Kodak

# Workflow Systems
# Installing/Updating Dell OMSA

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## 1. OVERVIEW

This will describe how to Install or Upgrade Dell's Open Manage Server Administrator (OMSA) for Windows 2000 and 2003 Dell machines.

OMSA is Dell's Management suite that is used for diagnostics and system event notification. The tools included in OMSA are:

- Server Administrator.
- Storage Services. **Note:** This used to be Array Manager.

## 1.1 Items Needed

Unless otherwise stated all software can be found on the following sites:

Table 1

| | |
|---|---|
| Kodak Techplanet: | Techplanet.creo.com → Software Solutions → Dell Platforms → Server → Downloads. |
| Dell Support | Support.dell.com → Medium & Large Business → (register) → Downloads → (Enter Service Tag# or Choose a Dell System) → (Download Category = All, OS=Win2000 or Win2003) |

The files from the Dell site can be used if you choose. The files on TechPlanet have been tested against the version of OMSA listed and should be used unless there is some problem.

Table 2

| Item | Version At time of Writing | Notes |
|---|---|---|
| OMSA | v4.50A | Self extracting ZIP |
| Windows 2000 | SP 4 | Download from Microsoft |
| Windows 2003 | SP 1 | Download from Microsoft |
| Dell Support Update Utilities (SUU) CD | v4.51A | ISO image for a CD. You must have a CD burner to make this.<br>For Dell PE400, 1400, 1600, 2400, 2500, 4400, 6400. |
| Dell Support Update Utilities (SUU) CD | v5.0 | ISO image for a CD. You must have a CD burner to make this.<br>For Dell PE700, 800, 830. 2600, 2650, 2800, 2850 |

You should have copies of the following documents.

| Doc # | Desc |
|---|---|
| XX0420A | Using Dell SUU, Kodak Quickref. |
| 719-00646A | Applying Service Pack 4 to Windows 2000 |

## 2. REMOVING OLD SOFTWARE

Dell has created a utility for cleaning up old versions of its various forms of Server management.

1) Determining your version.

   a) With **IExplorer** connect to https://127.0.0.1:1311.

   b) Login with a local **administrative username** and **password**.

   c) Select **About** and look at the **Dell Open Manage Server Administrator** version.

   d) If the above steps fail then you are likely using a version prior to v4.30.

2) If removing OMSA software prior to v4.3:

   a) Extract the OMSA software to a temp directory on your local drive.

   b) From that directory run **Support\OMClean\OMClean.exe**. Follow the prompts.

3) If removing v4.3 or later of OMSA:

   a) Go into **Add/Remove Programs** and remove **Dell OpenManage Server Administrator**.

4) IT Assist needs to be manually removed from some Servers (ie. PE2400,4400,6400).

   a) Go into Add/Remove Programs.

   b) Remove the **Dell OpenManage IT Assistant**.

5) Remove QLogic DMI Instrumentation (some PE2400,4400,6400) through Add Remove Programs in Control Panel.

6) Remove the following remnant items from **Start > Programs**.

   a) PERC Console.

   b) Dell OpenManage Applications.

7) Reboot when complete.

## 3. UPGRADE YOUR FIRMWARE, DRIVERS, SERVICE PACK

Refer to Table 2 for a listing of prerequisites that are required at the time of this writing. OMSA will have a minimum required levels for Windows Service Pack and for the Perc Firmware and Driver.

1) Windows Service Pack. If an upgrade is required download the latest from Microsoft as per doc 719-00646A Applying Service Pack 4 to Windows 2000. http://www.microsoft.com/windows2000/downloads/servicepacks/sp4/default.asp

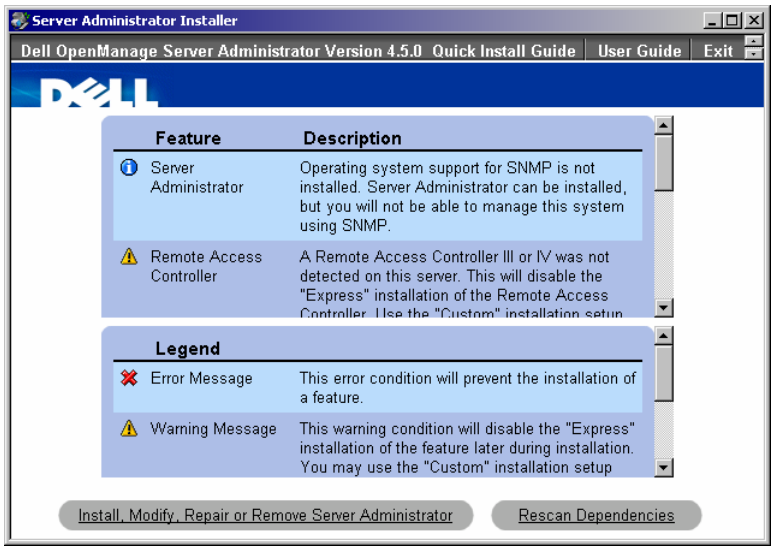
2) Update Dell Drivers and Firmware with Server Update Utilities as per doc XX-0420A.

## 4. INSTALLING OMSA

After you have removed previous installations of OMSA do the following.

1) If not already done extract the OMSA software to a temp directory on your local drive.

2) Run **Setup.exe** from the **Windows** subfolder of your extracted directory. You will see the following:




3) OMSA will test for some prerequisites. The results of these tests will apear in the Feature window. Don't confuse this with the Legend window. You can safely ignore the following warnings:

| | |
|---|---|
| Remote Access Controller | We typically do not Supply or Enable the RAC controller. |
| Any SNMP warning | We do not enable SNMP by default for any Dell images. A customer may choose to accept the security risks and enable SNMP on their systems themselves. |

4) Select **Install Server Administrator** button on the bottom left and hit **Next**.

5) If you agree to the terms of the agreement hit **Accept** and **Next**.

6) Select **Custom** and hit **Next**.

7) From the options select the following:

| | |
|---|---|
| Server Administrator | |
| Storage Management | Installed locally |
| OMSA Web Server | Installed locally |
| Online Diagnostics | Installed locally |
| Remote Access Controller | Not Available |
| Intel SNMP Agent | Not Available |
| Broadcom SNMP Agent | Not Available |

8) Follow the rest of the prompts to complete the installation and reboot when complete.

9) Test OMSA.

   a) Starting Internet Explorer and connect to https://127.0.0.1:1311.

   b) Hit **Yes** to the Security Alert.

c) Login with the username and password of a local administrative account. You should see the following:




d) Close Internet Explorer. For further information on navigating OMSA refer to these documents on Tech Planet:

| | |
|---|---|
| XX0421A | Dell Guide to OMSA Storage Services |