

Symantec Storage Foundation and High Availability Solutions 6.1
Software Compatibility List - Linux



SFHA Solutions 6.1 Compatibility Matrix - Linux

Component	Version	SFHA Solutions Product Stacks										OS Support				Other Symantec products				
		SF BASIC	SF	SFHA	VCS ¹	SFCPSHA	SFVAC ²	SFVBASECE	Application/MS	DMP	SFAS Support	RHEL/OL 5 US, U6, U7, U8, U9, U10	RHEL/OL 6 US, U4, U5, U6, U7 ³	SLES 11 SP2, SP3, SP4 ⁴	NetBackup 7.7, 7.7.1	NetBackup 7.6.0.1, 7.6.1.2	NetBackup 7.5.0.5	NetBackup 7.1.0.4	VDM 6.1 MS ⁵	VDM 6.0 MS ¹⁴
OS support (x86 architecture)	RHEL5	US, U6, U7, U8, U9, U10, U11	S	S	S	S	S	S	S	S	S	S	S	NT	NT	NT	NT	S ¹⁵	S ¹⁶	
	OLS	US, U6, U7, U8, U9, U10, U11	S	S	S	S	S	S	S	S	S	S	S	NT	NT	NT	NT	S	S	
	RHEL6	U3, U4, U5, U6, U7 ³	S	S	S	S	S	S	S	S	S	S	S	S	S	S	NT	S ¹⁷	SWL ¹⁸	
	OLS	U3, U4, U5, U6, U7 ³	S	S	S	S	S	S	S	S	S	S	S	S	S	NT	S ¹⁷	SWL ¹⁸	SWL ¹⁹	
Native installer support	SLES11	SP2, SP3, SP4 ⁴	S	S	S	S	S	S	S	S	S	S	S	NT	S ¹⁷	S	S	SWL ¹⁸	SWL ¹⁹	
	Redhat (RHEL)		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
3rd party DB products	Oracle RDBMS	10g R2	S	S	S	S	S	S	S	S	S	S	S	NT	NT	NT	NT	SWL ²⁰	SWL ²¹	
		10g R2 RAC ²²	S	S	S	S	S	S	S	S	S	S	S	NT	NT	NT	NT	SWL ²⁰	SWL ²¹	
		11g R1	S	S	S	S	S	S	S	S	S	S	S	NT	NT	NT	NT	S	S	
		11g R1 RAC ²²	S	S	S	S	S	S	S	S	S	S	S	NT	NT	NT	NT	S	S	
		11g R2	S	S	S	S	S	S	S	S	S	S	S	NT	NT	NT	NT	SWL ²⁰	SWL ²¹	
		11g R2 RAC ²²	S	S	S	S	S	S	S	S	S	S	S	NT	NT	NT	NT	SWL ²⁰	SWL ²¹	
	Sybase	12C	S	S	S	S	S	S	S	S	S	S	S	NT	NT	NT	NT	S	S	
		12C RAC ²³	S	S	S	S	S	S	S	S	S	S	S	NT	NT	NT	NT	S	S	
		12x, 13x	S	S	S	S	S	S	S	S	S	S	S	NT	NT	NT	NT	SWL ²⁰	SWL ²¹	
	IBM DB2	9.5	S	S	S	S	S	S	S	S	S	S	S	NT	NT	S	NT	S	S	
		9.7	S	S	S	S	S	S	S	S	S	S	S	NT	NT	S	NT	S	S	
		10.1	S	S	S	S	S	S	S	S	S	S	S	NT	NT	S	NT	S	S	
		10.5	S	S	S	S	S	S	S	S	S	S	S	NT	NT	S	NT	S	S	
	Storage Foundation critical features / options	VMM	6.1	SWL	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SWL	SWL
		CFM	6.1	S	S	S	S	S	S	S	S	S	S	NT	NT	S	S	SWL	SWL	
VVR		6.1	S	S	S	S	S	S	S	S	S	S	NT	NT	S	S	SWL	SWL		
VVM + VVR		6.1	S	S	S	S	S	S	S	S	S	S	NT	NT	S	S	SWL	SWL		
EMR4		6.1	SWL	S	S	S	S	S	S	S	S	S	NT	NT	S	S	SWL	SWL		
VMS		6.1	SWL	S	S	S	S	S	S	S	S	S	S	S	S	S	SWL	SWL		
CFS		6.1	S	S	S	S	S	S	S	S	S	S	NT	NT	S	S	SWL	SWL		
TP/TR		6.1	S	S	S	S	S	S	S	S	S	S	NT	NT	S	S	SWL	SWL		
HA (VCS)		6.1	S	S	S	S	S	S	S	S	S	S	S	NT	NT	S	S	SWL	SWL	
Campus Cluster		6.1	S	S	S	S	S	S	S	S	S	S	NT	NT	S	S	SWL	SWL		
De-Duplication		6.1	S	S	S	S	S	S	S	S	S	S	NT	NT	S ²⁴	NT	SWL	SWL		
FS Compression		6.1	S	S	S	S	S	S	S	S	S	S	NT	NT	S ²⁵	NT	SWL	SWL		
File Replication		6.1	S	S	S	S	S	S	S	S	S	S	NT	NT	S	NT	SWL	SWL		
VBS		6.1	S	S	S	S	S	S	S	S	S	S	NT	NT	S	NT	S	S		
CP server Fencing		6.1	S	S	S	S	S	S	S	S	S	S	NT	NT	S	NT	S	S		
SmartIO - Read Caching	6.1	S	S	S	S ²⁶	S ²⁷	S	S	S	S	S	NT	NT	S	NT	SWL	SWL			
SmartIO - Write Back Caching	6.1	S	S	S	SWL ²⁸	SWL ²⁹	S	S	S	S	S	NT	NT	S	NT	SWL	SWL			
Flexible Storage Sharing	6.1	S	S	S	SWL ³⁰	SWL ³¹	S	S	S	S	S	NT	NT	S ³²	NT	SWL	SWL			
Other Symantec products	NetBackup	7.7, 7.7.1	NT	Co-exist	S	S	NT	NT					S	S	S	S				
	NetBackup	7.6.0.1, 7.6.1.2	NT	Co-exist	S ³³	S	NT	NT					S ³⁴	S ³⁵						
	NetBackup	7.5.0.5	NT	Co-exist	S	NT	S	S					S	S			Co-exist	Co-exist		
	NetBackup	7.1.0.4	NT	Co-exist	S	NT	S	S					S	S			Co-exist	Co-exist		
	NetBackup	7.0.1	NT	Co-exist	Co-exist	NT	Co-exist	Co-exist					S	S			Co-exist	Co-exist		
Virtualization ³¹	VDM MH	6.0, 6.1	S	S	S	S	S	S	S	S	S	S	Co-exist	Co-exist	Co-exist	Co-exist	Co-exist	Co-exist		
	VMMWare (in guest clustering)	5.1U1	SWL	S	S	S	SWL ³⁶	SWL ³⁷	S	S	S	S	S	S	S	S	S	S	S	
	VMMWare (in guest clustering)	5.5/U1	SWL	S	S	S	SWL ³⁸	SWL ³⁹	S	S	S	S	S	S	S	S	S	S	S	
	KVM	SWL	S	S	S	S ⁴⁰	S ⁴¹	S ⁴²	S	S	S	S	S	S	S	S	S	S	S	
	RHEV	3.1	SWL	S	S	S	S ⁴³	S ⁴⁴	S	S	S	S	S	S	S	S	S	S	S	
RHEV	3.2	SWL	S	S	S	S ⁴⁵	S ⁴⁶	S	S	S	S	S	S	S	S	S	S	S		
RHEV	3.3 ⁴⁷	SWL	S	S	S	S ⁴⁸	S ⁴⁹	S	S	S	S	S	S	S	S	S	S	S		

