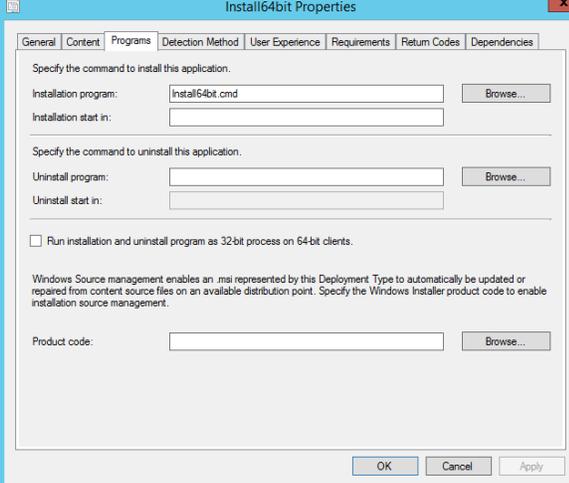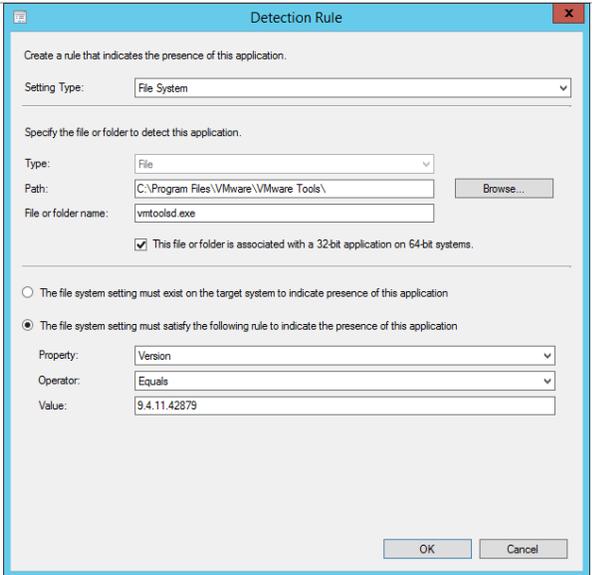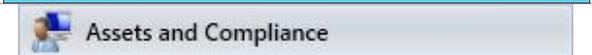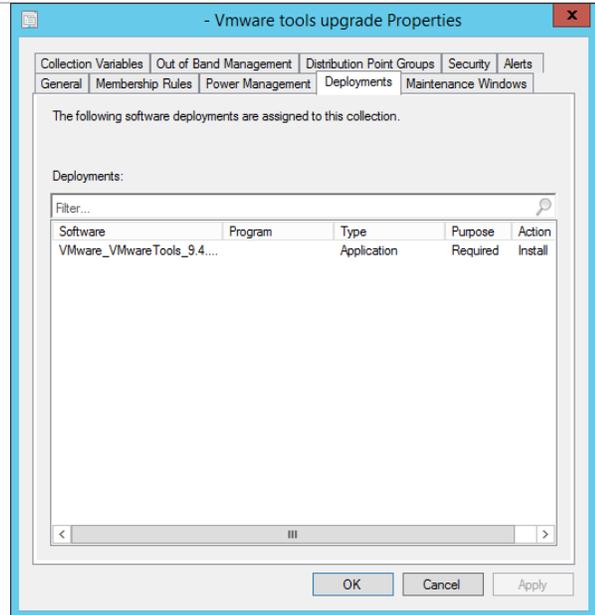|	

1. Place the VMware Tools installation files on a software distribution point.
 	
2. Create two additional batch files:
    a. Install32bit.cmd
    b. Install64bit.cmd
	📁 Program Files
	🆅🅼 autorun.ico
	⚙ autorun.inf
	📄 certified.txt
	🔲 Install32bit.cmd
	🔲 Install64bit.cmd
	📄 manifest.txt
	📦 setup.exe
	📦 setup64.exe
	🖼 VMwareToolsUpgrader.exe

3. Install32bit.cmd files containing the following command syntax.	`%~dp0setup.exe /S /v"/qn REBOOT=R"`
4. Install64bit.cmd files containing the following command syntax.	`%~dp0setup64.exe /S /v"/qn REBOOT=R"`

%~dp0 ➔   *Expands to current directory path of the running batch file.*

/S ➔   *Runs Setup.exe in silent mode (no dialog boxes).*

/v ➔   *Passes msi_arguments to Notification Services.msi. If specifying multiple arguments, enclose msi_arguments in quotation marks.*

