



Veritas InfoScale™ 7.0,7.0.1 for Windows

Software Compatibility List

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General Notes

All software configurations listed have been qualified with the following products: Veritas InfoScale™ Enterprise 7.0,7.0.1 for Windows®, Veritas InfoScale™ Storage 7.0,7.0.1 for Windows®, Veritas InfoScale™ Availability 7.0,7.0.1 for Windows®, Veritas InfoScale™ Foundation 7.0,7.0.1 for Windows®. Following features are also supported: Volume Replicator, Dynamic Multi-Pathing, FlashSnap, and Cluster for Microsoft® Failover Clustering.

Due to the number of combinations, it is not possible to test all combinations for compatibility. If a particular service pack or version of an application is not listed as specifically tested by Symantec, it may work fine, but has not been explicitly tested with the Veritas Storage and Application Availability Management Solutions for Windows products. Software applications that are not on the Veritas Storage and Application Availability Management Solutions for Windows software Compatibility List (SCL) are provided "commercially reasonable effort" support only. Commercially reasonable effort support allows for escalations based on unqualified software, but if a problem is determined to be software specific, the problem is not guaranteed to be resolved.

Please subscribe to this document since the information in this document will be updated as necessary and subscribing will automatically notify you of any changes to it. In addition, if a particular platform or application is not currently listed as being supported, a request for additions to this list can be made through submitting a suggestion or idea for Symantec products: https://support.symantec.com/en_US/article.HOWTO38237.html.

For a listing of 3rd Party Multipath software supported please check the Veritas Storage and Application Availability Management Solutions for Windows Hardware Compatibility List (HCL).



Support Legend

The following support legends are used in this document.

Tested and supported	S
Supported with limitations	L
Compatible and supported, but not tested by Symantec	C
Not supported	X
Not applicable	N/A



Operating Systems

The following Microsoft operating systems are supported.

Vendor	Product	Version	Veritas InfoScale™			
			Enterprise	Storage	Availability	Foundation
Microsoft	Windows Server 2012 R2 Datacenter ^{[1][3]}	GA	S	S	S	S
Microsoft	Windows Server 2012 R2 Standard ^{[1][3]}	GA	S	S	S	S
Microsoft	Windows Server 2012 R2 Essentials ^[3]	GA	C	C	C	C
Microsoft	Windows Server 2012 R2 Foundation ^[3]	GA	C	C	C	C
Microsoft	Windows Storage Server 2012 R2 ^[3]	GA	S	S	S	S
Microsoft	Windows Server 2012 Datacenter ^[1]	GA	S	S	S	S
Microsoft	Windows Server 2012 Standard ^[1]	GA	S	S	S	S
Microsoft	Windows Server 2012 Essentials	GA	C	C	C	C
Microsoft	Windows Server 2012 Foundation	GA	C	C	C	C
Microsoft	Windows Storage Server 2012	GA	S	S	S	S
Microsoft	Windows Server 2008 R2 Datacenter ^[1]	GA, SP1	S	S	S	S
Microsoft	Windows Server 2008 R2 Enterprise ^[1]	GA, SP1	S	S	S	S
Microsoft	Windows Server 2008 R2 Standard ^[1]	GA, SP1	S	S	S	S
Microsoft	Windows Server 2008 R2 Web ^{[1][2]}	GA, SP1	C	C	C	C
Microsoft	Windows Storage Server 2008 R2	GA, SP1	C	C	C	C



Microsoft	Windows 8.1 ^[4]	GA	S	S	S	S
Microsoft	Windows 8 ^[4]	GA	S	S	S	S
Microsoft	Windows 7 ^[4]	GA, SPx	S	S	S	S
Microsoft	Windows Vista ^[4]	GA, SPx	S	S	S	S

1. The support for Windows 2008 R2, 2012 and 2012 R2 includes Server Core versions. Please note that client components cannot be installed on server core systems.
2. DMP Option is not supported on Windows Server 2008 R2 Web because Microsoft does not have the MPIO Component on this edition.
3. VCS agent for MSMQ is not supported on Windows Server 2012 R2, therefore neither is clustering Enterprise Vault for this platform.
4. You can install only the Veritas InfoScale client components, not the server components, on Windows client operating systems.



Virtualization Platforms

The following virtualization platforms are supported.

