Veritas InfoScale 7.4.2 Compatibility Matrix - Linux

VERITAS

InfoScale Enterprise: InfoScale Storage (InfoScale Foundation), InfoScale Availability

Operating System Support

	Component	Version	Limited SF	SF	SFCFS	VCS [5]	SFHA	SFCFSHA	SFRAC [2]	SFAE	RHEL / OL 7.7	RHEL 7.8	RHEL / OL 7.9	RHEL / OL 8.1	RHEL / OL 8.2	RHEL 8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 8.9	SLES 12 SP4, SP5	SLES 15 SP1, SP2, SP3, SP4	CentOS 7.7, 7.9	CentOS 8.1, 8.2
Operating System Support (x86 Architecture)	RHEL / OL 7	7.7	S	S	S	S	S	S	S	S										
	RHEL 7	7.8	S	S	S	S	S	S	S	S										
	RHEL / OL 7	7.9	S	S	S	S	S	S	S	S										
	RHEL / OL 8	8.1	S	S	S	S	S	S	S											
	RHEL / OL 8	8.2	S	S	S	S	S	S	S											
	RHEL 8	8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 8.9	S	S	S	S	S	S	S											
	SLES 12	SP4, SP5	S	S	S	S	S	S		S										
	SLES 15	SP1, SP2, SP3, SP4	S	S	S	S	S	S		S										
	CentOS	7.7, 7.9	S	S	S	S	S	S		S										
	CentOS	8.1, 8.2	S	S	S	S	S	S												
Native Installer Support	Kickstart (RHEL)		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
Third-Party Database Products [2]	Oracle RDBMS	12c R2	S	S	S	S	S	S		S	S	S	S				S	S		
		12c R2 RAC [2]																		
		19c	S	S	S	S	S	S		S	S	S	S	S	S	S	S	S		
		19c RAC [2]							S		S [17]	S	S [17]	S	S	S				
		21c	S	S	S	S	S	S		S	S [25]	S [25]	S [25]	S	S	S		S		
	Sybase	15.x, 16.x	S	S	S	S	S	S			S	S	S				S			
	IBM DB2	10.5, 11.1 [10], 11.5 [10, 13]	S	S	S	S	S	S		S	S	S	S	S [13]	S [13]		S			
InfoScale Critical Features / Configuration Options	VxVM	7.4.2	S	S	S		S	S	S		S	S	S	S	S	S	S	S	S	S
	DMP	7.4.2	S	S	S		S	S	S		S	S	S	S	S	S	S	S	S	S
	CVM	7.4.2			S			S	S		S	S	S	S	S	S	S	S	S	S
	VVR	7.4.2		S	S		S	S	S		S	S	S	S	S	S	S	S	S	S
	CVM + VVR	7.4.2			S			S	S		S	S	S	S	S	S	S	S	S	S
	FMR4	7.4.2	SWL	S	S		S	S	S		S	S	S	S	S	S	S	S	S	S
	VxFS	7.4.2	S	S	S		S	S	S		S	S	S	S	S	S	S	S	S	S
	CFS	7.4.2			S			S	S		S	S	S	S	S	S	S	S	S	S
	TP/TR	7.4.2		S	S		S	S	S		S	S	S	S	S	S	S	S	S	S
	HA (VCS)	7.4.2				S	S	S	S		S	S	S	S	S	S	S	S	S	S
	DR	7.4.2				S	S	S	S		S	S	S	S	S	S	S	S	S	S
	Campus Cluster	7.4.2			S	S	S	S	S		S	S	S	S	S	S	S	S	S	S
	De-Duplication	7.4.2		S	S		S	S	S		S	S	S	S	S	S	S	S	S	S
