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

SFHA 6.2 Compatibility Matrix - Linux

	COMPONENT	VERSION	SFHA Product Stacks: SF BASIC	SF	SFHA	VCS[1]	SFCFSHA	SFRAC	SFSYBASECE	ApplicationHA[1]	DMP	SFAE Support	OS Support: RHEL/OL 6 U3[16], U4, U5, U6[18], U7[19] , U8[28]	RHEL-H 3.3	RHEL-H 3.4	RHEL/OL 7.0, 7.1[18], 7.2[19]	OL 6 U3[16], U4, U5 UEK2/OL7 UEK3[19]	SLES 11 SP2, SP3, SP4[24]	SLES 12 GA SP1[25]	Coexistence Support: 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 [15]
OS Support (X86 Architecture)	RHEL6	U3[19], U4, U5, U6[19], U7[19], U8[23] , U9[32]	S	S	S	S	S	S		S	S	S		S[4]	S[4]					S	S[26]	S	S[14]
	RHEL 7	7.0, 7.1[19], 7.2[25], 7.3[30] , 7.4 [31]	S[2]	S	S	S	S	S		S	S	S								S	S[26]	NT	
	OL6	U3[20], U4, U5, U6[21], U7[22]	S	S	S	S	S	S		S	S	S								S	S[27]	NT	S[15]
	OL7	7.0, 7.1, 7.2 [25]	S	S	S	S	S	S		S	S	S								NT	S[26]	NT	
	OL6 UEK2	U4, U5				S														NT	NT	NT	S[15]
	OL7 UEK3	7.0 [19]				S														NT	NT	NT	S[15]
	SLES11	SP2, SP3, SP4[24]	S	S	S	S	S	S		S	S	S								S	S[26]	NT	S[16]
	SLES12	GA, SP1[25], SP2[31]	S	S	S	S	S			S	S	S								S	S[26]	NT	
Native Installer Support	Kickstart (RHEL)		S	S	S	S	S	S		S	S		S			S	S				NT	NT	
	YUM (RHEL)		S	S	S	S	S	S		S	S		S			S	S				NT	NT	
3rd Party DB Products[18]	Oracle RDBMS	10g R2	S	S	S	S	S			S		S						S	S	NT	NT	NT	SWL
		10g R2 RAC																		NT			
		11g R2	S	S	S	S	S			S		S	S			S	S	S	S	NT	S	S	SWL
		11g R2 RAC						S					S			S		S	S	NT	S		
		12C	S	S	S	S	S			S		S	S			S	S	S	S	NT	NT	NT	SWL
		12C R1 RAC						S					S			S		S	S	NT			
	Sybase	15.x	S	S	S	S	S			S			S				S	S	S	NT	NT	NT	SWL
	Sybase ASE CE	15.5																		NT			
	IBM DB2	9.5	S	S	S	S	S			S		S	S				S	S	S	NT	NT	NT	SWL
		9.7	S	S	S	S	S			S		S	S				S	S	S	NT	NT	NT	SWL
		10.1	S	S	S	S	S			S		S	S				S	S	S	NT	NT	NT	SWL
		10.5	S	S	S	S	S			S		S	S				S	S	S	NT	NT	NT	SWL
Storage Foundation Critical Features / Options	VxVM	6.2	SWL	S	S		S	S					S		S	S		S	S	S	S	S	SWL
	DMP	6.2	S	S	S	Co-exist	S	S			S		S		S	S		S	S	NT	NT	NT	SWL
	CVM	6.2					S	S					S		S	S		S	S	NT	S[26]	S	SWL
	VVR	6.2		S	S		S	S					S		S	S		S	S	NT	NT	NT	SWL
	CVM + VVR	6.2					S	S					S		S	S		S	S	NT	NT	NT	SWL
	FMR4	6.2	SWL	S	S		S	S					S		S	S		S	S	NT	S[29]	NT	SWL
	VxFS	6.2	SWL	S	S		S	S					S		S	S		S	S	NT	S	S	SWL
	CFS	6.2					S	S					S		S	S		S	S	NT	S	S	SWL
	TP/TR	6.2		S	S		S	S					S		S	S		S	S	NT	NT	NT	SWL
	HA (VCS)	6.2			S	S	S	S					S	S	S	S	S	S	S	S	S	S	SWL
	DR	6.2			S	S	S	S					S	S	S	S		S	S	NT	NT	NT	SWL
	Campus Cluster	6.2			S	S	S	S					S			S		S	S	NT	NT	NT	SWL
	De-Duplication	6.2		S	S		S	S					S		S	S		S	S	NT	S[9]	S[9]	SWL
	FS Compression	6.2		S	S		S	S					S		S	S		S	S	NT	S[10]	S[10]	SWL
