

# Software Updates Installation Validate on UAT Machines

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## Introduction

This section describes the purpose and audience of this guide. Any terminology or acronyms used in this document will be referred in the Glossary of the Appendix section.

## Purpose

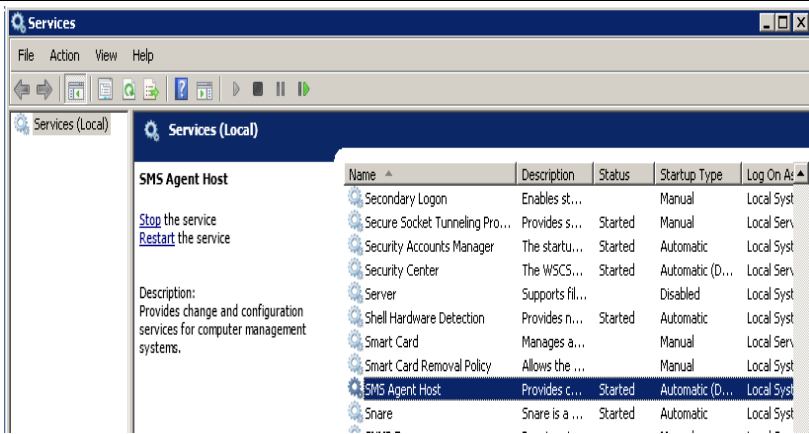
This document describes the work instructions for Validating Software Updates installation on UAT machines.

## Scope

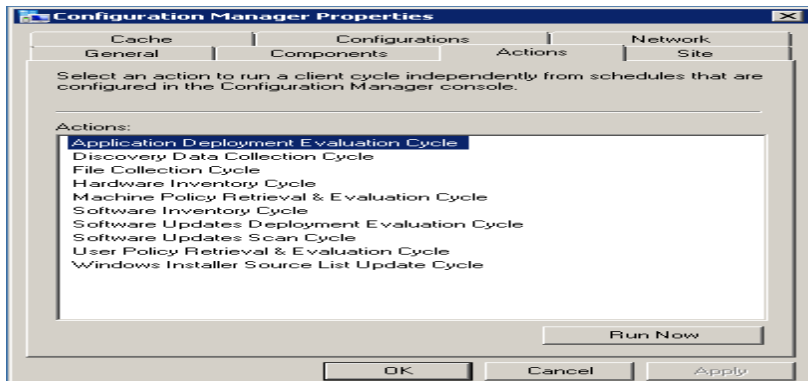
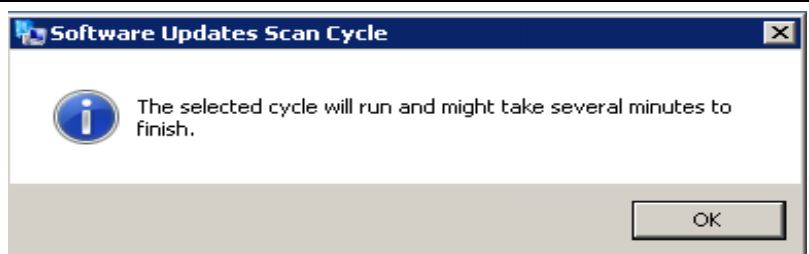
This document describes the required software update installation and validation of the same in the UAT machines.