	FS Compression	7.4.2		S	S		S	S	S		S	S	S	S	S	S	S	S	S	S
	File Replication	7.4.2		S	S		S	S	S		S	S	S	S	S	S	S	S	S	S
	VBS	7.4.2				S	S	S	S		S	S	S	S	S	S	S	S	S	S
	CPS Fencing	7.4.2				S	S	S	S		S	S	S	S	S	S	S	S	S	S
	SmartIO - Read Caching	7.4.2		S	S		S	S	S		S	S	S	S	S	S	S	S	S	S
	SmartIO - Write Back Caching	7.4.2		S	S		S	SWL [9]			S	S	S	S	S	S	S	S	S	S
	Flexible Storage Sharing	7.4.2			S			S	S		S	S	S	S	S	S	S	S	S	S
Coexisting Products	NetBackup	8.1.2		S		S		S					S [19]							
	NetBackup	8.2		S		S	S	S				S	S	S [15]	S	S [18,20]				S [23]
	NetBackup	8.3, 8.4		S		S	S	S			S [3]	S	S	S [3]	S	S [18,20]		S [16]		S [23]
	NetBackup	8.3.0.1		S		S	S	S			S [14]	S	S	S [14]	S	S [18,20,24]				S [23]
	NetBackup	8.3.0.2		S		S	S	S					S [19]							
	NetBackup	9		S		S	S	S							S [17]	S [18,20]				
	NetBackup	9.0.0.1		S		S	S	S								S [18]				
	NetBackup	9.1		S		S	S	S				S [20]	S [20]		S [17,21]	S [18,20,21]		S [21,22]		
	NetBackup	9.1.0.1		S		S	S	S					S			S				
	NetBackup	10		S		S	S	S			S		S		S	S [26]				
	NetBackup	10.0.0.1		S		S	S	S					S			S [33]	S [32]			
	NetBackup	10.1		S		S	S	S					S			S [24]				
	NetBackup	10.1.1		S		S	S	S					S			S [30]		S [29]		
	NetBackup	10.2		S		S	S	S					S			S [31]				
	NetBackup	10.3 [35]		S		S	S	S					S			S [36]				
	InfoScale Operations Manager MH	7.4.2 [11]	S	S	S	S	S	S			S	S	S	S	S	S [18,20]				
Virtualization [1]	VMware (In-guest clustering)	6.5 U3; 6.7 U3 vSphere 6.5 U3; 6.7 U3 [12]; 7.0 [4], U1 [4], U2a [4], 7.0 Update 3c, 8.0 [4], 8.0 U1 [4], 8.0 U2 [4]	SWL	S	S	S	S	SWL [8]			S	S	S	S	S	S	S	S		
	KVM (In-guest clustering)		SWL	S	S	S [6]	S [6]	S [6]									S	S		
	RHEV (On Host)	3.5, 3.6																		
	RHEV (In-guest clustering)	3.4, 3.5, 3.6	SWL	C	C	C [7]	C [7]	C [7]												
	Hyper-V (In-guest clustering)	2016	S	S	S	S	S	SWL [8]			S	S	S	S	S	S				
	OpenStack (In-guest clustering)	RHOSP 10, 11, 12, 13 Mirantis 9				S					S	S	S							
	Nutanix	AOS 5.10.5, 5.20, 6.5 LTS [27]		S	S	S	S	S			S	S	S	S	S	S			S	S
Cloud	Azure	NA	S	S	S	S	S	S	S		S	S	S	S	S	S			C	C
	AWS	NA	S	S	S	S	S	S	S		S	S	S	S	S	S			C	C
	GCP	NA	S	S	S	S	S	S	S		S	S	S	S	S	S			C	C

