



Release Revision: 1.12, 20 Apr 2011

Software Compatibility List (SCL) for Veritas Storage Foundation™ & High Availability Solutions 5.1 for Windows®

Vendor	Product	Version	SFW 5.1	SFW HA 5.1	Platform	Notes
Symantec	Veritas Storage Foundation for Windows (SFW)	5.1	S	S	x86, x64, IA64	
Symantec	Veritas Storage Foundation HA for Windows (SFW HA)	5.1	S	S	x86, x64, IA64	Note 01
Symantec	Veritas Storage Foundation for Windows - Volume Replicator Option (VVR)	5.1	S	S	x86, x64, IA64	
Symantec	Veritas Cluster Server for Windows [formerly VCS for NetApp SnapMirror] (VCSW)	5.1	X	X	x86, x64, IA64	Note 15
Symantec	Veritas Storage Foundation for Windows (SFW)	4.3, 4.3 MP1, 4.3 MP2, 5.0	U	X	x86, x64, IA64	Note 20,38
Symantec	Veritas Storage Foundation HA for Windows (SFW HA)	4.3, 4.3 MP1, 4.3 MP2, 5.0	X	U	x86, x64, IA64	Note 20,38
Symantec	Veritas Storage Foundation Manager (SFM) Managed Host	2.0	S	S	x86, x64, IA64	
Symantec	Veritas Cluster Server Management Console (VCS MC)	5.0, 5.1	S	S	x86, x64, IA64	Note 21, 22
Symantec	Veritas Cluster Server Agent for Websphere	5.1	X	S	x86, x64	Note 30
Symantec	Veritas Cluster Server Agent for Websphere MQ	5.0	X	S	x86, x64, IA64	Note 31
Symantec	Veritas Cluster Server Agent for SAP NetWeaver	4.3.01.0	X	S	x86, x64, IA64	Note 32
Symantec	Veritas CommandCentral Storage	5.0, 5.1	S	S	x86, x64	
Symantec	Veritas CommandCentral Storage	4.3 and earlier	X	X	x86, x64	
Symantec	Veritas Enterprise Vault	6.0 SP1-SP3, 7.0 SP1-SP4	C	C	x86	Note 12
Symantec	Veritas Enterprise Vault	2007 SP1-SP4	S	S	x86, x64	
Symantec	Veritas Enterprise Vault	8.0	C	C	x86, x64	
Symantec	Veritas NetBackup	5.0 MP1-MP6, 5.1 MP1-MP4	C	C	x86	Note 17, 35
Symantec	Veritas NetBackup	6.0 MP1-MP3	C	L	x86	Note 03, 17, 35
Symantec	Veritas NetBackup	6.0 MP4-MP6	C	C	x86	Note 17, 35
Symantec	Veritas NetBackup	6.5, 6.5.2-6.5.4	S	S	x86, x64	Note 17, 35
Symantec	Veritas NetBackup	6.5.1	L	L	x86, x64	Note 04, 17, 35
Symantec	Symantec Backup Exec for Windows Servers	10.x	X	X	x86	
Symantec	Symantec Backup Exec for Windows Servers	11.0, 11d	C	C	x86	
Symantec	Symantec Backup Exec for Windows Servers	12.0, 12.5	S	S	x86	
Symantec	Symantec Backup Exec System Recovery	6.5, 7.0	C	C	x86	
Symantec	Symantec Backup Exec System Recovery	8.0, 8.5.1	S	S	x86	
Symantec	Symantec LiveState Recovery	6.0 SP1	C	C	x86	
Symantec	Veritas Storage Exec	5.3, 5.5	C	C	x86	
Symantec	Veritas Opforce	4.0 MP1, 4.0 MP2, 4.1	S	S	x86, x64, IA64	
Symantec	Veritas Provisioning Manager	4.2, 5.0 MP1	S	S	x86, x64, IA64	
Symantec	Veritas Configuration Manager	6.0	S	S	x86, x64, IA64	
Symantec	Symantec Anti-Virus Corporate Edition	8.x, 9.x, 10.1, 10.2	S	L	x86, x64	Note 11
Symantec	Symantec Anti-Virus Corporate Edition	10.0	X	X	x86, x64	
Symantec	Symantec Endpoint Protection	11.0 MR1	S	L	x86, x64	Note 27, 37
Symantec	Symantec Endpoint Protection	11.0 MR2	S	S	x86, x64	Note 37
Symantec	Symantec Endpoint Protection	11.0 MR3, MR4	S	L	x86, x64	Note 27, 37
Symantec	Symantec Brightmail	6.0.4, 6.0.5	S	C	x86	
Symantec	Symantec Client Security	3.1 MR4-MR7	C	C	x86	
Symantec	Symantec PCAnywhere	11.5, 12.0, 12.1	S	S	x86	
Symantec	Symantec Mail Security for Exchange	5.04	C	C	x86	Note 14, 18
Symantec	Symantec Mail Security for Exchange	6.0, 6.03, 6.0.5-6.0.7	S	S	x86	Note 14, 18
Microsoft	Windows 2000 Server	All Versions	X	X	x86	
Microsoft	Windows Server 2003 Web Edition	SP2	C	C	x86	
Microsoft	Windows Server 2003 Standard Edition	SP2	S	S	x86, x64, IA64	
Microsoft	Windows Server 2003 Enterprise Edition	SP2	S	S	x86, x64, IA64	
Microsoft	Windows Server 2003 Datacenter Edition	SP2	C	C	x86, x64, IA64	
Microsoft	Windows Server 2003 R2 Enterprise Edition	SP2	S	S	x86, x64	
