

- SQL Server 2008 R2, for site database servers.
- Windows Server 2008 R2, for site system servers and most site system roles.
- Windows Server 2008, for site system servers and most site system roles.
- Windows XP Embedded, as a client operating system.



Return to previous page when a task sequence fails

- When a task sequence starts you have the option to retry the province start
- Only applies to:
 - If no TS is available for that computer
 - If a Package is missing on the DP





Express installation files support for Windows 10 updates

- Requires an update to Windows 10 1607 (CU April 2017) or 1703
- Will increase the size of the content downloaded to WSUS / Software Update packages
- Increases the size of the Downloaded updates to the WSUS/DP
- Decreases the size of the amount of data the clients need to download

∛-n	Enable software updates on clients	Tes 🗸
	Manage Windows 10 updates with Windows Update for Business	No 🗸
	Software update scan schedule	Occurs every 7 days effective 1970-02-01 00:00 Schedule
	Schedule deployment re-evaluation	Occurs every 7 days effective 1970-02-01 00:00 Schedule
	When any software update deployment deadline is reached, install all other software update deployments with deadline coming within a specified period of time	No V
	Period of time for which all pending deployments with deadline in this time will also be installed	1 🗘 Hours V
	Enable installation of Express installation files on clients	No Y
	Port used to download content for Express installation files	8005 👶
	Enable management of the Office 365 Client Agent	Not Configured V



Windows Store for Business support in Configuration Manager

- Makes it possible to deploy Online apps as Available from the Windows Store for Business
- Support for line of business apps in Windows Store for Business
- Requires:
 - Windows 10 1703
 - Update for Windows 10 1607



Software update points are added to boundary groups!!

- Probably one of the biggest and most asked for feature from an infrastructure perspective!
- Software Update points are now Boundary aware!
- Eliminates more scenarios where a CAS is required, only small features still left to solve.

eneral References Relatio	ships Security				
Site assignment					
✓ Use this boundary group for site assignment					
	lways assign to the secondary site's parent primary site.				
Assigned site:	EK1 - Minet i Serveden				
	EK1-eKlient i Samverkan 🗸				
-					
- Select site system servers					
- Select site system servers Specify the site system ser	ers that are associated with this boundary group, which clients				
- Select site system servers Specify the site system ser	ers that are associated with this boundary group, which clients anagement points, distribution points, state migration points, or s				
- Select site system servers Specify the site system ser					
- Select site system servers Specify the site system ser					
Select site system servers Specify the site system ser content. You can specify n					
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Select site system servers – Specify the site system ser content. You can specify n Site system servers: Filter	anagement points, distribution points, state migration points, or s				
Select site system servers Specify the site system ser content. You can specify n Site system servers: Filter Server Name	anagement points, distribution points, state migration points, or s				
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Select site system servers Specify the site system ser content. You can specify n Site system servers: Filter Server Name	anagement points, distribution points, state migration points, or s				



Customize high-risk deployment warning

- New default message for all High-Risk deployments
- Possible to create a custom message
- Can also customize the information in Software Center

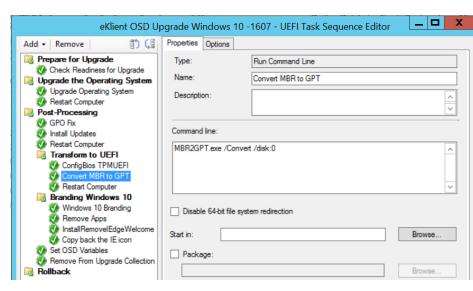
Upgrade to Windows 10 1607 Properties
General Advanced User Notification Security
✓ This is a high-impact task sequence
User notification text:
◯ Use default text
• Use custom text:
User notification headline text:
Upgrade to the latest version of Windows 10
User notification message text:
This procedure will upgrade your computer to the latest version of Windows 10.
It will take approx. 30 minutes and all your data, apps everything is kept on the machine!
You will not Loose any data!
OK Cancel Apply



Convert MBR to GPT during in-place upgrade

- New in Windows 10 1703
- Can convert MBR to GPT on an installed OS
- Built to run from WinPE
- You can use MBR2GPT to convert an MBR disk with BitLocker-encrypted volumes as long as protection has been suspended.
- To resume BitLocker after conversion, you will need to delete the existing protectors and recreate them.

https://technet.microsoft.com/enus/itpro/windows/deploy/mbr-to-gpt





Other changes

- Improvements for in-console search
- Deploy Office 365 apps to clients
- Detect outdated antimalware client versions
- Conditional access for PCs managed by System Center Configuration Manager
- Content Library Cleanup Tool



