

HP StorageWorks Command View EVA kit contents



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HP StorageWorks Command View EVA allows you to configure, manage, and monitor the HP StorageWorks Enterprise Virtual Array (EVA). You can use HP Command View EVA to:

- Create virtual disks
- Set redundancy (Vraid) levels and cache policies
- Create mirrorclones, snapclones, and snapshots
- View event information
- Create data replication (DR) groups

A license key is required to use all of the features in HP Command View EVA. The License Entitlement Certificate for the product provides instructions on the ways you can obtain a license key. In the meantime, a temporary, instant-on license key is available within HP Command View Eva so that you can immediately start using all of the features. The instant-on key is valid for all arrays managed by a CV server, and it enables all features (HP Command View EVA, HP Business Copy, and HP Continuous Access) with unlimited capacity for 180 days from the first use. Upon expiration of the instant-on license key, the features will be disabled. You must obtain a permanent license key in order to continue using the features. License keys are available at <http://webware.hp.com>. For additional information, see *HP StorageWorks EVA license key installation instructions*.

Kit contents

Documents

- Thank-you letter
- *HP StorageWorks Command View EVA kit contents*, this document.

- HP Software License Terms, the End User License Agreement to use HP StorageWorks Command View EVA.
- NSS LP Customer Survey Notice, an invitation to give feedback on HP documentation.

HP StorageWorks Command View EVA CD

The HP StorageWorks Command View EVA CD contains a master installer file (setup.exe), from which you can install HP Command View EVA and any or all of the following software components:

- **HP StorageWorks Storage System Scripting Utility**—The command line interface that allows you to configure and control EVA arrays. Use the utility to script and run repetitious and complex configuration tasks. Use HP StorageWorks Command View EVA, the graphical user interface, for simple or initial configuration tasks.
- **HP StorageWorks Command View EVAPerf**—Monitor and display EVA performance metrics from a command prompt window or from Windows Performance Monitor. It runs on hosts running Microsoft Windows 2000 or later and uses data generated by the EVA Data Collection Service. HP Command View EVAPerf requires that LUN 0 (zero) of an EVA be visible to the host operating system. However, this does not require that a LUN be presented to the host operating system or mounted as a drive letter. In large storage area networks, you may need to install HP Command View EVAPerf on multiple hosts to gain visibility to all EVAs.
- **Storage Management Initiative Specification (SMI-S)**—A standard interface sponsored by the Storage Networking Industry Association (SNIA). SMI-S enables HP and other storage vendors to develop products to a single standard and eliminates the need for custom or manual integration of HP storage solutions in multivendor environments.

See *HP StorageWorks Command View EVA installation guide* for instructions.



NOTE:

HP StorageWorks Command View EVA must be installed before you install HP StorageWorks Replication Solutions Manager.

HP StorageWorks Storage System Scripting Utility CD

The files on this CD install the **Storage System Scripting Utility** on supported hosts. For supported operating system versions, see *HP StorageWorks EVA software compatibility reference*.

- VMS\SSSU_VMS_ALPHA.EXE for HP OpenVMS 7.3.2 and 8.2 with Alpha servers
- VMS\SSSU_WMS_ALPHA_83.EXE for HP OpenVMS 8.3 with Alpha servers
- VMS\SSSU_VMS_IA64.EXE for HP OpenVMS 8.2-1 and 8.3 with Integrity servers
- hp ux\sssu_hpux_ia64 for HP HP-UX 11.23 and 11.31 IA64
- hp ux\sssu_hpux_parisc for HP HP-UX 11.23 and 11.31 PA-RISC
- tru64\sssu_tru64 for HP Tru64 UNIX
- ibm_aix\sssu_aix_52 for IBM AIX 5.2
- ibm_aix\sssu_aix_53 for IBM AIX 5.3
- linux\sssu_las4.0_amd64 for Linux (Red Hat 4.0) AMD 64-bit
- linux\sssu_linux_x86 for Linux (Red Hat 3.0, 4.0 and SuSE 8, 9, 10) 32-bit

