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Installation and Upgrade Checklist Report for Storage Foundation Cluster File System HA 5.0, HP-UX 11i v3 (11.31), PA-RISC

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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	1300 MB
/root	234 MB
/usr	253 MB
/var	1 MB

Related documentation

PA-RISC 2.0 Architecture

PA-RISC 2.0 Firmware Architecture reference specification

▼ 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	✓
Data management application programming interface (DMAPI)	✓
Database Dynamic Storage Tiering	✓
Database storage checkpoints & rollback	✓
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	✓
Named data streams	✓
Online file system defragmentation	✓
Online file system grow & shrink	✓
Online relay out	✓
Online volume grow & shrink	✓
Operations Manager	✓
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	✓
Space-optimized instant snapshot	✓
Split-mirror snapshot	✓
User & group quotas	✓

Volume Replicator option	Optional
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<b>Manual pages</b>	
Manual Pages	 Storage Foundation Cluster File System Manual Pages - English
	 File System Manual Pages - English
<b>Product guides</b>	
Release Notes	 Storage Foundation Cluster File System Release Notes - English
File System Guides	 File System Administrator's Guide - English
	  File System Programmer's Reference Guide - English
Storage Foundation Cluster File System Guides	  Storage Foundation 5.0 Cluster File System Installation Guide - English
	  Storage Foundation 5.0 Cluster File System Administrator's Guide - English

▼ **Patches for Storage Foundation Cluster File System HA and Platform**

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Product (recommended)		
<b>Patch</b>	<b>Date</b>	<b>Size</b>
<a href="#">fs-hpux1131-5.0MP1P15</a>	2016-11-30	64.27 MB
<a href="#">odm-hpux1131-5.0RP6</a>	2016-06-29	2.2 MB
<a href="#">fs-hpux1131-5.0MP1P14</a>	2016-04-20	64.5 MB
<a href="#">vm-hpux1131-5.0MP1P7</a>	2014-10-22	258.49 MB
<a href="#">vea-hpux1131-5.0...3_844_0_2410862</a>	2011-08-10	5.58 MB
<a href="#">vea-hpux1131-5.0...44_0_2410862_obc</a>	2011-08-10	5.43 MB
<a href="#">sfha-hpux1131-5.0MP1</a>	2010-07-14	547.31 MB
<a href="#">vcs-hpux1131-VR...5.0_11.31_RP3HF1</a>	2009-10-23	5.47 MB
<a href="#">vcs-hpux1131-VRTSgab-5.0RP2HF1</a>	2009-09-29	604.05 KB
<a href="#">vcs-hpux1131-VRTSvcscs-5.0HF1</a>	2009-06-30	9.72 KB

Platform (required)
No patches required.

▼ Platform configuration

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Supported platform version

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Product versionPlatform version5.0HP-UX 11i v3 (11.31)

Related documentation

[HPUX 11i v3](#)

▼ Host bus adapter (HBA) parameters and switch parameters

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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

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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