Coexistence Support

	Component	Version	NetBackup 8.1.2	NetBackup 8.2	NetBackup 8.3	NetBackup 8.3.0.1	NetBackup 8.3.0.2	NetBackup 9.0	NetBackup 9.0.0.1	NetBackup 9.1	NetBackup 9.1.0.1	NetBackup 10	NetBackup 10.0.0.1	NetBackup 10.1	NetBackup 10.1.1	NetBackup 10.2	NetBackup 10.3 [35]	InfoScale Operations Manager MS 7.4.2 [11]
Operating System Support (x86 Architecture)	RHEL / OL 7	7.7			S [3]	S [14]						S						S
	RHEL 7	7.8		S	S	S				S [21]								S
	RHEL / OL 7	7.9	S [19]	S	S	S	S [19]			S [21]	S	S	S	S	S	S	S	S
	RHEL / OL 8	8.1		S [15]	S [3]	S [14]												S
	RHEL / OL 8	8.2		S	S	S				S [17,21]		S						S
	RHEL 8	8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 8.9		S [18,20]		S [18,20,24]		S [18,20]	S [18]	S [18,20,21]	S	S [26]	S [33]	S [28]	S [30]	S [31]	S [36]	S
	SLES 12	SP4, SP5											S [32]					S
	SLES 15	SP1, SP2, SP3, SP4			S [16]					S [21,22]					S [29]			S
	CentOS	7.7, 7.9																S
	CentOS	8.1, 8.2		S [23]	S [23]	S [23]												S
Native Installer Support	Kickstart (RHEL)																	
	YUM (RHEL)																	
Third-Party Database Products [2]	Oracle RDBMS	12c R2																SWL
		12c R2 RAC [2]																
		19c																SWL
		19c RAC [2]																
		21c																SWL
	Sybase	15.x, 16.x																SWL
	IBM DB2	10.5, 11.1 [10], 11.5 [10, 13]																
InfoScale Critical Features / Configuration Options	VxVM	7.4.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SWL
	DMP	7.4.2																SWL
	CVM	7.4.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SWL
	VVR	7.4.2	S															SWL
	CVM + VVR	7.4.2																SWL
	FMR4	7.4.2																SWL
	VxFS	7.4.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SWL
	CFS	7.4.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SWL
	TP/TR	7.4.2																SWL
	HA (VCS)	7.4.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SWL
	DR	7.4.2	S					S	S	S	S	S	S	S	S	S	S	SWL
	Campus Cluster	7.4.2																SWL
	De-Duplication	7.4.2																SWL
	FS Compression	7.4.2																SWL
	File Replication	7.4.2																
	VBS	7.4.2																S
	CPS Fencing	7.4.2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
	SmartIO - Read Caching	7.4.2																SWL
	SmartIO - Write Back Caching	7.4.2																SWL
	Flexible Storage Sharing	7.4.2						S	S	S	S	S	S	S	S	S	S	SWL
Coexisting Products	NetBackup	8.1.2																
	NetBackup	8.2																
	NetBackup	8.3, 8.4																
	NetBackup	8.3.0.1																
	NetBackup	8.3.0.2																
	NetBackup	9																
	NetBackup	9.0.0.1																
	NetBackup	9.1																
	NetBackup	9.1.0.1																
	NetBackup	10																
	NetBackup	10.0.0.1																
	NetBackup	10.1																
	NetBackup	10.1.1																
	NetBackup	10.2																
	NetBackup	10.3 [35]																
	InfoScale Operations Manager MH	7.4.2 [11]																
Virtualization [1]	VMware (In-guest clustering)	6.5 U3; 6.7 U3 vSphere 6.5 U3; 6.7 U3 [12]; 7.0 [4], U1 [4], U2a [4], 7.0 Update 3c, 8.0 [4], 8.0 U1 [4], 8.0 U2 [4]																SWL
	KVM (In-guest clustering)																	SWL
	RHEV (On Host)	3.5, 3.6																
	RHEV (In-guest clustering)	3.4, 3.5, 3.6																
	Hyper-V (In-guest clustering)	2016																
	OpenStack (In-guest clustering)	RHOSP 10, 11, 12, 13 Mirantis 9																
	Nutanix	AOS 5.10.5, 5.20, 6.5 LTS [27]																SWL
Cloud	Azure	NA																SWL
	AWS	NA																
	GCP	NA																

Legend

S	Supported
C	Compatible
SWL	Supported with limitations
Co-exist	Supported from co-existence point of view
T	Tested successfully
NT	Not tested
<Text> [<integer>]	See corresponding footnote below the support matrix
	Not Applicable/Not Available

