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```

Installation and Upgrade Checklist Report for Storage Foundation Cluster File System HA 5.0MP3, Red Hat Enterprise Linux 4 , x86-64

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Note: You have not selected the latest product version. Consider installing or upgrading to the latest version; otherwise, you may encounter issues that have already been fixed. To run a new report for the latest product version, select it from the Veritas product drop-down list.

▼ System requirements

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Required number of CPUs: 2

Recommended speed of CPUs: 1 GHz

Required memory: 2 GB

Required disk space:

Partitions	Required disk space
/opt	1309 MB
/root	118 MB
/usr	100 MB
/var	2 MB

▼ Product features

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The features in the list are enabled in this release.

Feature	Storage Foundation CFS
1-256 TB File System	✓

CFS Multi-transaction server	✓
Cluster File System	✓
Cluster Volume Manager	✓
Concurrent I/O	✓
Data management application programming interface (DMAPI)	✓
Database Dynamic Storage Tiering	✓
Database storage checkpoints & rollback	✓
Device names consistent across cluster nodes	✓
Device names using Array Volume IDs	✓
Direct I/O	✓
Dirty region logging	✓
Dynamic LUN expansion	✓
Dynamic Multi-pathing	✓
Dynamic Storage Tiering	✓
Enclosure based naming	✓
File Change Log	✓
File system snapshots	✓
File system storage checkpoints	✓
FlashSnap: Database	✓
Flashsnap: Disk group split & join	✓
Flashsnap: Fast resynchronization	✓
Full size instant snapshots	✓
Hardware assisted copy	✓
Hot-relocation	✓
Import cloned LUN	✓
Mount lock	✓
Named data streams	✓
Online coordinator disk replacement	✓
Online file system defragmentation	✓
Online file system grow & shrink	✓
Online relay out	✓
Online volume grow & shrink	✓
Operations Manager	✓
Oracle Disk Manager (ODM) and Cached ODM (CODM)	✓
Portable Data Containers (formerly known as Cross-Platform Data Sharing (CDS))	✓
Remote mirrors for campus clusters	✓
SCSI-3 based I/O fencing	✓
Site awareness with remote mirrors	✓

SmartMove	✓
Space-optimized instant snapshot	✓
Split-mirror snapshot	✓
Thin storage reclamation	✓
User & group quotas	✓
iSCSI device support	✓
Volume Replicator option	Optional

Product documentation

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Product guides

File System Guides


[Veritas File System Administrator's Guide - English](#)

[Veritas File System Programmer's Reference Guide - English](#)

Storage Foundation Cluster File System Guides


[Veritas Storage Foundation Cluster File System Administrator's Guide - English](#)

Patches for Storage Foundation Cluster File System HA and Platform

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Product (recommended)

Patch

Date

Size

cpi-5.0MP3P3	2011-01-31	3.45 KB
sfha-rhel4_x86_64-5.0MP4	2010-04-11	1.67 GB
sfha-rhel4_x86_64-5.0MP3RP3	2009-08-27	130.52 MB
vm-rhel4_x86_64-5.0MP3RP3	2009-08-27	44.88 MB
fs-rhel4_x86_64-5.0MP3RP3	2009-08-27	55.14 MB
sfha-rhel4_x86_64-5.0MP3RP2	2009-02-06	150.56 MB
vcs_agents-rhel...-5.0MP3+e1295115	2008-12-15	8.72 KB
fs-linux-5.0MP3HF1_vxfsi18n	2008-07-28	2.14 MB

Platform (required)

No patches required.

Platform configuration

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Unless otherwise stated, the specified Veritas product supports all platform kernel versions.

Supported platform version. Last updated on 2018-06-12

Product versionPlatform version5.0MP3Update 3, 4, 5, 6, 7, 8

Required platform packages:

bash-3.0-19.3
glibc-2.3.4-2.25
libgcc-3.4.6-3
libstdc++-3.4.6-3
compat-libstdc++-33-3.2.3-47.3
pdksh-5.2.14-30.3
findutils-4.1.20-7.el4.1
coreutils-5.2.1-31.4
grep-2.5.1-32.2
libacl-2.2.23-5.i386
util-linux-2.12a-16.EL4.20
ed-0.2-36
module-init-tools-3.1-0.pre5.3.2
parted-1.6.19-4.EL
ncurses-5.4-13
compat-libstdc++-296-2.96-132.7.2

Related documentation

[Red Hat Enterprise Linux 4](#)

▼ Host bus adapter (HBA) parameters and switch parameters[Back to top](#)

Unless otherwise stated, the specified Veritas product supports all HBAs (except iSCSI HBAs) and fibre channel switches supported by the platform and storage array manufacturers listed in the hardware compatibility list (HCL). For more details, click the link to the [HCL](#).

▼ Operations Manager[Back to top](#)

Veritas InfoScale Operations Manager gives you a single, centralized management console for the InfoScale products. You can use it to monitor, visualize, and manage storage and cluster resources, and generate reports about these components in the Management Server domain. It can also help administrators centrally manage diverse data center environments. This section lists the documents for Veritas InfoScale Operations Manager 8.0.2.

Documentation

