

HP StorageWorks Enterprise Modular Array and Modular Array SMI-S provider for HP Systems Insight Manager and HP Storage Essentials

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About this document

HP Systems Insight Manager (HP SIM) and HP Storage Essentials (HP SE) use CIM/WBEM servers and providers that conform to the Storage Management Initiative (SMI-S). Before HP SIM and HP SE 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 and HP SE support for the following storage systems:

- HP StorageWorks Enterprise Modular Array 16000
- HP StorageWorks Enterprise Modular Array 12000
- HP StorageWorks Modular Array 8000

Requirements

- HP SIM 5.0 or later must be installed on the central management server (CMS).
- You must have a Storage Management Appliance (SMA).
- The SMA must be running software version 2.1 Service Pack 1 (which includes HSG Element Manager 1.0f.3) or later.
- The SMA must have visibility to the LUNs on the Enterprise Modular Arrays and Modular Arrays it will manage.

Installing the SMI-S provider

1. Uninstall the previous SMI-S provider (if any).
2. Download the installer for **HP StorageWorks SMI-S EMA v1.0f.3c** from <http://h20000.www2.hp.com/bizsupport/TechSupport/SoftwareIndex.jsp?lang=en&cc=us&prodNameId=431226&prodTypeId=18964&prodSeriesId=315667&swLang=13&taskId=135&swEnvOID=54>. The file is in .zip format.
3. Extract and run the .exe file.

No additional configuration is required. The SMI-S provider will automatically begin reporting on all EMA/MA arrays being managed by the SMA.

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.

Links

- HP SIM overview: <http://h18013.www1.hp.com/products/servers/management/hpsim/index.html>
- HP SE Overview: <http://h18000.www1.hp.com/products/storage/software/e-suite/index.html>
- HP SIM SMI-S provider information: <http://h18013.www1.hp.com/products/servers/management/hpsim/smi-s-providers.html>