

Symantec Storage Foundation and High Availability Solutions 6.2 and later Software Compatibility List - Linux



SFHA 6.2 Compatibility Matrix - Linux

COMPONENT	VERSION	Product Stacks / Tools										OS Support				Coexistence Support					
		SF BASIC	SF	SFHA	VCS <sup>1</sup>	SFCSHA	SFRAC	SFYSBASECE	ApplicationHA <sup>1</sup>	DMP	SFAE	RHEL/OL6 U3 <sup>23</sup> , U4, US, UE <sup>23</sup> , U7 <sup>23</sup> , UB <sup>23</sup>	RHEL-H 8.3	RHEL-H 8.4	OL6 U3 <sup>23</sup> , U4, US UEK2/OL7 UEK3 <sup>14</sup>	SLES 11 SP2, SP3, SP4 <sup>24</sup>	SLES 12 GA SP1 <sup>21</sup>	NetBackup 7.7, 7.7.1	NetBackup 7.6.0.2, 7.6.1.2	NetBackup 7.5.0.7	VOM MS 6.0, 6.1 <sup>11</sup>
OS Support (x86 Architecture)	RHEL6	U3 <sup>23</sup> , U4, US, UE <sup>23</sup> , U7 <sup>23</sup> , UB <sup>23</sup> , U9 <sup>23</sup>	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	RHEL 7	7.0, 7.1 <sup>1</sup> , 7.2 <sup>2</sup> , 7.3 <sup>30</sup> , 7.4 <sup>11</sup> , 7.5 <sup>31</sup>	S <sup>2</sup>	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	OL6	U3 <sup>23</sup> , U4, US, UE <sup>23</sup> , U7 <sup>23</sup>	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	OL7	7.0, 7.1, 7.2 <sup>2</sup>	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	OL6 UEK2	U4, US	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	OL7 UEK3	7.0 <sup>1</sup>	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	SLES11	SP2, SP3, SP4 <sup>24</sup>	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
SLES12	GA, SP1 <sup>21</sup> , SP2 <sup>21</sup>	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
Native Installer	Kickstart (RHEL)		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	YUM (RHEL)		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
3rd Party DB Products <sup>14</sup>	Oracle RDBMS	10g R2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
		10g R2 RAC	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
		11g R2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
		11g R2 RAC	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	12C R1 RAC	12C	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	Sybase	15.x	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	Sybase ASE CE	15.5	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	IBM DB2	9.5	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
		9.7	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	10.1	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
10.5	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
Critical Features / Options	VxVM	6.2	SWL	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	DMP	6.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	CVM	6.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	VVR	6.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	CVM+VVR	6.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	FMRA	6.2	SWL	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	VuFS	6.2	SWL	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	CFS	6.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	TPT/TT	6.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	HA (VCS)	6.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	DR	6.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	Campus Cluster	6.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	DR-Duplication	6.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	FS Compression	6.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	File Reclamation	6.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
VBS	6.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
CPS Fencing	6.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
SmartIO - Read Caching	6.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
SmartIO - Write Back Caching	6.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
Flexible Storage Sharing	6.2	SWL <sup>1</sup>	SWL <sup>4</sup>	SWL <sup>4</sup>	SWL <sup>4</sup>	SWL <sup>4</sup>	SWL <sup>4</sup>	SWL <sup>4</sup>	SWL <sup>4</sup>	SWL <sup>4</sup>	SWL <sup>4</sup>	SWL <sup>4</sup>	SWL <sup>4</sup>	SWL <sup>4</sup>	SWL <sup>4</sup>	SWL <sup>4</sup>	SWL <sup>4</sup>	SWL <sup>4</sup>	SWL <sup>4</sup>	SWL <sup>4</sup>	
Coexisting products	NetBackup	7.7, 7.7.1	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	NetBackup	7.6.0.2, 7.6.1.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
	NetBackup	7.5.0.7	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
VOM MH	6.1.0.100	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
Virtualization <sup>17</sup>	VMWare (In guest clustering)	5.1 U1, U2 <sup>18</sup> , U3 <sup>19</sup>	SWL	S	S	S	S	SWL <sup>7</sup>													
	VMWare (In guest clustering)	5.5 U1, U2, U3 <sup>19</sup>	SWL	S	S	S	S	SWL <sup>7</sup>													
	VMWare (In guest clustering)	6.0 GA, U1 <sup>1</sup> , U2 <sup>2</sup> , U3 <sup>14</sup>	SWL	S	S	S	S	SWL <sup>7</sup>													
	KVM (In guest clustering)	6.5 GA, U1, U2, 6.7	SWL	S	S	S	S	SWL <sup>7</sup>													
	RHEV (In guest clustering)	3.3	SWL	S	S	S	S	SWL <sup>7</sup>													
RHEV (In guest clustering)	3.4	SWL	S	S	S	S	SWL <sup>7</sup>														