Vendor	Product	Version	Veritas InfoScale™			
			Enterprise	Storage	Availability	Foundation
Microsoft	Windows Server 2012 R2 Hyper-V	GA	S	S	S	S
Microsoft	Windows Server 2012 Hyper-V	GA	S	S	S	S
Microsoft	Windows Server 2008 R2 Hyper-V	GA, SP1	S	S	S	S
Microsoft	Microsoft System Center Virtual Machine Manager 2012 R2 ^[1]	GA	S	S	S	S
Microsoft	Microsoft System Center Virtual Machine Manager 2012 ^{[1][2]}	GA, SP1	S	S	S	S
Microsoft	Microsoft System Center Virtual Machine Manager 2008 R2	GA, SP1	S	S	S	S
VMware	VMware ESXi ^{[3][4]}	6.0	S	S	S	S
VMware	VMware ESXi ^{[3][4]}	5.5, 5.5 Ux	S	S	S	S
VMware	VMware ESXi ^{[3][4]}	5.1, 5.1 Ux	S	S	S	S
VMware	VMware ESXi ^{[3][4]}	5.0, 5.0 Ux	C	C	C	C
VMware	VMware vCenter Server	6.0	S	S	S	S
VMware	VMware vCenter Server	5.5, 5.5 Ux	S	S	S	S
VMware	VMware vCenter Server	5.1, 5.1 Ux	S	S	S	S
VMware	VMware vCenter Server	5.0, 5.0 Ux	C	C	C	C



1. Virtual machine created using Failover Cluster Manager cannot be monitored and managed using System Center Virtual Machine Manager 2012 and 2012 R2 on Windows Server 2012 and 2012 R2.
2. While adding Hyper-V cluster hosts with Veritas InfoScale Storage for Windows disk resource type to System Center Virtual Machine Manager 2012, host cluster is not fully refreshed. Please refer to technote from https://support.symantec.com/en_US/article.TECH198170.html.
3. VMware vMotion is supported only if the guest storage configuration involves non-shared SCSI Bus disks.
4. In-guest clustering is supported for VMware ESXi 5.0 and higher.



Upgrade

The following products upgrade matrixes are supported.

Vendor	Product	Version	Veritas InfoScale™			
			Enterprise	Storage	Availability	Foundation
Veritas	Veritas InfoScale™ Enterprise ^[1]	7.0	N/A	N/A	N/A	N/A
Veritas	Veritas InfoScale™ Storage	7.0	S	N/A	N/A	N/A
Veritas	Veritas InfoScale™ Availability ^[1]	7.0	S	N/A	N/A	N/A
Veritas	Veritas InfoScale™ Foundation	7.0	S	N/A	N/A	N/A
Symantec	Symantec Storage Foundation HA for Windows (SFW HA)	6.1	S	N/A	N/A	N/A
Symantec	Veritas Storage Foundation HA for Windows (SFW HA)	6.0.x	S	N/A	N/A	N/A
Symantec	Symantec Storage Foundation for Windows (SFW)	6.1	N/A	S	N/A	N/A
Symantec	Veritas Storage Foundation for Windows (SFW)	6.0.x	N/A	S	N/A	N/A
Symantec	Symantec Cluster Server for Windows (VCSW) ^[2]	6.1	N/A	N/A	S	N/A
Symantec	Veritas Cluster Server for Windows (VCSW) ^[2]	6.0.x	N/A	N/A	S	N/A
Symantec	Symantec Dynamic Multi-Pathing	6.1	C	C	N/A	S
Symantec	Veritas Dynamic Multi-Pathing	6.0.x	C	C	N/A	S



1. The product Veritas InfoScale Availability for Windows that is a part of Veritas InfoScale Enterprise for Windows requires that the nodes are part of a Microsoft Active Directory Domain. However, there are some scenarios that are supported without Active Directory and more information is found in the following technote https://support.symantec.com/en_US/article.TECH198376.html.
2. Veritas InfoScale Storage for Windows and Veritas InfoScale Enterprise for Windows can be used with Network Appliance storage arrays. However, support for Network Appliance storage software products such as SnapDrive™, SnapMirror, and SnapManager for Exchange is available only with Veritas InfoScale Availability for Windows. There is no support for these applications for use with Veritas InfoScale Storage for Windows or Veritas InfoScale Enterprise for Windows due to the lack of dynamic disk support with these Network Appliance applications at this time.



General Solutions

The following solutions and applications are supported.