## Software Updates installation Validation

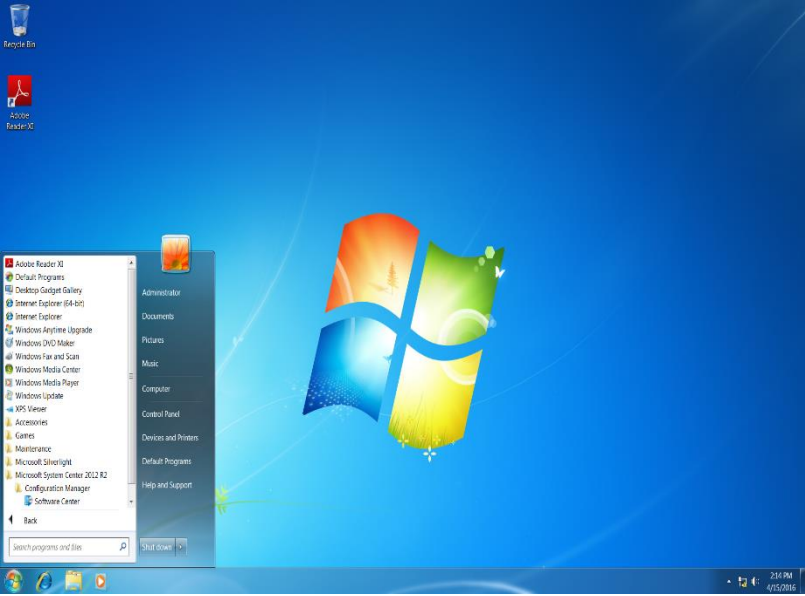
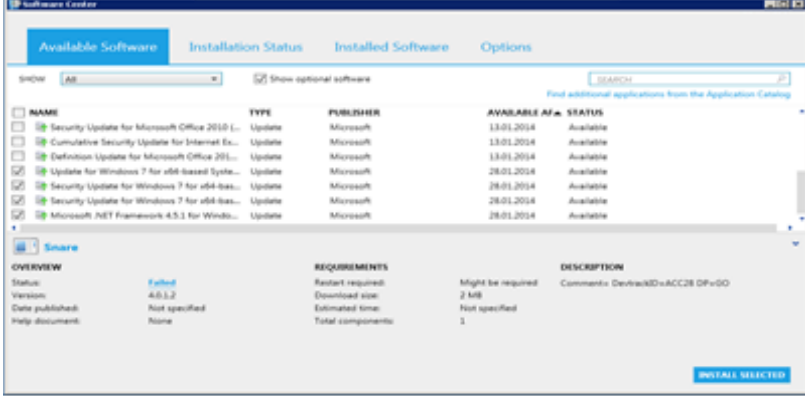
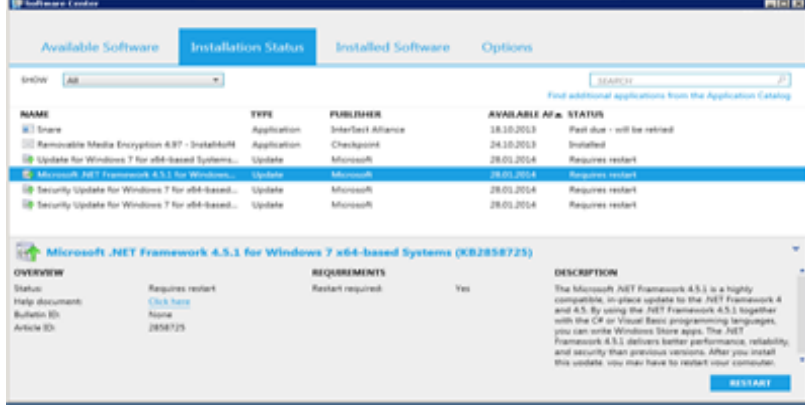
### 1. Verification of Services

#	Screen Shot	Steps Instructions
1		<p>If the Software Updates are not showing on the Software Center.</p> <p>Start → Run. Type Services.msc</p> <p>Verify whether the SMS Agent host is running; If not Running restart the SMS Agent Host service.</p>