Footnotes:
 1 - Application/HA 6.3 and VCS 6.1 products support additional application agents.
 The support for applications is expanded through quarterly agent pack releases. See: <https://support.veritas.com/agents>
 2 - VMM Read Caching is not supported with SFCPSHA/SFRAC stack (or any parallel applications such as CFS and Oracle RAC).
 3 - Only a two-node SFCPSHA cluster is supported (SFRAC is not supported).
 4 - Up to eight-node cluster is supported.
 5 - For SFHA in host, KVM agent can be used. For SFHA in guest cluster, NSF must be used.
 6 - For SFHA in RHEL in host, KVM agent (with DR capabilities) can be used. For SFHA in guest cluster, NSF must be used.
 7 - With RDM-P LUNs, disk-based fencing is supported with one guest per host per cluster basis.
 8 - With VMADK LUNs and multi-writer flag, NSF must be used. With SmartIO and FSS, VMotion is not supported.
 9 - Supported with RDM-P LUNs with one guest per host per cluster basis.
 10 - On OLS, VDM MH is supported only with OL 6.3.
 11 - On OL6, MH is supported only with OL 6.3.
 12 - Deduplicated data unduplicates after NetBackup restore.
 13 - Compressed data uncompresses after NetBackup restore.
 14 - NetBackup VMM/FlashSnap snapshot backup does not work with FSS volume.
 15 - For more details on VDM 6.0 HSL, see: https://support.veritas.com/documents/doc_details/vdm6.0VWindows%20usr%20UNIXCompatibillVList/

