SCCM 2503 Upgrade

Submitted

To

C:\Users\SK00418168\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\65AF2385.tmp

BJC HealthCare

By

[http://upload.wikimedia.org/wikipedia/commons/thumb/3/34/Tech_Mahindra_New_Logo.svg/200px-Tech_Mahindra_New_Logo.svg.png](http://www.google.co.in/url?sa=i&source=images&cd=&cad=rja&uact=8&ved=0CAgQjRw&url=http://en.wikipedia.org/wiki/Tech_Mahindra&ei=5hsmVd25FsXbuQTSzIBA&psig=AFQjCNG-9pF__FxkOItRK8ryquGqTj3peQ&ust=1428647270461706)

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# Purpose

# Microsoft released latest SCCM 2503 with new features and fixes. Keeping your infrastructure up to date is essential and recommended. You will benefit from the new features and fixes. The purpose of this document is a complete step-by-step SCCM upgrade process.

# SCOPE:

This SOP document applies to new or existing member of BJC SCCM team, who carry out SCCM upgrade.

# Responsibilities

The **SCCM** team is responsible for the maintenance of this upgrade process document.

# Procedure:

# Prerequisites

* OS: Server 2016 or later
* SQL 2016 and up
* SCCM Backup, SQL Backup (SCCM team will check and confirm backup completion before upgrading)
* Both SCCM and SQL server complete backup (Will raise ticket to Backup team to back up both servers)
* Disable all maintenance tasks (SCCM team will disable all maintenance tasks before upgrade)

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| **#** | **Description** | **Image/Detail** |
|  | Open the SCCM console  Go to Administration \ Updates and Servicing  Right-click the Configuration Manager 2503 and select Run prerequisite check  One way to see progress is by viewing C:\ConfigMgrPrereq.log |  |
|  | MECM 2503 hotfix rollup has no error only 1 warning for NAA Account. This warnings will not impact SCCM functionality. |  |
|  | Now Simply right click on update rollup and select Install Update Pack |  |
|  | Now ready to launch the SCCM 2503 update. At this point.  Select Check box for ignore warnings and install this update and Click **Next** |  |
|  | On the Features tab, click Next.  Don’t select new feature during upgrade, we can enable new feature later if needed  Click **Next** |  |
|  | Select second option validation in Pre-Production collection and browse collection “SCCM Client Upgrade Pre-Production”  Click **Next** |  |
|  | On the License Terms tab, accept the license terms and click **Next** |  |
|  | The installation begins on the back end.   * During installation, the **State** column changes to **Installing** |  |

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|  | Monitor the progress, by navigating to **Monitoring / Updates and Servicing Status,**right-clicking your Update Name and select**Show Status** | sccm 2403 upgrade |
|  | Open the SCCM update **CMUpdate.log**with [CMTrace](https://systemcenterdudes.com/sccm-cmtrace-like-a-pro-part-2/)   * When completed, you’ll notice the message **There are no pending update packages to be processed** in the log file * **Monitoring / Updates and Servicing Status,**right-click your **Update Name**and select**Show Status,**the last step will be **Installation Succeeded** |  |
|  | Console has an auto-update feature. At the console opening, if you are not running the latest version, you will receive a warning and the update will start automatically.  Since all update operations were initiated from the console, we didn’t close it during the process. We received a warning message when clicking certain objects. You will have the same message when opening a new console with version 5.2503.1083.1000.   * Click OK, console restart and the update will start automatically |  |
|  | Console upgrade will start   * Wait for the process to complete. You can follow the progress in **C:\ConfigMgrAdminUISetup.log** and **C:\ConfigMgrAdminUISetupVerbose.log**. Once completed, the console will open and will be running the latest version |  |
|  | After setup is completed, verify the [build number](https://www.systemcenterdudes.com/sccm-2012-version-numbers/) of the console. If the console upgrade was successful, the version is now **Version 2503** |  |
|  | Go to **Administration \ Site Configuration \ Sites**  Right-click on site and select Properties  Verify the Version and Build number |  |

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|  | Enable all disabled maintenance tasks |  |
|  | SCCM 2503 rollout Client Package distribution  Navigate to **Software Library \ Application Management \ Packages**   * Check if the update is successful, otherwise, select both packages and initiate a **Distribute Content** to your distribution points |  |
|  | Promote client to production  Go to **Administration / Site Configuration / Sites**  Click the **Hierarchy** Settings in the top ribbon  Select **Client Upgrade** tab  The **Upgrade client automatically when the new client update is available**to the checkbox is enabled and time frame can be set for 20 days |  |

# Quality Control:

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| **#** | **Description** |  |
|  | Create and deploy test application |  |
|  | Distribute test package to DP’S to verify content distribution |  |
|  | Image testing post SCCM 2503 upgrade |  |
|  | Run the default and custom report to verify |  |
|  | Verify all maintenance task are enabled back |  |

======================End===========================