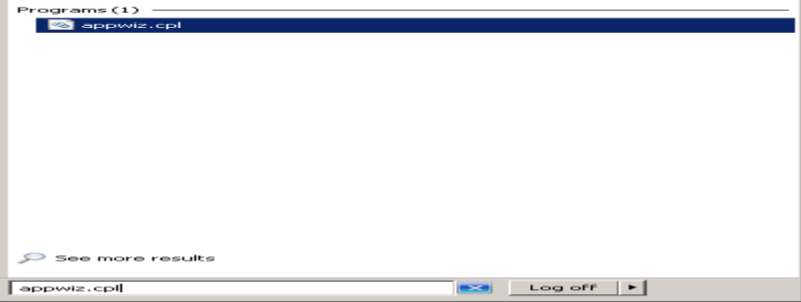
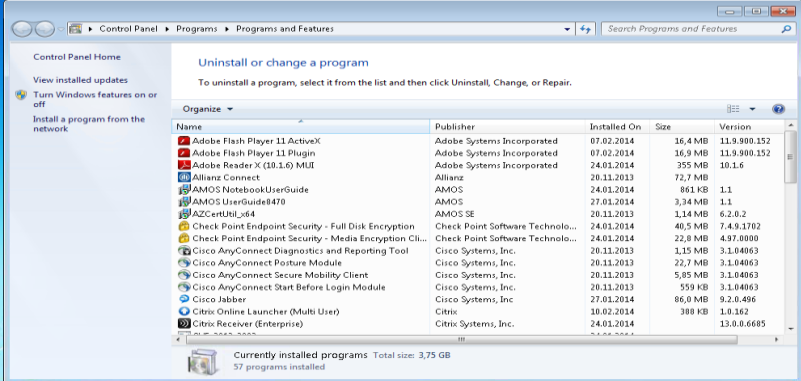
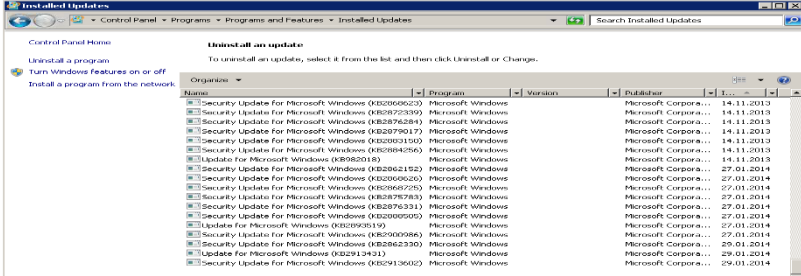
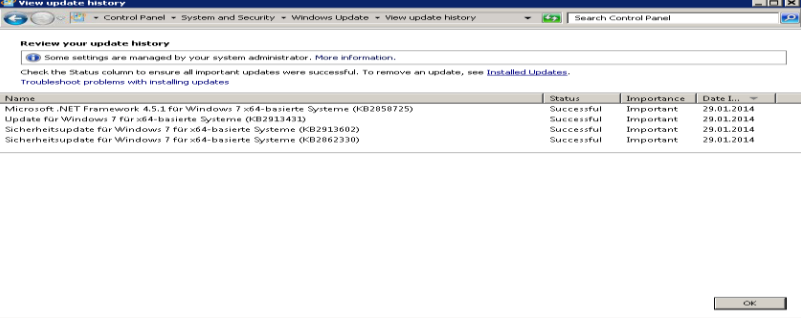
### 2. Initiating Policies

#	Screen Shot	Steps Instructions
1		<p>Open the Configuration Manager Applet as seen below from Control Panel → System and Security → Configuration Manager.</p> <p>From the Actions Tab,</p> <ol style="list-style-type: none"> <li>1. Machine Policy Retrieval &amp; Evaluation Cycle</li> <li>2. User Policy Retrieval &amp; Evaluation Cycle</li> <li>3. Software Updates Scan Cycle</li> <li>4. Software Updates Deployment Evaluation Cycle</li> </ol>
		<p>Click OK.</p>

