

# HP StorageWorks Enterprise Virtual Array and Command View EVA 7.x SMI-S Provider for HP Systems Insight Manager

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## 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.

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## 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

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## 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.

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## Requirements

- For support with HP Systems Insight Manager, 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 Manager* document for information about the HP HBA (QLogic OEM) SMI-S provider.

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## Installing the SMI-S provider

The SMI-S provider, also called SMI-S EVA is installed during the Command View EVA installation. Refer to the *HP StorageWorks Command View EVA installation guide* for instructions.

If there is a communication problem between an SMI-S client and SMI-S provider, HP recommends verifying that the following files are available:

- `\Program Files\Hewlett-Packard\pegasus_home\lib\Evapprovider.jar`
- `\Program Files\Hewlett-Packard\pegasus_home\bin\borgwrapper.dll`

If these files are missing, use Add/Remove Programs to remove SMI-S EVA and install SMI-S only using the Command View EVA Software Suite installer. HP recommends rebooting after the uninstall is complete if SMI-S was installed previously.

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## Limitations

- HP SIM may experience a slight delay in discovering the EVA arrays while the SMI-S provider gathers information from the arrays for the first time.
- Installing more than one SMI-S array provider on the same host is not recommended. For example, do not install the EVA and XP providers on the same host.

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## Obtaining documentation

- Documentation for the current release of Command View EVA is available at <http://h20000.www2.hp.com/bizsupport/TechSupport/DocumentPage.aspx?cc=us&lc=en-us&dt=1791118&obj=1018&objCat=12168&objSub=47147#>. For previous versions of technical documentation, please see your HP Service Representative.

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## Links

- HP SIM overview: <http://h18013.www1.hp.com/products/servers/management/hpsim/index.html>
- HP SIM SMI-S provider information: <http://h18006.www1.hp.com/storage/smisproviders.html>
- Download page for Command View EVA patches and updates: <http://h18006.www1.hp.com/storage/smis.html>