Vendor	Product	Version	Veritas InfoScale™			
			Enterprise	Storage	Availability	Foundation
Microsoft	Microsoft SQL Server 2014	GA	S	S	S	S
Microsoft	Microsoft SQL Server 2012	GA, SPx	S	S	S	S
Microsoft	Microsoft SQL Server 2008 R2	GA, SPx	S	S	S	S
Microsoft	Microsoft SQL Server 2008	GA, SPx	S	S	S	S
Microsoft	Microsoft Exchange Server 2013	GA, SPx	X	X	X	X
Microsoft	Microsoft Exchange Server 2010	GA, SPx	S	S	S	S
Microsoft	Microsoft Exchange Server 2007	GA, SPx	S	S	S	S
Microsoft	Microsoft SharePoint Server 2013 ^[1]	GA	L	L	S	L
Microsoft	Microsoft SharePoint Server 2010 ^[1]	GA, SPx	L	L	S	L
Symantec	Symantec Enterprise Vault ^{[4][5][6][7]}	11.0	L	S	L	L
Symantec	Symantec Enterprise Vault ^{[2][3][4][7]}	10.0.x	L	S	L	L
Symantec	Symantec Enterprise Vault ^{[2][3][4][7]}	9.0.x	L	S	L	L
Oracle	Oracle Database ^{[8][9]}	12c	L	S	L	L
Oracle	Oracle Database ^{[8][9]}	11gR2	L	S	L	L
Oracle	Oracle Database ^{[8][9]}	10gR2	L	S	L	L



NetApp	Data ONTAP Operating System	7.0.2, 7.2.x, 7.3, 7.3.x	N/A	N/A	S	N/A
NetApp	Data ONTAP Operating System ^[10]	8.0.x, 8.1.x, 8.2.x	N/A	N/A	S	N/A
NetApp	SnapDrive for Windows	4.1, 4.2	N/A	N/A	S	N/A
NetApp	SnapDrive for Windows	5.0	N/A	N/A	S	N/A
NetApp	SnapDrive for Windows	6.0.6.0.2, 6.1, 6.2, 6.3, 6.4, 6.5	N/A	N/A	S	N/A
NetApp	SnapDrive for Windows	7.0.3	N/A	N/A	S	N/A
NetApp	SnapMirror Data Replication	8.0.x	N/A	N/A	C	N/A
NetApp	SnapMirror Data Replication	7.0.2, 7.2, 7.2.5.1, 7.3.3	N/A	N/A	S	N/A
NetApp	SnapManager for Microsoft Exchange Server	5.0, 6.0	N/A	N/A	S	N/A
NetApp	SnapManager for Microsoft SQL Server	5.0 R1	N/A	N/A	S	N/A

- FlashSnap is unsupported for SharePoint Server 2010 and 2013.
- Symantec Enterprise Vault Configuration Wizard cannot discover VCS service groups in a cluster that is configured using Single Sign-on authentication, please refer to the hotfix from https://support.symantec.com/en_US/article.TECH178773.html.
- Symantec Enterprise Vault for File System Archiving (FSA) Cluster configuration Wizard fails when attempting to authenticate to a VCS cluster. Please refer to this technote for more information and hotfix: https://support.symantec.com/en_US/article.TECH209528.html.
- IPv6 is unsupported when clustering Enterprise Vault 9.x and higher with Veritas InfoScale Enterprise for Windows.



5. For the support of System Center Operations Manager (SCOM) 2012 and 2012 R2, please refer to the technote from <https://sort.symantec.com/scom>.
6. VCS agent for MSMQ is not supported on Windows Server 2012 R2, therefore neither is clustering Enterprise Vault for this platform.
7. A clustered MSMQ instance may fail to come online after initial configuration or a node reboot. More information and workaround can be found at https://support.symantec.com/en_US/article.TECH222296.html.
8. Oracle Enterprise Manager (OEM) 10gR2, 11gR2 and 12c can be used to manage Oracle database under VCS control through the Grid Control Management interface. Clustering of Oracle Enterprise Manager Grid Control database is unsupported.
9. All minor releases of Oracle 10gR2, Oracle 11gR2 and Oracle 12c are supported. All 32-bit versions of Oracle are unsupported.
10. Data ONTAP Operating System only supports 7-mode.



Manageability and Monitoring

The following applications can monitor physical servers or virtual servers.