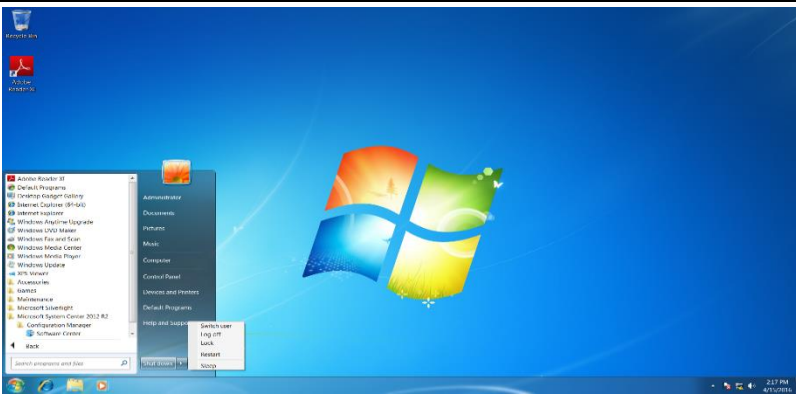
### 3. Installing Updates

#	Screen Shot	Steps Instructions																																								
1	 <p>A screenshot of a Windows 7 desktop. The Start menu is open, showing various applications and system tools. A mouse cursor is hovering over 'Software Center' in the list. The desktop background is the standard Windows 7 logo wallpaper.</p>	<p>Open the Software Center from Start → All Programs → Microsoft System Center 2012 R2 → Configuration Manager → Software Center → Click.</p> <p>Once the software update has been deployed to the integration machines If software updates is not showing in Software Center.</p> <p>Open the Configuration Manager Applet as seen below from Control Panel → System and Security → Configuration Manager.</p> <p>From the Action Tab.</p> <ol style="list-style-type: none"> <li>1. Software Updates Scan Cycle.</li> <li>2. Software Update Deployment Evaluation Cycle</li> </ol>																																								
2	 <p>A screenshot of the 'Software Center' application window. The 'Available Software' tab is selected. A table lists several updates, including security updates for Microsoft Office 2010 and Windows 7. The 'Microsoft .NET Framework 4.5.1 for Windows 7' update is highlighted.</p> <table border="1"> <thead> <tr> <th>NAME</th> <th>TYPE</th> <th>PUBLISHER</th> <th>AVAILABLE AFA</th> <th>STATUS</th> </tr> </thead> <tbody> <tr> <td>Security Update for Microsoft Office 2010 L...</td> <td>Update</td> <td>Microsoft</td> <td>13.01.2014</td> <td>Available</td> </tr> <tr> <td>Cumulative Security Update for Internet Ex...</td> <td>Update</td> <td>Microsoft</td> <td>13.01.2014</td> <td>Available</td> </tr> <tr> <td>Definition Update for Microsoft Office 201...</td> <td>Update</td> <td>Microsoft</td> <td>13.01.2014</td> <td>Available</td> </tr> <tr> <td>Update for Windows 7 for x64-based System...</td> <td>Update</td> <td>Microsoft</td> <td>28.01.2014</td> <td>Available</td> </tr> <tr> <td>Security Update for Windows 7 for x64-bas...</td> <td>Update</td> <td>Microsoft</td> <td>28.01.2014</td> <td>Available</td> </tr> <tr> <td>Security Update for Windows 7 for x64-bas...</td> <td>Update</td> <td>Microsoft</td> <td>28.01.2014</td> <td>Available</td> </tr> <tr> <td>Microsoft .NET Framework 4.5.1 for Windo...</td> <td>Update</td> <td>Microsoft</td> <td>28.01.2014</td> <td>Available</td> </tr> </tbody> </table>	NAME	TYPE	PUBLISHER	AVAILABLE AFA	STATUS	Security Update for Microsoft Office 2010 L...	Update	Microsoft	13.01.2014	Available	Cumulative Security Update for Internet Ex...	Update	Microsoft	13.01.2014	Available	Definition Update for Microsoft Office 201...	Update	Microsoft	13.01.2014	Available	Update for Windows 7 for x64-based System...	