

Configuring Management Agents for ESX Server 2.1

This technical note describes how to configure the selected management agents for use with ESX Server 2.1. The supported management agent configuration steps are described in the following sections:

- [Installing HP Insight 7.0 Manager Agents on the VMware Service Console](#)
- [Installing HP Insight Manager 6.4 Agents on the VMware Service Console](#)
- [Installing Dell OpenManage 3.7 or 3.8 on the VMware Service Console](#)
- [Installing IBM Director 4.1 on the VMware Service Console](#)

For further information on using management agents with ESX Server, see the chapter, "Using SNMP with ESX Server" in your *VMware ESX Server Administrator's Guide*.

Installing HP Insight 7.0 Manager Agents on the VMware Service Console

ESX Server 2.1 supports HP Insight Management Agents 7.0. HP provides a script for installing them on the service console.

To install the software, follow these steps:

1. Download the HP RPMS files from the following location.
<http://h71019.www7.hp.com/ActiveAnswers/Render/1,1027,6615-6-100-225-1,00.htm>
2. Follow the installation instructions provided in the Insight Manager 7.0 Agents for the VMware ESX Server README file.

Note: You may see a message, in your service console logs, that states "`casn: Detected 2 CPU's installed but only 1 running1.`" The reason for this message is the Service Console runs on a single processor. You can safely disregard this message.

Installing HP Insight Manager 6.4 Agents on the VMware Service Console

ESX Server 2.0.x supports HP Insight Management Agents 6.4. HP provides a script for installing them on the service console.

To install HP Insight Manager 6.4 Agents:

1. Download the HP RPMS files from the following location.
<http://h71019.www7.hp.com/ActiveAnswers/Render/1,1027,6615-6-100-225-1,00.htm>

2. Follow the installation instructions provided in the Insight Manager 6.4 Agents for the VMware ESX Server README file.

Installing Dell OpenManage 3.7 or 3.8 on the VMware Service Console

ESX Server 2.1 supports Dell OpenManage 3.7 and 3.8. Before installing the Dell OpenManage software on the service console, you must install some additional files as described below.

Caution: Do not run the Dell OpenManage SCSI Controller channel communication diagnostics test if the LSI Logic MPT SCSI Driver is set to shared mode. Running the diagnostics test may cause ESX Server to become unavailable.

To install the software:

1. Ensure that you have:
 - Your ESX Server installation media.
 - The Dell OpenManage installation media.
2. Log into the VMware Service Console as root.
3. **For systems using a Dell Remote Assistant Card (DRAC)**, perform the following additional steps before installing OpenManage:
 - a. Mount the CD-ROM.

```
mount /mnt/cdrom
```
 - b. Change to the directory where the RPM files are stored.

```
cd /mnt/cdrom/VMware/RPMS
```
 - c. Install the Point-to-Point Protocol (PPP) package.

```
rpm -ivh ppp-2.4.1-2.rpm
```
4. Set up the environment to install Dell OpenManage.

```
/usr/sbin/omasetup.sh install
```
5. Insert the CD-ROM for ESX Server 2.1 and Dell OpenManage when prompted. The script automatically mounts and unmounts each CD-ROM when required.
6. **For systems using Dell OpenManage IT Assistant**, configure SNMPD to send SNMP traps to the management console. Edit `/etc/snmp/snmpd.conf` and add the following line to the file:

```
trapsink x.x.x.x public
```

Note: Replace `x.x.x.x` with the IP address of the IT Assistant console.
7. Remove the CD-ROM and reboot the ESX Server.

Installing IBM Director 4.1 on the VMware Service Console

ESX Server 2.1 supports IBM Director Management Agents 4.1.

To install the software:

1. Ensure that you have the IBM Director 4.1 installation media.
2. Mount the IBM Director CD.



```
mount /mnt/cdrom
```

3. Change to the directory where the installation files are stored.

```
 /<cd_mount_point>/director/agent/linux/<architecture>/
```

4. Run the installation script.

```
 ./dirinstall
```

5. Change to the directory where the installation files are stored.

```
 /<cd_mount_point>/director/agent/linux/<architecture>/
```

6. Install the files from the CD.

```
 rpm -Uvh MPAAgent-4.11-1.i386.rpm
```

```
 rpm -Uvh RAIDLaAg-4.11-1.i386.rpm
```

7. Reboot the ESX Server.