15 - Supported on RHEL5 US, U6, U7, U8, U9, U10.
 16 - Supported on RHEL6 GA, U1, U2, U3, U4.
 17 - Supported on OLS US.
 18 - Supported on SLES11, SLES11 SP1, SP2.
 19 - Supported only on SLES11, RHEL5, ASMI is supported on SLES11, RHEL5, RHEL 6.3, and OL 6.3.
 20 - Supported only on RHEL5.
 21 - In-guest clustering support for VCS for:
 * Hyper-V versions: Windows 2008 R2 Datacenter Edition and Windows Server 2012.
 * VMW (x86) version: VMW (x86) version 3.0.
 See SFHA Solutions 6.2 Virtualization Guide on Linux for more information.
 22 - RHEV 3.3 support started from 6.1.1.
 23 - In case of SFHA in RHEL H host, KVM agent (with DR capabilities) can be used.
 In case of SFHA in guest cluster, NSF will need to be used.
 24 - Supported on RHEL5 GA, U1, U2, U3, U4, U5.
 25 - Supported on OL6 US, U4, U5.
 26 - Supported on SLES11, SLES11 SP1, SP2, SP3.
 27 - Supported from 6.1.1.
 28 - For information about RAC, see: <http://www.veritas.com/business/support/index?os=linux&order=bit-DOC0081>
 29 - U7 is supported from 6.1.1 with the sfa-sles11sp4_x86_64-Patch-6.1.1.200.patch.
 30 - SLES11 SP4 is supported from 6.1.1 with the sfa-sles11sp4_x86_64-Patch-6.1.1.100.patch.
 31 - Tested/supported only on NetBackup 7.6.1.2.
 32 - Co-exist only on NetBackup 7.6.0.1.
 33 - Tested/supported only on NetBackup 7.6.0.1.
 34 - Tested/supported only on NetBackup 7.7.

Legend	
S	Supported
SWL	Supported with limitations
Co-exist	Supported from co-existence point of view
T	Tested successfully
NT	Not tested
Test ⁵⁰	Test has footnote. See Footnotes below the support matrix. None applicable/Not Available.

Acronyms	
ASM	Automatic Storage Management
CFS	Cluster File System
CP server	Coordination Point Server
CVM	Cluster Volume Manager
DB	Database
DMP	Dynamic Multi-pathing
EMR	Event Mirror Resync
FSS	File System
FSS	Flexible Storage Sharing
HA	High Availability
HSL	Hardware and Software Compatibility List
KVM	kernel-based Virtual Machine
NetBackup	NetBackup
OL	Oracle Linux
RAC	Real Application Clusters
RHEL	Red Hat Enterprise Linux
RHEV	Red Hat Enterprise Virtualization
SF	Storage Foundation
SOWT	Symantec Operations Readiness Tools
SFCPSHA	Storage Foundation Advanced Edition
SFRAC	Storage Foundation Cluster File System
SFHA	Storage Foundation and High Availability
SFRAC	Storage Foundation for Oracle RAC
SLES	SUSE Linux Enterprise Server
SOWT	Symantec Operations Readiness Tools
SFVBASECE	Storage Foundation for Sybase CE
TP/TR	Thin provisioning/Thin reclamation
VBS	Virtual Business Service
VCS	Symantec Cluster Server
VMDK	Virtual Machine Disk
VMM	Veritas Operations Manager
VDM MH	Veritas Operations Manager Management Host
VDM MS	Veritas Operations Manager Management Server
VVR	Veritas Volume Replicator
VPS	Veritas File System
VVM	Veritas Volume Manager

Other useful links:
[Veritas InfoScale Operations Manager](https://support.veritas.com/agents)
[DRG support matrix](#)
[Oracle support matrix \(Oracle RAC and Oracle Single Instance\)](#)
[Sybase support matrix](#)
[Agent Pack release download](#)
[NetBackup documentation and compatibility lists](#)