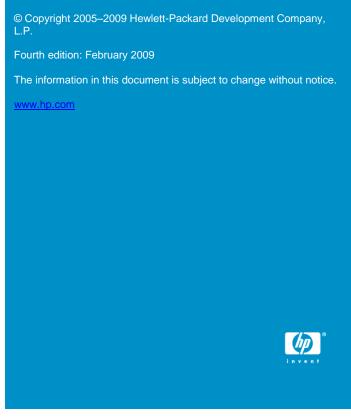# HP StorageWorks Enterprise Virtual Array and Command View EVA 5.0 SMI-S Provider for HP Systems Insight Manager

About this document

HP Systems Insight Manager (HP SIM) uses CIM/WBEM servers and providers that conform to the Storage Management Initiative Specification (SMI-S). Before HP SIM can manage and report on a storage device, the appropriate SMI-S provider must be installed and configured.

Models supported

This SMI-S provider enables HP SIM support for the following storage systems:

- HP StorageWorks Enterprise Virtual Array 3000
- HP StorageWorks Enterprise Virtual Array 4000
- HP StorageWorks Enterprise Virtual Array 5000
- HP StorageWorks Enterprise Virtual Array 6000
- HP StorageWorks Enterprise Virtual Array 8000

Software compatibility

Command View EVA 5.0 (with or without the 5.0.1 patch) with SMI-S EVA 5.0.1 is compatible with HP SIM 5.0 or later.

Requirements

- HP SIM 5.0 or later must be installed on the central management server (CMS).

- HP StorageWorks Command View EVA 5.x must be installed and managing the EVA that you want to monitor with HP SIM.

- If you plan to install the Command View EVA 5.0 SMI-S provider and the HP HBA (QLogic OEM) SMI-S provider on the same Windows host, you must install the Command View EVA 5.0 SMI-S provider first. See the *Windows HBA providers for HP Systems Insight Manage* document for information about the HP HBA (QLogic OEM) SMI-S provider.

Installing the SMI-S provider

When you install Command View EVA 5.0, the install wizard prompts you to install SMI-S. If you select **Yes**, the SMI-S provider installer runs after the Command View EVA installer. At that point, start with step 5 in the following procedure. If you have already installed Command View EVA, and you did not install SMI-S, start with Step 1.

1. Insert the HP Command View EVA software CD into the drive.

2. Open Windows Explorer and browse to the CD.

3. Go to the `hpSMISEVA_5_0` folder.

4. Double-click `hpSMISEVA_5_0.exe` to begin the installation.

   The InstallShield wizard opens.

5. Click **Next** to continue with the installation.

6. Click **Install** to begin the installation.

   The installation wizard invokes the CIMOM installer and displays the following message:
   `Installing Pegasus CIMOM. Please wait.`

7. Enter the CIM-WBEM administrator password in the **Password** and **Re-enter** boxes to continue the CIMOM installation.

   #### Note:

   The CIM-WBEM password is not set previously. The password is set when you enter it during this step.

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8. Click **Next**.

9. Click **Yes** to enable Service Location Protocol (SLP) with SMI-S EVA.

   The SLP property in the `cimserver_planned.conf` file (located in `C:\Program Files\Hewlett-Packard\pegasus_home`) will display `True` if you click **Yes**. Wait for the installation to complete.

10. Click **Finish** to close the wizard.

11. Add the interopnamespace `root/pg_interop` to the file `../Program Files/HP/Systems Insight Manager/config/identification/wbemportlist.xml`. Enter the new interopnamespace before `root/cimv2`.

Limitations

- HP SIM may experience a slight delay in discovering the arrays while the SMI-S provider gathers information from the arrays for the first time.

- Installing more than one SMI-S provider on the same host is not recommended. For example, do not install the EVA and XP providers on the same host.

Obtaining documentation

- Documentation for the current release of Command View EVA is available at http://h20000.www2.hp.com/bizsupport/TechSupport/DocumentIndex.jsp?contentType=SupportManual&lang=en&cc=us&docIndexId=179111&taskId=101&prodTypeId=12169&prodSeriesId=471497#3 . For previous versions of technical documentation, please see your HP Service Representative.

Links

- HP SIM overview:
  http://h18013.www1.hp.com/products/servers/management/hpsim/index.html

- HP SIM SMI-S provider information:
  http://h18013.www1.hp.com/products/servers/management/hpsim/smi-s-providers.html

- Download page for Command View EVA patches and updates:
  http://h18006.www1.hp.com/storage/smis.html