	File Replication	6.2		S	S		S	S					S		S	S		S	S	NT	NT	NT	
	VBS	6.2			S	S	S	S		S			S		S	S		S	S	NT	NT	NT	S
	CPS Fencing	6.2			S	S	S	S					S		S	S		S	S	NT	NT	NT	
	SmartIO - Read Caching	6.2		S	S		S	S					S		S	S		S	S	NT	S[26]	NT	SWL
	SmartIO - Write Back Caching	6.2		S	S		SWL[8]						S		S	S		S	S	NT	S[26, 12]	NT	SWL
	Flexible Storage Sharing	6.2					SWL[8]	SWL[8]					S		S	S		S	S	NT	S[26, 13]	S[13]	SWL
Other Symantec products	Netbackup	7.7, 7.7.1			S								S			S			S				NT
	Netbackup	7.6.0.2, 7.6.1.2			S		S[26]						S			S[27]			S				Co-exist[26]
	Netbackup	7.5.0.7			S		S						S			S			S				Co-exist
	VOM MH	6.1.0.100	S	S	S	S	S			S	S		S			S	S		S			S	
Virtualization[17]	VMWare (in guest clustering)	5.1 U1, U2[19], U3/5.5 U1, U2, U3[19]	SWL	S	S	S	SWL[7]			S	S		S			S			S	NT	S[26]	S	S
	VMWare (in guest clustering)	6.0 GA, U1[19],U2 [29], U3[33], 6.5 GA, U1, U2, 6.7	SWL	S	S	S	SWL[7]			S	S		S			S			S	NT	NT	NT	S
	KVM (in guest clustering)		SWL	S	S[4]	S[4]	S[4]			S	S		S			S			S	NT	NT	NT	S
	RHEV (in guest clustering)	3.3				S[5]							S										
	RHEV (in guest clustering)	3.4	SWL	S	S[5]	S[5]	S[5]				S		S										

Legend	
S	Supported
SWL	Supported with limitations
Co-exist	Supported from co-existence point of view
T	Tested Successfully
NT	Not tested.
Text[1]	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
FMR	Fast Mirror Resync
FS	File System
FSS	Flexible Storage Sharing
HA	High Availability
HSCL	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
SFCFSHA	Storage Foundation Cluster File System
SFHA	Storage Foundation and High Availability
SFRAC	Storage Foundation for Oracle RAC
SLES	SUSE Linux Enterprise Server
SORT	Symantec Operations Readiness Tools
SFSYBASECE	Storage Foundation for Sybase CE
TP/TR	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
VxFS	Veritas File System
VVR	Veritas Volume Replicator
VxVM	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 SFCFSHA 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, KVM agent (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 U5.
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 HSCL, visit
https://sort.veritas.com/sitemap/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 sfha-sles12sp1_x86_64-Patch-6.2.1.100 patch.
22 - Supported on 6.2.1 with the sfha-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 sfha-sles11sp4_x86_64-Patch-6.2.1.100 patch.
25 - Supported from 6.2.1 with the sfha-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 llt-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 VIOM 7.1

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

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