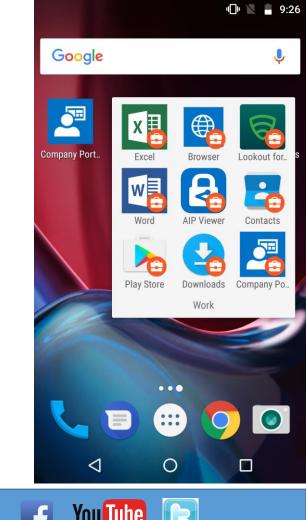
Intune Hybrid





Android for Work support

- Enroll Android for Work devices
- Approve and deploy Android for Work apps
- Create configuration items for Android for Work
- Selective wipe on Android for Work devices
- Email profiles for Android for Work
- Compliance policies for Android for Work





Apple iOS

Configuration Manager version	App supports device licensing?	Deployment collection type	Claimed license
Earlier than 1702	Yes	User	User license
Earlier than 1702	No	User	User license
Earlier than 1702	Yes	Device	User license
Earlier than 1702	No	Device	User license
1702 and later	Yes	User	User license
1702 and later	No	User	User license
1702 and later	Yes	Device	Device license
1702 and later	No	Device	User license



Other

- Change to configuring multi-factor authentication for device enrollment
- New Windows Hello for Business notification for end users
- Additional iOS configuration settings 42 new settings.
- Lookout Threat Details





Pre-release 1702



Pre-Release 1702

Name	Feature Type	Status	Description
Pre-release - Data warehouse service point	Pre-release	On	Use the data ware
Pre-release - Task Sequence content pre-caching	Pre-release	On	Pre-cache content
Pre-release - Cloud Management Gateway	Pre-release	On	Provides a simple
Pre-release - Server groups	Pre-release	On	Control settings fo
Pre-release - Install Behavior for applications	Pre-release	On	Specify a list of ex
Pre-release - Client Peer Cache	Pre-release	On	Client Peer Cache i
Pre-release – Device Guard	Pre-release	On	Lets you lock dow
Pre-release - Microsoft Operations Management Suite (OM	Pre-release	On	Sync data such as



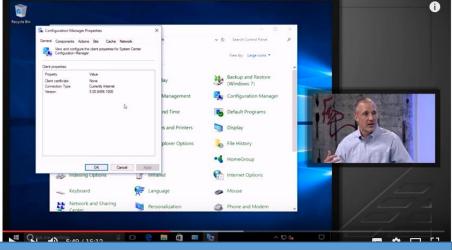


Cloud Management Gateway

- Supports MP and SUP
- Used together with Cloud DP to provide content
- Manage your Configuration Manager clients any where on the Internet

www.scug.se

- Requires SSL
- Enables new scenarios!



https://www.youtube.com/watch?v=3lZskYiZsIU&t=5s



Pre-Cache Task Sequence content

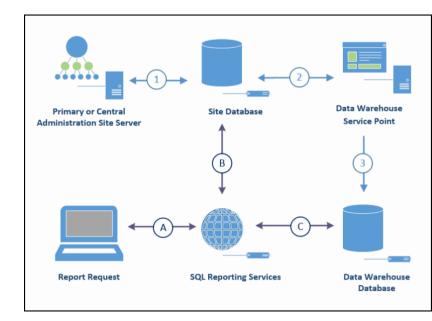
- Pre-cache content for available deployments and task sequences
- Example usage Windows 10 Upgrade

	rade to Wind					
General	Deployment Settings	Scheduling	User Experience	Distribution Point	s Alerts	
Task	sequence:	Upgrade to Wi	indows 10 1607			Browse
Colle	ction:	OS Deploymer	nt			Browse
	re-download conter nents (optional):	t for this task	sequence			
		t for this task	sequence			^
		t for this task	sequence			^
		t for this task	sequence			^
		t for this task	sequence			^
		t for this task	sequence			



Data Warehouse

- Long term storage of SCCM information
- New historical reports
- Example usage
 - Software Update compliance
 - SCEP historical reporting





Check for running .exe when installing applications

- One of the ideas on User Voice with the most votes!!
- Makes it possible to check if one or more applications is running when deploying an application (only application)
- If deployed to user as available in Software Center a message is displayed to the user.
- If deployed as required without force close of applications it will fail.
- Force close does just that just closes the running apps.

