

# QuickSpecs

## HP StorageWorks Command View SDM

### Overview

## HP StorageWorks Command View SDM

HP Command View SDM is a powerful device management tool that reduces system administration overhead and allows the management of more storage with the same personnel greatly reducing total cost of ownership.

## Models

HP StorageWorks Command View SDM

T1086A

## Models Feature List

- 1 LTU shipped with each VA array sale - Command View SDM no longer available as standalone product
- Security - authentication & authorization
- Support for SMI standard version 1.0
- AutoPass licensing set to "permanent" to reduce customer dissatisfaction
- Integration via SNMP or HP Systems Insight Manager
- Ability to manage unlimited modular arrays
- Scales easily as storage environment grows
- Includes event and trap level integration into enterprise management frameworks
- Includes on host license when purchased with VA disk array
- Proactive monitoring and event notification
- Performance monitoring and logging
- Launches value-added software for the modular array (Business Copy VA, Secure Manager VA)

## Customer Benefits

- Security (authentication & authorization) ensures that only authorized individuals can access data stored on the modular array.
- Conformance to SMI-S version 1.0 providing support for storage standard ensuring consistency of information reported by the HP modular arrays in a heterogeneous SAN configuration for basic management functions. Autopass licensing set to "permanent" as the default eliminating the need for customers to visit the Autopass license server for multiple hosts requiring connection to Command View SDM.
- Integration via SNMP with HP Systems Insight Manager for the first step in storage/server management tool consolidation Integration with HP Systems Insight Manager provides a single point of access for managing VA arrays along with other HP devices. This integration enables the use many of the core services of Systems Insight Manager in a single console providing unparalleled breadth of device management for HP servers, clients, storage, power, and printer products.
- Common user interface reduces the learning curve and increases the usage of the tool.

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### Features/Functionality

#### Software Features

- **Security (Authentication & Authorization):** Access to data stored on VA array is protected from unauthorized user access.
- **SMI version 1.0 integration:** Reduces custom/manual integration required by customers to integrate VA arrays into their heterogeneous environments. SNIA certification pending for the VA SMI-S provider.
- **Compliance with common licensing model:** Autopass licensing default will be "permanent" eliminating the need to retrieve any software licenses for Command View SDM.
- **Integration/compatibility with HP Systems Insight Manager via SNMP** - Customers desiring modular arrays on their ProLiant servers can manage their VA arrays from directly from the HP Systems Insight Manager user interface via SNMP.
- **Easy-to-use user interface makes navigation fast & easy:** Reduces customer learning curve and increases use of tool.
- **Scalability:** Empowers customers to manage single or multiple arrays from their desktop.
- **Works well with others:** Traps/messages forwarded to enterprise management frameworks to empower administrators to manage storage from these environments.
- **Predictable:** Provides automatic notification when things go wrong.

#### Hardware Support

All VA modular arrays and JBODs: VA7400, VA7410, VA7100, VA7110, DS2300, DS2405

Model Number	Model Description	Part Number
VA7400	Modular Virtual Array 7400	See <a href="#">NOTE</a>
VA7410	Modular Virtual Array 7410	See <a href="#">NOTE</a>
VA7100	Modular Virtual Array 7100	See <a href="#">NOTE</a>
VA7110	Modular Virtual Array 7110	See <a href="#">NOTE</a>
DS2300	JBOD DS2300	See <a href="#">NOTE</a>
DS2405	JBOD DS2405	See <a href="#">NOTE</a>

**NOTE:** See streams document = varies by configuration.

#### Software Pre-Requisites

- OS supported: Windows® 2000, Windows Server 2003 SP 4 (32-bit), Windows 2000 Advanced Server SP4; HP-UX 11.11, 11.23; Red Hat Linux Advanced Server 2.1 (32-bit), Red Hat Linux 7.1.  
**NOTE:** HP-UX 11.23 is only supported at this time when Command View SDM is installed on the native host or what is referred to as direct connect mode.
- VA Controller Software:
- VA7400/VA7100: HP01, HP02, HP11, HP13, HP14, HP15, HP16, HP17, HP18/SC01
  - PIC Processor : V4.3
- VA7410/VA7110: A000, A100
  - PIC Processor : N/A
- Agents (if applicable, include versions)
  - OpenView Storage Area Manager (OV SAM) version 3.1 for all supported hosts EXCEPT HP-UX 11.23. HP-UX 11.23 support will not be available until 1H'2004 via OV SAM v3.1.1.
  - Support for OV SAM v3.2 will be available when OV SAM releases.

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### Features/Functionality

#### Other Features

**Distribution Media**      CD-ROM

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**Documentation**          Installation Guide, Release Notes, Readme, User's Guide

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**Software Licensing**      1 LTU per VA disk array. Software license default is "permanent" eliminating the need for HP support personnel or customers to retrieve a license for each host desiring access to Command View SDM.  
Customer needs to copy the CD-ROM for installation on additional hosts requiring access to the VA modular array via Command View SDM.

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**Software Product Services**      N/A

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**Software Warranty**        90-day media defect warranty – software support sold separately.

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### *Service and Support, HP Care Pack and Warranty Information*

#### **Software Product Services**

- 90-day phone support – requires one option below
- 0S6 = 1-year, 24 x 5 phone support
- 3Y6 = 3-year, 24 x 5 phone support

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## HP StorageWorks Command View SDM

### Configuration Information

#### Step 1 – Base Configuration

Select one:

Model Number	Model Description	Part Number
N/A	Command View SDM ships with all modular array orders	T1086A

#### Step 2 – Additional Options

Select each required option with quantities specified.

Model Description	Quantity	Part Number
Business Copy Virtual Array	1	T1007A/T1026A
Auto Path Virtual Array for Windows NT 4.0	1	T1039A/T1049A
Auto Path Virtual Array for Red Hat 6.21/7.1	1	T1044A/T1054A
Auto Path Virtual Array for HP-UX 11.0	1	T1060A/T1065A

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