/qn ➔   *No User Interface (UI).*

REBOOT=R ➔ *Suppress reboot.*

5. Open £Configuration Manager Consoleq	**Configuration Manager…**
6. Click £Software Libraryq	Software Library

7.	Click "Overview \ Application Management \ Applications"	
8.	Create a new Application.	
9.	Configure the package accordingly, depending on version of the VMware Tools.	
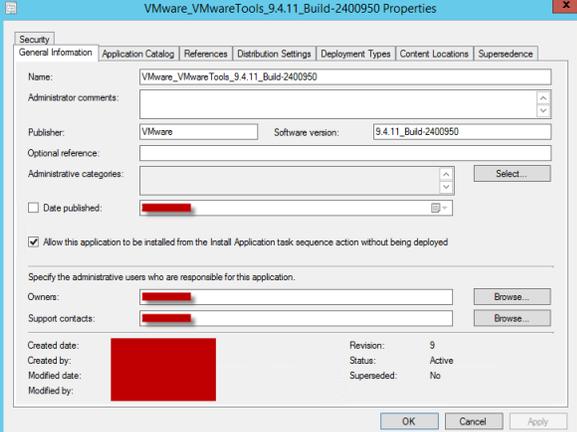
10. Specify two deployment types:
    a. Install64bit
    b. Install32bit	
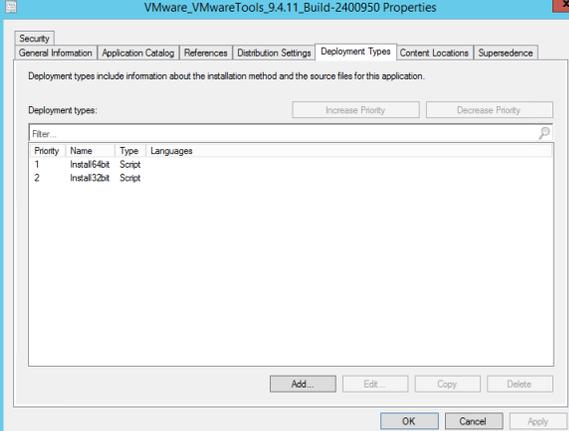
11. Within the deployment method either 32bit of 64bit browse to the parent directory that contains the VMware Tools setup files.	
12. Browse to the location of the batch file create earlier and select the batch file.	
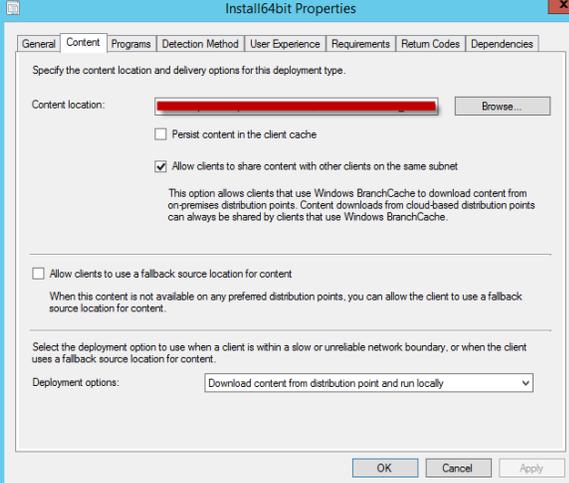
13. Create a detection rule, to determine if VMware Tools are already in place and need upgrading or not.
 	
14. Specify:
    a. Distribution point(s)
    b. Permissions
	Detection Rule
	Create a rule that indicates the presence of this application.
	
	Setting Type: File System
	
	Specify the file or folder to detect this application.
	Type: File
	Path: C:\Program Files\VMware\VMware Tools\ Browse...
	File or folder name: vmtoolsd.exe
	☑ This file or folder is associated with a 32-bit application on 64-bit systems.
	
	○ The file system setting must exist on the target system to indicate presence of this application
	◉ The file system setting must satisfy the following rule to indicate the presence of this application
	Property: Version
	Operator: Equals
	Value: 9.4.11.42879
	
	OK Cancel

15. Click "Assets and Compliance"	**Assets and Compliance**

16. Click "Overview \ Device Collections"	Assets and Compliance
	
	▲ Overview
	  👤 Users
	  🖥 Devices
	  User Collections
	  ▶ Device Collections
	  User State Migration
	  ▶ Asset Intelligence
	  Software Metering
	  ▶ Compliance Settings
	  ▶ Endpoint Protection

17. Create a new Device Collection, contain a servers that need to be targeted.

18. Point to the Software Package created earlier.

19. Specify:
    a. Permissions
    b. Time frame for rollout

Vmware tools upgrade Properties

Collection Variables | Out of Band Management | Distribution Point Groups | Security | Alerts
General | Membership Rules | Power Management | Deployments | Maintenance Windows

The following software deployments are assigned to this collection.

Deployments:

Filter...

Software	Program	Type	Purpose	Action
VMware_VMwareTools_9.4....		Application	Required	Install

OK   Cancel   Apply

Reboot is postponed, but is not recommended!

A reboot is required when remediating Virtual Machines. Be sure to coordinate the necessary downtime.