Acronyms

ASM	Automatic Storage Management
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
LPAR	Logical Partition
NIM	Network Installation Manager
NIMADM	Network Installation Manager Alternate Disk Migration
NPIV	N-Port ID Virtualization
RAC	Real Application Clusters
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
SORT	Veritas Operations Readiness Tools
SFSYBASECE	Storage Foundation for Sybase CE
TP/TR	Thin provisioning/Thin reclamation
VBS	Virtual Business Service
MH	Managed host
VCS	Veritas Cluster Server
MS	Management Server
VVR	Veritas Volume Replicator
VxFS	Veritas File System
VxVM	Veritas Volume Manager
VIOS	Virtual I/O Server

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

Footnotes

1. In-guest clustering is supported for:
~ Hyper-V versions: Windows 2012 R2 Datacenter Edition and Windows Server 2016
~ OVM version: OVM (x86) Server 3.0
For details, refer to the *Veritas InfoScale Virtualization Guide* for Linux.
2. Supported items indicated testing status only. When approved by the Oracle database certification program, these details are reflected in the database support matrix.
3. Supported with NetBackup 8.3 on RHEL 7.7 and RHEL 8.1 only.
4. Limited support for VMware vSphere 7.0, 8.0, 8.0 U1, 8.0 U2, and vSAN 6.7 U3/7.0 datastore with SCSI-3 enabled VMDK disks. For details, visit:
https://www.veritas.com/content/support/en_US/article.100048628
5. VCS products support additional application agents. The support for applications is expanded through quarterly Agent Pack releases.
6. For an SFHA in-host configuration, the KVM agent can be used. For an SFHA in-guest cluster, NSF must be used.
7. For SFHA on a RHEL-H host, the KVM agent (with DR capabilities) can be used. For an SFHA in-guest cluster, NSF must be used.
8. For RDM-P LUNs, disk-based fencing is supported with one guest per host on a per cluster basis.
~ For VMDK LUNs and the multi-writer flag, NSF must be used.
~ For SmartIO and FSS, vMotion is not supported.
9. Only a two-node SFCFSHA cluster is supported.
10. SFDB tools and SFAE are not supported.
11. For details on the Veritas InfoScale Operations Manager HSCL, visit:
https://sort.veritas.com/sitemap/document/4
12. VMware vSphere 6.7 does not support the Veritas HA plugin.
13. Only IBM DB2 11.5.4 is supported.
14.Supported with NetBackup 8.3.0.1 on RHEL 7.7 and RHEL 8.1 only.
15. Supported with NetBackup 8.2 on RHEL 8.1 only.
16. Supported with NetBackup 8.3 on SLES 15 only.
17. Supported on RHEL only and not on OL.
18. Supported on RHEL 8.4 only.
19. Supported on RHEL 7.9 only.
20. Supported on RHEL 8.3 only.
21. On NetBackup 9.1, when the FlashSnap Snapshot method is enabled with the IR option, the point-in-time rollback restore operations fail.
The following message is logged: "Status 2800: Standard policy restore error." To resolve the issue, upgrade to NetBackup 9.1.0.1 or later.
22. Supported on SLES 15 SP3 only.
23. Supported on 8.1 only.
24. Supported on RHEL 8.5 only.
25. Supported on OL only and not on RHEL.
26. Supported on RHEL 8.3, RHEL 8.6, and RHEL 8.8 only.
27. Tested on RHEL 7.9 only
28. Supported on RHEL 8.5 and RHEL 8.6 only.
29. Supported on SLES15 SP4 only.
30. Supported on RHEL 8.6, RHEL 8.7, and RHEL 8.8 only.
31. Supported on RHEL 8.6 and RHEL 8.8 only.
32. Supported on SLES12 SP5 only.
33. Supported on RHEL 8.7 only.
34. Supported on RHEL 8.6 only.
35. To see a tech note, visit:
https://www.veritas.com/support/en_US/article.100061552
36. Supported on RHEL 8.6, RHEL 8.8, and RHEL 8.9 only.

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