HP MSA 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

• HP StorageWorks Modular Smart Array 1500cs
• HP StorageWorks Modular Smart Array 1000

Requirements

• For support with HP Systems Insight Manager, HP SIM 5.0 or later must be installed on the central management server (CMS).

• HP recommends using version 1.0.3.0 or later of the MSA provider with HP SIM. Support for x64 systems was added with version 1.1.0.0 of the MSA provider.

• A host running Windows1 2000 or Windows Server 2003 must have Fibre Channel connectivity to the MSA(s) you want to monitor.

Installing the SMI-S provider

1. If a previous version of the SMI-S provider is installed, uninstall it.

2. At the host that is connected to the MSA, open a web browser and click one of the following:
   • MSA 1000: http://h20000.www2.hp.com/bizsupport/TechSupport/DriverDownload.jsp?prodNameId=305215&lang=en&cc=us&taskId=135&prodClassId=-1&prodTypeId=12169&prodSeriesId=377751.
   • MSA 1500cs: http://h20000.www2.hp.com/bizsupport/TechSupport/DriverDownload.jsp?prodNameId=415600&lang=en&cc=us&taskId=135&prodSeriesId=415598&prodTypeId=12169.

3. Select your operating system from the list.

4. Download the SMI-S provider software from the **Download drivers and software** page.

5. Double-click the installation file to install the MSA provider.

NOTE:

The Service Location Protocol (SLP), which optimizes discovery in HP Systems Insight Manager, is automatically installed and started when the SMI-S provider is installed.

Limitations

- HP Systems Insight Manager may experience a slight delay in discovering the MSA 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 MSA and EVA providers on the same host.

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 and HP SE SMI-S provider information:
  http://h18006.www1.hp.com/storage/smisproviders.html

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