

Veritas™ Storage Foundation and High Availability Solutions Getting Started Guide

Linux

5.0 Maintenance Pack 1



Veritas Storage Foundation and High Availability Solutions

Getting Started Guide

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Storage Foundation and High Availability Solutions 5.0

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Getting Started

Veritas Storage Foundation and High Availability Solutions

This document contains information about installing patches for products in the Veritas Storage Solutions and High Availability Solutions 5.0 Maintenance Pack 1 (MP1) release. Updates for the following products are on the accompanying 5.0 Maintenance Pack 1 software disc.

- Veritas Cluster Server and Cluster Server High Availability Agents
- Veritas Storage Foundation™/Storage Foundation HA (includes Veritas File System, Veritas Volume Manager, Veritas Volume Replicator, and Veritas Enterprise Administrator).
- Veritas Storage Foundation for Oracle
- Veritas Storage Foundation for DB2
- Veritas Storage Foundation Cluster File System/Storage Foundation Cluster File System HA
- Veritas Storage Foundation for Oracle RAC

Veritas 5.0 release products must be installed before updating them with Maintenance Pack 1 patches. If you have not yet installed a Veritas 5.0 product, see the *Veritas Storage Foundation and High Availability Solutions 5.0 Getting Started Guide* for the location of release notes and installation instructions. The above guide is available in PDF format on the Veritas 5.0 software discs.

If you already have the 5.0 release of any Veritas product installed on your system, see [“Installing patches”](#) on page 12 for the location of the Maintenance Pack upgrade instructions for the listed Veritas products.

Known issues

Latest Veritas Product Information

Before you install any product, read the following Veritas Technical Support TechNote for the latest information on updates, patches, and software issues regarding this release:

<http://entsupport.symantec.com/docs/281993>

To find information on supported hardware, see the hardware compatibility list (HCL) in the following TechNote:

<http://entsupport.symantec.com/docs/283282>

For a list of issues fixed in the 5.0 Maintenance Pack 1 release, see the following TechNote:

<http://entsupport.symantec.com/docs/285869>

Storage Foundation Basic

If you have the Storage Foundation Basic 5.0 release installed, you can update it using the same procedure as any Storage Foundation offering. Select the appropriate distribution on the Maintenance Pack disc and follow the instructions in the file `sf_notes.pdf` that is located in the `storage_foundation` directory:

distribution/storage_foundation/release_notes

You must purchase a support agreement to obtain maintenance software for Storage Foundation Basic.

For information on ordering this product, licensing, and technical support, visit:

www.symantec.com/sfbasic

Operating system requirements

The products in the 5.0MP1 release operate on the architectures and operating systems shown in [Table 1-1](#) and [Table 1-2](#) on page 10. Veritas supports only those kernel binaries distributed by Red Hat and SUSE.

Table 1-1 Red Hat Enterprise 4 (RHEL 4) Update 3 and Update 4

Veritas Product	x86 (32-bit)			x86_64 (64-bit Intel Xeon & AMD Opteron)		
	up	smp	hugemem	up	smp	hugemem
Veritas Cluster Server	X	X	X	X	X	X
Storage Foundation Standard, Enterprise, & Enterprise HA				X	X	X
Storage Foundation for DB2				X	X	X
Storage Foundation for Oracle				X	X	X
Storage Foundation for Oracle RAC (SFRAC)				X	X	X
Storage Foundation Cluster File System (SFCFS)				X	X	X
Veritas Volume Replicator				X	X	X

Table 1-2 SUSE Linux Enterprise Server 9 (SLES9) SP3

Veritas Product	x86 (32-bit)		x86_64 (64-bit Intel Xeon & AMD Opteron)	
	default	smp	default	smp
Veritas Cluster Server	X	X	X	X
Storage Foundation Standard, Enterprise, & Enterprise HA			X	X
Storage Foundation for DB2			X	X
Storage Foundation for Oracle			X	X
Storage Foundation for Oracle RAC (SFRAC)			X	X
Storage Foundation Cluster File System (SFCFS)			X	X
Veritas Volume Replicator			X	X

Veritas products will operate on subsequent kernel and patch releases provided the operating systems maintain kernel ABI (application binary interface) compatibility.

Information about the latest supported Red Hat erratas and updates and SUSE service packs is available in the following TechNote. Read this TechNote *before* installing any Veritas product.

<http://support.veritas.com/docs/281993>

Patch installation script

You install upgrade packages by running the `installmp` installation script from the command line. The `installmp` script is at the top level of the Maintenance Pack disc. The `installmp` script checks for any installed Veritas package and replaces it with the updated package. There is no uninstallation script.

All Veritas product processes are stopped after running `installmp`. To ensure that processes restart correctly, a manual restart or system reboot may be required. If you want to configure a product, run the product installation scripts from the `/opt/VRTS/install` directory using the `-configure` option.

See the individual product release notes for information on how to restart processes, or how to uninstall a maintenance pack and return to the previous product level.

Installing patches

After mounting the Maintenance Pack disc, change to the distribution and directory of the product you want to upgrade and read the product release notes for installation information.

- To upgrade Veritas Storage Foundation/Storage Foundation HA (includes Veritas File System, Veritas Volume Manager, Veritas Volume Replicator, Veritas Enterprise Administrator:

```
# cd /mnt/cdrom/distribution/storage_foundation/release_notes
```

Follow the instructions in the file `sf_notes.pdf`.
- To upgrade Veritas Storage Foundation for Oracle/Storage Foundation for Oracle HA:

```
# cd /mnt/cdrom/distribution/storage_foundation_for_oracle \
/release_notes
```

Follow the instructions in the file `sf_notes.pdf`.
- To upgrade Veritas Storage Foundation for DB2/Storage Foundation for DB2 HA:

```
# cd /mnt/cdrom/distribution/storage_foundation_for_db2 \
/release_notes
```

Follow the instructions in the file `sf_notes.pdf`.
- To upgrade Veritas Storage Foundation Cluster File System/Storage Foundation Cluster File System HA:

```
# cd /mnt/cdrom/distribution \
/storage_foundation_cluster_file_system/release_notes
```

Follow the instructions in the file `sf_cfs_notes.pdf`.
- To upgrade Veritas Storage Foundation for Oracle RAC:

```
# cd /mnt/cdrom/distribution/storage_foundation_for_oracle_rac \
/release_notes
```

Follow the instructions in the file `sfrac_notes.pdf`.
- To upgrade Veritas Cluster Server or any Veritas Cluster Server High Availability Agent:

```
# cd /mnt/cdrom/distribution/cluster_server/release_notes
```

Follow the instructions in the file `vcs_notes.pdf`.