



Wally Mead

Product Owner / MVP

Cireson

Wally.mead@cireson.com

@wally_mead

Upgrading to System Center Configuration Manager

Today's Agenda

- Migrating from Configuration Manager 2007
- Upgrading from Configuration Manager 2012

First Things First

- The official name of the new release is:
 - System Center Configuration Manager
 - No dates, no versions, just the product name
 - Some references refer to “Current Branch” after ConfigMgr
- So you need to be careful when talking to others about your specific version 😊
 - The current version is 1511
- It will receive updates frequently after upgraded to Configuration Manager

Upgrading to Configuration Manager

What can be upgraded to System Center Configuration Manager

Upgrade Support

- You can perform an in-place upgrade from:
 - Configuration Manager 2012 SP1
 - Configuration Manager 2012 SP2
 - Configuration Manager 2012 R2
 - Configuration Manager 2012 R2 SP1
- No upgrade support from Configuration Manager 2007
 - Must migrate or wipe-and-load

Migrating to Configuration Manager

What can be migrated to System Center Configuration Manager

Migration to Configuration Manager

- No in-place upgrade support from Configuration Manager 2007
 - Same scenario as with Configuration Manager 2012
- Migration will be supported from:
 - Configuration Manager 2007 SP2
 - Configuration Manager 2012 SP2 or R2 SP1
 - Really should perform in-place upgrade
 - Useful for hardware swaps at time of 'upgrade'
 - Configuration Manager
 - I.e. Lab to production



DEMO

Migration from Configuration Manager 2007

In-place Upgrade

How to upgrade to
System Center Configuration Manager

Site System Software Requirements

- There are some older operating systems and SQL Server versions that are no longer supported
 - Only Windows Server 2008 R2, Windows Server 2012 and Windows Server 2012 R2 are supported as site systems
 - Windows Server 2008 R2 support will be removed within this calendar year
 - Only SQL Server 2008 R2 SP3, SQL Server 2012 SP2 and SQL Server 2014 SP1 are supported for site database
 - Secondary sites support Express editions of SQL Server 2012 SP2 and SQL Server 2014 SP1

General Upgrade Process

- Verify software versions are supported
- Verify current environment is functioning properly
 - Site systems are healthy
 - Component status is OK
 - No inbox backlogs
 - Clients are communicating properly
 - Deployments are functioning correctly
- Backup current site/hierarchy

General Upgrade Process (2)

- Prepare for upgrade:
 - Remove MP relics
 - Uninstall AMT OOB and System Health Validator roles
 - Remove SUP NLBs
 - Disable maintenance tasks
- Run Prereqchk.exe
 - This may indicate that you need to upgrade some operating system components
- Run TestDBUpgrade
 - Upgrades a copy of the site database to the new version
- Upgrade from top down



DEMO

Upgrading to Configuration Manager

General Upgrade Process (3)

- Verify upgrade
 - Verify upgrade log
 - Verify site system health
 - Verify component status
 - Verify reports run
- Upgrade remote consoles
- Upgrade child sites
 - Recommended to upgrade child sites as soon as possible
- Upgrade clients



DEMO

Finishing the upgrade

Keeping Up to Date

- Once you've gotten to Configuration Manager (current version), it is essentially self-updating
 - Updates and Servicing feature to automatically download applicable updates
 - You have control over which you want to install
 - Supports disconnected site environments
 - Supports pre-production client testing before release to full production
 - In console monitoring of update status

Keeping Up to Date (2)

- You should expect updates to production environments every 3-4 months
 - Very much like the Windows 10 servicing model
 - These are production ready updates
 - Applied via the Updates and Servicing feature
- There will also be technical preview releases that will be applicable to non-production versions
 - For example, Technical Preview 4
 - You will need another implementation of Configuration Manager if you want to test new features prior to release

Session Recap

- Upgrading from Configuration Manager 2012 releases is an easy process
 - Only supported for the most current releases
 - Follow the sample procedure discussed
 - Start at the top of the hierarchy and work your way down through all child sites
- Migration
 - Can migrate from Configuration Manager 2007 SP2
 - Can migrate from Configuration Manager 2012 SP2 or R2 SP1
 - Can also migrate from Configuration Manager

Share your ideas



- Share your voice / ideas!
 - <http://microsoftintune.uservoice.com/>
 - <http://configurationmanager.uservoice.com/>



Danke



Herzlichen Dank

Mirko Colemberg @mirkocolemberg @configmgr_ch #cmce_ch
blog.colemberg.ch

Bewertung der Session: [Configmgr.ch](https://www.configmgr.ch)

- Xing: <https://www.xing.com/net/cmce>
- Facebook: <https://www.facebook.com/groups/411231535670608/>
- LinkedIn: <http://www.linkedin.com>
- Twitter: https://twitter.com/configmgr_ch

Nächster Event: Freitag 17. Juni Digicomp Bern
(begrenzte Anzahl Teilnehmer möglich)