-	status > Application Details	
Softv	vare Center	×
	eKlient eKlient	
8	Unable to make changes to your software	
-	There was a problem applying changes to the software. You can try again.	. [
	Or, if the problem continues, the information that is shown in the following section can assist your help desk in troubleshooting.	
	Click OK to return to Software Center.	
	More information	_
	0x87D00443(-2016410557)	
	0x87D00443(-2016410557)	

A 14 1 1 1 1 1 1 1

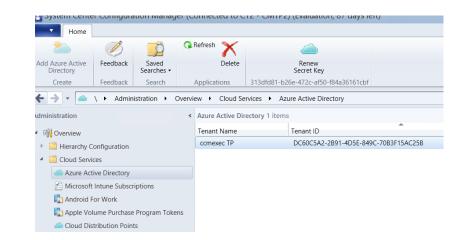


What's new in 1703 TP



Azure Active Directory onboarding (1702TP)

- New feature for onboarding to Azure AD
- Initial use User policies for computers using the Cloud Management Gateway





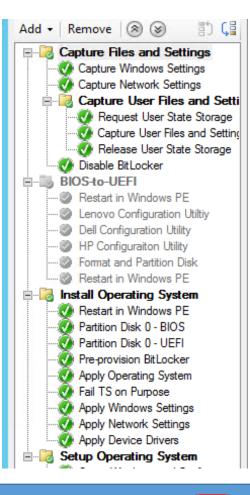
RESTful OData endpoint(1702 TP)

- Makes it possible to access information in Configuration Manager using a Restful API.
- Enabled on Site Systems
- Use your favorite tool to access Configuration Manager data, Excel, PowerBI and so on.
- Read-only access (For now!!)





Collapsible Groups in TS





Windows Analytics

- Is now a client setting
- Proves the investment made in Windows Analytics by Microsoft
- Simplifies deployment

	Default Settings	x
Background Intelligent Transfer Client Cache Settings Client Policy Cloud Services Compliance Settings Computer Agent Computer Restart Endpoint Protection Enrollment Hardware Inventory Metered Internet Connections Power Management Remote Tools Software Deployment Software Inventory Software Metering Software Wetering Software Updates State Messaging User and Device Affinity Windows Analytics	Default Settings Image: Specify settings that apply to all clients in the hierarchy, and can be modified by custom settings. Specify settings to enable Windows telemetry and analytics on client machines. To add Azure subscription options, go to Administration > Cloud Services. Device Settings Commercial ID Telemetry level on Windows 10 devices Opt in to commercial data collection or Windows 7.8, and 8.1 devices Configure Internet Explorer data collection (Enable collection for sites in selected URL Security Zones)	
	OK Cancel Activate	



What's new in 1704 TP



Nested Task Sequence!!

- New "Run Task Seqeunce" Step
- Some limitations, check to docs
- Great new possibilites with this!

1			
	Deploy Windows 10) Task Sequence Editor	_ D X
Add - Remove 🛞 🎯 🟥 🗯	Properties Options		
	Type:	Run Task Sequence	
Capture Windows Settings	Name:	Run Task Seguence	
Capture Network Settings	Nume.	hun Task Sequence	
Capture User Files and Setti	Description:		<u>^</u>
Request User State Storage Of Capture User Files and Setting			~
Release User State Storage			
Disable BitLocker			
BIOS-to-UEFI	Select task sequence to		
Restart in Windows PE	Select task sequence to	iun.	
Lenovo Configuration Utiltiy	CT20001D-Because I ca	anili	Browse
Dell Configuration Utility	CT2000TD*Decause FC	311:::	Diowse
HP Configuraiton Utility Format and Partition Disk			
Pormat and Partition Disk Restart in Windows PE			
🕖 Restart in Windows PE			
Partition Disk 0 - BIOS			
Pre-provision BitLocker			
Apply Windows Settings			
Apply Network Settings			
Apply Device Drivers			
E Setup Operating System			
- 🥑 Setup Windows and Configuratior			
Enable BitLocker			
👽 Run Task Sequence			
< 111 >			
		ОК	Cancel Apply ate
			Surviva Surviva
		You Tuhe 🚺	

More new feat

- Secureboot inventory
- OS Image version display Column
- Android for Work App Configuration support
- Reload Win PE from Installed ADK
- Admin Console High DPI
 Support
 Oper
- BIOS-UEFI Duplicates
 Icon

General

General

Summary Progress

Completion

2

Update Boot Image Wizard

Update this boot image and optionally reload from ADK

This wizard will update the selected boot image with the latest Configuration Manager production client components, as well as optionally reload the boot image using the current version of Windows PE located in the installation directory of the Windows Assessment and Deployment Kit (ADK).

The content of this boot image package will be updated on the Distribution Points where it was previously distributed.

Selected Boot Image: "Boot image (x86)" (CT200004)

Version	Comment	OS Version	Client Version
10.0.14393.0		10.0.14393.0	5.00.8506.1000

Current Production Client Version: 5.00.8514.1000

Current Windows ADK Version: 10.0.14393.0

Reload boot image using the current version of Windows PE from the installed ADK

Next >

< Previous

Summary

Cancel



Sponsors





System Center User Group







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