Update	Microsoft	28.01.2014	Available	Security Update for Windows 7 for x64-bas...	Update	Microsoft	28.01.2014	Available	Security Update for Windows 7 for x64-bas...	Update	Microsoft	28.01.2014	Available	Microsoft .NET Framework 4.5.1 for Windo...	Update	Microsoft	28.01.2014	Available	<p>On the Available Software, the Deployed Patches are shows as Available to install. Select All the Patches which are Applicable then Click Install Selected at the Bottom of the Right Side as shown here.</p> <p>Patches are started to install and shows as Downloading with Percentage, Waiting to Install, Installing and Succeeded.</p>
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3	 <p>A screenshot of the 'Software Center' application window. The 'Installation Status' tab is selected. The table shows updates that require a restart. The 'Microsoft .NET Framework 4.5.1 for Windows 7' update is highlighted.</p> <table border="1"> <thead> <tr> <th>NAME</th> <th>TYPE</th> <th>PUBLISHER</th> <th>AVAILABLE AFA</th> <th>STATUS</th> </tr> </thead> <tbody> <tr> <td>Smare</td> <td>Application</td> <td>InterText Alliance</td> <td>18.10.2013</td> <td>Fast due - will be retired</td> </tr> <tr> <td>Removable Media Encryption 4.97 - InstallFull</td> <td>Application</td> <td>Checkpoint</td> <td>24.10.2013</td> <td>Installed</td> </tr> <tr> <td>Update for Windows 7 for x64-based Systems...</td> <td>Update</td> <td>Microsoft</td> <td>28.01.2014</td> <td>Requires restart</td> </tr> <tr> <td>Microsoft .NET Framework 4.5.1 for Windows...</td> <td>Update</td> <td>Microsoft</td> <td>28.01.2014</td> <td>Requires restart</td> </tr> <tr> <td>Security Update for Windows 7 for x64-bas...</td> <td>Update</td> <td>Microsoft</td> <td>28.01.2014</td> <td>Requires restart</td> </tr> <tr> <td>Security Update for Windows 7 for x64-bas...</td> <td>Update</td> <td>Microsoft</td> <td>28.01.2014</td> <td>Requires restart</td> </tr> </tbody> </table>	NAME	TYPE	PUBLISHER	AVAILABLE AFA	STATUS	Smare	Application	InterText Alliance	18.10.2013	Fast due - will be retired	Removable Media Encryption 4.97 - InstallFull	Application	Checkpoint	24.10.2013	Installed	Update for Windows 7 for x64-based Systems...	Update	Microsoft	28.01.2014	Requires restart	Microsoft .NET Framework 4.5.1 for Windows...	Update	Microsoft	28.01.2014	Requires restart	Security Update for Windows 7 for x64-bas...	Update	Microsoft	28.01.2014	Requires restart	Security Update for Windows 7 for x64-bas...	Update	Microsoft	28.01.2014	Requires restart	<p>If the Patch requires Restart, It will show as Requires Restart once it is installed.</p>					
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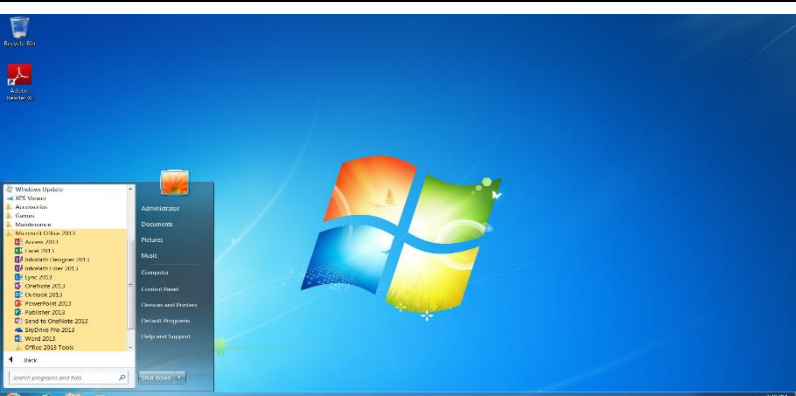
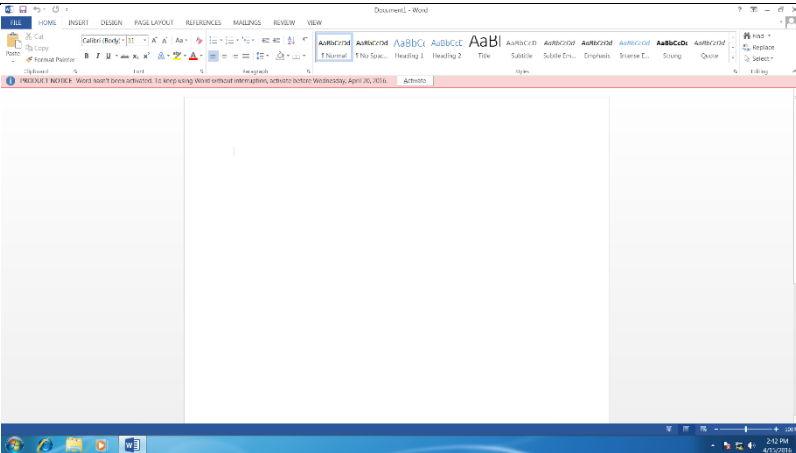
## 4. Verifying ADD or Remove Programs