- `linux\sssu_linux_ia64` for Linux (Red Hat 3.0, 4.0 and SuSE 8, 9, 10) 64-bit
- `windows\sssu_win_x86.exe` for Microsoft Windows 32-bit
- `windows\sssu_win_ia64` for Microsoft Windows 64-bit
- `windows\sssu_win_amd64` for Microsoft Windows AMD64
- `sun_os\sssu_sunos` for Sun Solaris 9 and 10
- `vmware\sssu_vmware` for VMware ESX Server 2.5.2 and 2.5.4

HP Service Tools CD

- `WINDOWS\WEBES\KITS\WEBES444BL18KIT1_Mar-26-2006_WINDOWS.exe`, installs HP Web-based Enterprise Services (WEBES), a service tool that provides real-time diagnosis of hardware events ranging from single errors (or faults) to multiple event correlation and complex analysis. It is designed to send notification only when events require a service action. WEBES must be installed to ensure proper alerts for your EVA products.
- `WINDOWS\ISEE\KITS\ISEEPlatform.exe`, installs HP Instant Support Enterprise Edition (ISEE)

You can use WEBES as part of the HP ISEE remote service offering, or you can configure WEBES to send only local (e-mail) notification (you specify the account). The e-mail option is also available when you use WEBES with ISEE. To make use of new EVA features, HP recommends that you check the HP WEBES website to ensure you are running the latest version of WEBES: <http://h18023.www1.hp.com/support/svctools/webes/>.



NOTE:

See *HP StorageWorks Command View EVA release notes* for late-breaking installation and compatibility information.

HP StorageWorks Command View EVA documentation CD

- *HP StorageWorks Command View EVA kit contents* describes the kit and where to find other components and services.
- *HP StorageWorks Command View EVA installation guide* describes how to install the software suite and configure browser settings.
- *HP StorageWorks Command View EVA user guide* describes HP Command View EVA features, setup, and maintenance.
- *HP StorageWorks Storage System Scripting Utility reference* describes the syntax and usage of the command line interface.
- *HP StorageWorks Command View EVA license key installation instructions* describes how to obtain and install the license keys required to use all of the features in HP Command View EVA.

Other resources

Local replication license information

For information about ordering local replication licenses, see the QuickSpecs on the product website <http://h18006.www1.hp.com/products/storage/software/bizcopyeva/index.html>.

Remote replication license information

For more information about ordering remote replication licenses, see the QuickSpecs on the product website <http://h18006.www1.hp.com/products/storage/software/conaccesseva/index.html>.

Web-only documents

For important, time-sensitive information, see the following:

- *HP StorageWorks Command View EVA release notes*
- *HP StorageWorks EVA software compatibility reference*

Related documentation

You can access all the documentation referenced in this document from the Manuals page of the HP Business Support Center website <http://www.hp.com/support/manuals>. In the Storage section, click **Storage software** and then select your product. For array-specific documents, click **Storage array systems** and then select your array model.

Upgrade procedures

If you are upgrading EVA controller software, see the following:

- *HP StorageWorks Enterprise Virtual Array updating product software guide* for instructions on upgrading the controller software and the disk drive firmware simultaneously.
- *HP StorageWorks Enterprise Virtual Array disk drive firmware read me first* for instructions on upgrading firmware on a single disk drive.

Technical support

For help resolving technical issues:

- Click **Contact HP** after selecting your region on the worldwide HP Technical Support website <http://www.hp.com/support>.
- Select an extended warranty from the HP Care Pack Services website <http://h20219.www2.hp.com/services/cache/11171-0-0-225-121.aspx>.
- Consider HP Instant Support Enterprise Edition, a proactive remote solution from Online Support Resources: <http://h20219.www2.hp.com/services/cache/10707-0-0-225-121.aspx>.

Next steps

1. Familiarize yourself with HP Command View EVA concepts and configuration. See *HP StorageWorks Command View EVA user guide*.
2. Ensure that you have sufficient replication licenses to use replication features. For license requirements, see the QuickSpecs on the product websites:
 - Business Copy EVA
<http://h18006.www1.hp.com/products/storage/software/bizcopyeva/index.html>
 - HP Continuous Access EVA
<http://h18006.www1.hp.com/products/storage/software/conaccesseva/index.html>
3. Read *HP StorageWorks Command View EVA release notes* and *HP StorageWorks EVA software compatibility reference* for current support limits, troubleshooting fixes, and compatibility with other software and hardware.