Vendor	Product	Version	Veritas InfoScale™			
			Enterprise	Storage	Availability	Foundation
Symantec	Symantec High Availability Console ^{[1][2][3][4]}	6.2	S	S	S	S
Veritas	Veritas InfoScale Operations Manager ^[5]	7.0	S	S	S	S
Microsoft	Microsoft System Center Operations Manager 2012 R2 ^[7]	GA	C	C	C	C
Microsoft	Microsoft System Center Operations Manager 2012 ^[7]	GA, SPx	C	C	C	C
Microsoft	Microsoft System Center Operations Manager 2007 R2 ^[6]	GA, SPx	C	C	C	C

1. The Symantec High Availability Console 6.2 is unsupported on Windows Server 2008 and earlier.
2. Symantec High Availability Console 6.2 is supported with vCenter 5.0, 5.1, 5.5, 6.0.
3. Symantec High Availability Console 6.2 can be used to manage virtual machines running with ApplicationHA 5.1 SP2 and higher as well as Symantec High Availability Guest Components running SFWHA\VCSW 6.0.1 and higher.
4. Symantec ApplicationHA Console 6.0 and Symantec High Availability Console 6.0.1\6.1 can be upgraded to Symantec High Availability Console 6.2.
5. VCS Application failover can be used to cluster a VOM CMS.



Backup Management

The following backup applications are supported.

Vendor	Product	Version	Veritas InfoScale™			
			Enterprise	Storage	Availability	Foundation
Symantec	Symantec NetBackup ^{[1][2][3][4]}	7.6.1.x	L	L	L	L
Symantec	Symantec NetBackup ^{[1][2][3][4]}	7.6.0.x	L	L	L	L
Symantec	Symantec NetBackup ^{[1][2][3][4]}	7.5.0.x	L	L	L	L
Symantec	Symantec NetBackup ^{[1][2][3][4]}	7.1.0.x	L	L	L	L
Symantec	Symantec OpsCenter Analytics	7.x	C	C	C	C
Symantec	Symantec System Recovery 2013 ^[5]	GA, SPx	X	X	C	X
Symantec	Symantec System Recovery 2011 ^[5]	GA, SPx	X	X	C	X

1. Symantec NetBackup snapshots and backups are unsupported for Hyper-V virtual machines residing on SFW-managed disk groups in a Microsoft Failover Clustering environment.
2. NetBackup (NBU) 7.x wrongly creates an IP resource using the IPv4 type definition when configuring a NetBackup IPv6 master server cluster. Please refer to the solution from https://support.symantec.com/en_US/article.TECH174144.html. If the resource "NetBackup_server-NBU" isn't created after a NetBackup IPv6 master cluster installation is completed, please contact NBU technical support.
3. The Veritas NetBackup 7.x Software Compatibility Lists (SCL): (https://support.symantec.com/en_US/article.TECH126902.html) supersedes this SCL for supportability.
4. NetBackup (NBU) does not yet support Bare Metal Restore (BMR) on hosts running SFW\SFW HA 6.x and higher.



5. Symantec System Recovery 2011 and 2013 SPx can't discover the volumes created by SFW\SFWHA 6.1 and higher.



Security and Miscellaneous Software

The following security software and other applications are supported.

Vendor	Product	Version	Veritas InfoScale™			
			Enterprise	Storage	Availability	Foundation
Symantec	Symantec Endpoint Protection ^[1]	12.1.x	S	S	S	S
Symantec	Symantec Endpoint Protection	11.0 RU7 MPx	S	S	S	S
Symantec	Symantec Mail Security for Microsoft Exchange ^[2]	7.0.x	S	S	S	S
Symantec	Symantec Mail Security for Microsoft Exchange ^[2]	6.5.x	S	S	S	S
McAfee	McAfee VirusScan Enterprise ^[3]	8.8	S	S	S	S
McAfee	McAfee VirusScan Enterprise ^[3]	8.7	C	C	C	C
McAfee	McAfee Security for Microsoft Exchange ^[4]	8.0	L	S	L	C
McAfee	McAfee Security for Microsoft Exchange ^[4]	7.6	L	S	L	C
McAfee	McAfee Host Intrusion Prevention for Server	8.0	S	S	C	C
SAP	SAP Web Application Server	7.4	S	S	S	S
SAP	SAP Web Application Server	7.3	S	S	S	S
SAP	SAP Web Application Server	7.1	S	S	S	S

1. For additional configuration steps required for co-existence with Symantec EndPoint Protection (SEP) 12.1 and higher, refer to the product release notes on SORT: https://sort.symantec.com/documents/doc_details/sfha/6.1/Windows/ProductGuides/.



2. VCS cluster resource for SMSMSE 6.5.x and 7.0.x for Exchange 2010 support is not required as Exchange 2010 is installed in Standalone mode.
3. It can co-exist but cannot be made highly-available.
4. McAfee Security for Exchange 7.6 and 8.0 are unsupported Exchange 2007 Virtual Server with SFWHA\VCSW 6.1 and higher.