Legend	
S	Supported
SWL	Supported with limitations
Co-exist	Supported from co-existence point of view
T	Tested Successfully
NT	Not tested.
Text <sup>1</sup>	Text has footnote. See Footnotes below the support matrix
	Not 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
FMRR	Fast Mirror Resync
FS	File System
FSS	Flexible Storage Sharing
HA	High Availability
HSLC	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
SFAE	Storage Foundation Advanced Edition
SFCSHA	Storage Foundation Cluster File System
SFHA	Storage Foundation and High Availability
SFRAC	Storage Foundation for Oracle RAC
SLES	SUSE Linux Enterprise Server
SDRT	Symantec Operations Readiness Tools
SFYSBASECE	Storage Foundation for Sybase CE
TPT/TT	Thin provisioning/Thin reclamation
VBS	Virtual Business Service
VCS	Symantec Cluster Server
VMDK	Virtual Machine Disk
VOM	Veritas Operations Manager
VOM MH	Veritas Operations Manager Management Host
VOM MS	Veritas Operations Manager Management Server
VuFS	Veritas File System
VVR	Veritas Volume Replicator
VVVM	Veritas Volume Manager

Footnotes:  
 1 - ApplicationHA and VCS products support additional application agents. The support for applications is expanded through quarterly Agent Pack releases. See: <https://sort.veritas.com/agents>  
 2 - On RHEL/OL 7, for SF Basic, support is available when you create a symbolic link under the Perl directory.  
 3 - Only a two-node SFCSHA cluster is supported.  
 4 - For SFHA in host, KVM agent can be used. For SFHA in guest cluster, NSF must be used.  
 5 - For SFHA in RHEL-H host (with DR capabilities) can be used. For SFHA in guest cluster, NSF must be used.  
 6 - Up to eight-node cluster is supported.  
 7 - With RDM+P LUNs, disk-based fencing is supported with one guest per host per cluster basis. With VMDK LUNs and multi-writer flag, NSF must be used. With SmartIO and FSS, VMotion is not supported.  
 8 - Supported on RHEL6 US.  
 9 - Deduplicated data undeduplicates after NetBackup restore.  
 10 - Compressed data uncompresses after NetBackup restore  
 11 - NetBackup VxVM/FlashSnap snapshot backup does not work with FSS volume.  
 12 - Write-back caching does not work during NetBackup restore.

13 - For more details on VOM HSLC, visit <https://sort.veritas.com/istemp/document/4>  
 14 - Supported on RHEL6 GA, U1, U2, U3, U4, U5  
 15 - Supported on OL6 U4  
 16 - Supported on SLES11, SLES11 SP1, SLES11 SP2  
 17 - In-guest clustering support for VCS for: Hyper-V versions: Windows 2008 R2 Datacenter Edition and Windows Server 2012. OVM (x86) version: OVM (x86) Server 3.0. See SFHA Solutions 6.1 Virtualization Guide on Linux for more information.  
 18 - The database support matrix will be updated based on the database certification program. See: <http://www.sort.veritas.com>  
 19 - Supported from 6.2.1 onwards.  
 20 - Not supported from 6.2.1 onwards.  
 21 - SLES 12 GA supported from 6.2.1.  
 SLES 12SP1 supported from 6.2.1 onwards with the sfo-sles12sp1\_x86\_64-Patch-6.2.1.100 patch.  
 22 - Supported on 6.2.1 with the sfo-rhel6.7\_x86\_64-Patch-6.2.1.100 patch.  
 23 - Supported on 6.2 with 6.2.0.100 FS patch, and 6.2.1 onwards.  
 24 - Supported from 6.2.1 with the sfo-sles11sp4\_x86\_64-Patch-6.2.1.100 patch.  
 25 - Supported from 6.2.1 with the sfo-rhel7.2\_x86\_64-Patch-6.2.1.100 patch.  
 26 - Supported/co-exist only on NetBackup 7.6.0.2.  
 27 - Supported only on 7.6.1.2.  
 28 - Supported on 6.2.1 with the ll-rhel6.8\_x86\_64-Patch-6.2.1.500 patch.  
 29 - Supported from 6.2.1 onwards with ApplicationHA.  
 30 - Supported through <https://sort.veritas.com/patch/detail/12181>  
 31 - Supported through <https://sort.veritas.com/patch/detail/12644>  
 32 - Qualified with rhel6.8 support bundle.  
 33 - Supported with the patch, see: <https://sort.veritas.com/patch/detail/13056>  
 34 - Only vSphere Web client will be supported on vSphere 6.5 for Application HA 6.1. No desktop client support is qualified. Application HA is qualified with VDOM 7.1  
 35 - Supported on 6.2.1 with the sfo-rhel7.9\_x86\_64-Patch-6.2.1.7300 patch.

Other useful links:  
[Veritas InfoScale Operations Manager](#)  
[DB2 support matrix](#)  
[Oracle support matrix \(Oracle RAC and Oracle Single Instance\)](#)  
[Sybase Support Matrix](#)  
[Agent Pack release download](#)  
[NetBackup documentation and compatibility lists](#)