#	Screen Shot	Steps Instructions
1		<p>Once Application installed, Check the Application is showing in Programs and Features on Control Panel → Programs → Programs and Features. Or Go to Run and Type appwiz.cpl, then Press Enter.</p>
2		<p>Note: Mandatory Deployments install Application automatically once the Policies are updated.</p> <p>Open the Programs and Features on Control Panel → Programs → Programs and Features. Or Go to Run and Type appwiz.cpl, then press Enter to verify the Application.</p>
3		<p>Also Cross check the Patches in Windows Update on Control Panel → System and Security → Windows Update.</p>
5		<p>If Office patches also part of the deployment and installed, Open and Check the Office Applications whether it is corrupted or working fine.</p>

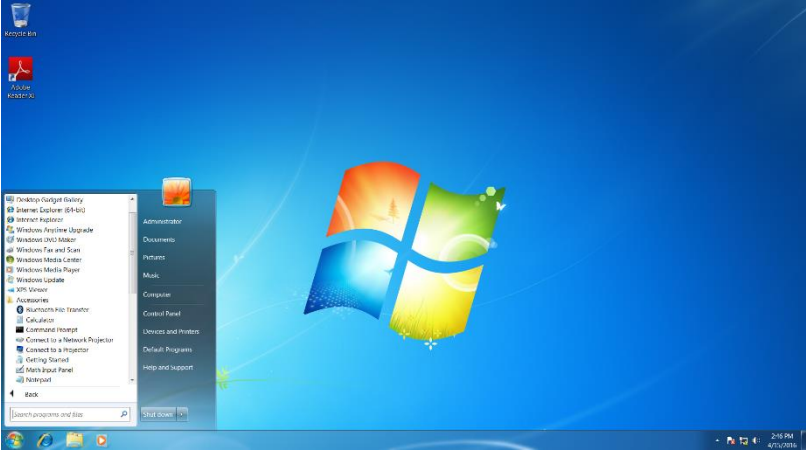
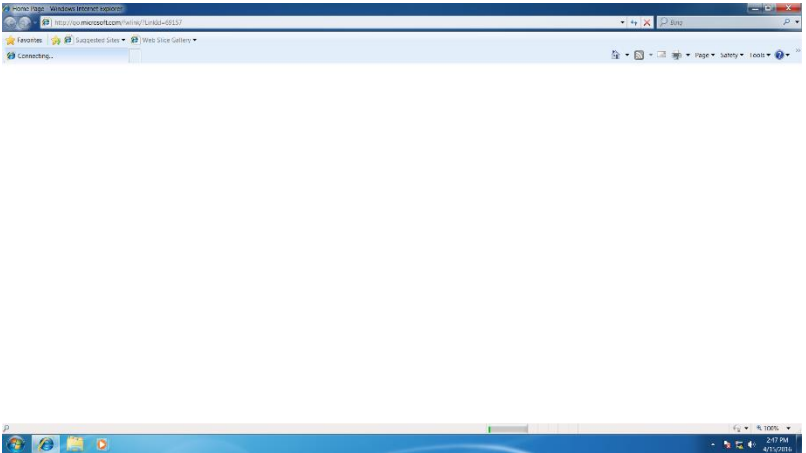
## 5. Verify any issues identified while rebooting the system (Before and after)

#	Screen Shot	Steps Instructions
1		<p>Start → Restart → Click.</p>

## 6. Validate Microsoft Office

#	Screen Shot	Steps Instructions
1		<p>Start → Microsoft Office 2013 → Word 2013 → Click.</p>
2		<p>Verify everything works fine.</p>

## 7. Validate Internet Explorer

#	Screen Shot	Steps Instructions
1	 A screenshot of a Windows 7 desktop environment. The desktop background is the standard Windows 7 logo wallpaper. The Start menu is open, displaying a list of applications and system utilities such as 'Workshop Charger Utility', 'Internet Explorer (64-bit)', 'Windows Firewall', and 'Windows Update'. The taskbar at the bottom shows the Start button, several application icons, and the system tray with the time and date (2:16 PM, 4/15/2014).	Start → Internet Explorer → Click.
2	 A screenshot of an Internet Explorer browser window. The address bar shows the URL 'http://www.merck.com/health/usa/04-0113/'. The browser interface includes a search bar, navigation buttons (Back, Forward, Stop, Refresh), and a status bar at the bottom. The taskbar at the bottom of the screen shows the time and date (2:17 PM, 4/15/2014).	Verify everything works fine.