Microsoft	Windows Server 2003 R2 Standard Edition	SP2	S	S	x86, x64	
Microsoft	Windows Server 2003 R2 Datacenter	SP2	C	C	x86, x64	
Microsoft	Windows Server 2003 R2 Small Business Server	SP2	S	X	x86, x64	
Microsoft	Windows Server 2008 Standard or Enterprise Edition without Hyper-V	RTM, SP1, SP2	S	L	x86, x64	Note 34
Microsoft	Windows Server 2008 Datacenter Edition without Hyper-V	RTM, SP1, SP2	C	L	x86, x64	Note 34
Microsoft	Windows Server 2008 Standard or Enterprise Edition with Hyper-V guest	RTM, SP1, SP2	S	L	x86, x64	Note 25, 34
Microsoft	Windows Server 2008 Datacenter Edition with Hyper-V guest	RTM, SP1, SP2	C	L	x86, x64	Note 25, 34
Microsoft	Windows Server 2008 Standard or Enterprise Edition with Hyper-V parent	RTM, SP1, SP2	S	X	x86, x64	
Microsoft	Windows Server 2008 Datacenter Edition with Hyper-V parent	RTM, SP1, SP2	C	X	x86, x64	
Microsoft	Windows Server 2008 for Itanium-Based Systems	RTM, SP1, SP2	S	L	IA64	Note 34
Microsoft	Windows Web Server 2008	RTM, SP1, SP2	C	L	x86, x64	Note 29, 34
Microsoft	Windows Server 2008 R2	All Versions	X	X	x64	Note 39
Microsoft	Microsoft Windows Storage Server 2003	SP1	S	C	x86	Note 05, 06
Microsoft	Microsoft Windows Storage Server 2003 R2	RTM	S	C	x86	Note 05, 06
Microsoft	Windows Unified Data Storage Server 2003		S	C	x86, x64	
Microsoft	Windows Vista Client (Ultimate, Enterprise, Business)	RTM, SP1	S	S	x86, x64	
Microsoft	Windows XP Client	SP2, SP3	S	S	x86	
Microsoft	Windows XP Client	SP2, SP3	S	C	x64	
Microsoft	Microsoft Cluster Server (MSCS), Windows Server Failover Cluster (WSFC)	N/A	S	X	x86, x64, IA64	
Microsoft	Microsoft SQL Server 2000	SP4	S	S	x86, x64, IA64	
Microsoft	Microsoft SQL Server 2005	SP1-SP3	S	S	x86, x64, IA64	
Microsoft	Microsoft SQL Server 2005	SP4	C	C	x86, x64, IA64	
Microsoft	Microsoft SQL Server 2008	RTM, SP1	S	S	x86, x64, IA64	Note 28
Microsoft	Microsoft Exchange Server 2003	SP1, SP2	S	S	x86	
Microsoft	Microsoft Exchange Server 2007	SP1	S	S	x64	
Microsoft	Microsoft Operations Manager 2005	SP1	S	S	x86, x64, IA64	
Microsoft	Microsoft System Center Operations Manager 2007	SP1, SP2	S	S	x86, x64, IA64	Note 36
Microsoft	Microsoft SharePoint Portal Server 2003	SP2	S	S	x86	
Microsoft	Microsoft Office SharePoint Server 2007	RTM, SP1	S	S	x86, x64	
Microsoft	Microsoft Virtual Server 2005	RTM	C	C	x86	
Microsoft	Microsoft Virtual Server 2005 R2	RTM	C	C	x86	
Microsoft	Microsoft Antigen	9.0 SP1	S	L	x86	Note 09
RIM	Blackberry Enterprise Server	4.1.5	S	S	x86, x64	Note 33
EMC	EMC AutoStart	All Versions	C	X	x86, IA64, x64	
IBM	Lotus DominoNotes	R5, R6	C	L	x86	Note 07
McAfee	McAfee VirusScan Enterprise	8.0i, 8.5i	C	C	x86	Note 08
McAfee	McAfee Group Shield for Exchange	6.02, 7	C	C	x86	Note 08
NetApp	All Network Appliance SnapDrive	All Versions	X	X	x86	Note 15
NetApp	Network Appliance SnapManager for Exchange	All Versions	X	X	x86	Note 15
NetApp	Network Appliance SnapMirror	All Versions	X	X	x86	Note 15
Oracle	Oracle	9i, 10gR1, 10gR2	S	L	x86, x64, IA64	Note 13, 24
TrendMicro	TrendMicro ScanMail for Microsoft Exchange	6.2, 7.0	S	S	x86	Note 19
TrendMicro	TrendMicro ScanMail for Microsoft Exchange	8.0	S	X	x86, x64	Note 19
VMware	VMware Workstation	All Versions	X	X	x86	
VMware	VMware Server	1.0.x	C	C	x86, x64	
VMware	VMware ESX Server	2.5.2 / 2.5.3	L	C	x86	

VMware	VMware ESX Server	3.0.1, 3.0.2, 3.5	S	S	x86, x64	Note 23
VMware	VMware VirtualCenter	2.5	S	S	x86, x64	Note 26
Support Legend						
	Tested and Supported	S				
	Supported with Limitations	L				
	Compatible and Supported, but not tested by Symantec	C				
	Not Supported	X				
	Upgradeable to latest version	U				
NOTES: Support is conditional according to the Notes corresponding to the individual platform or application. See the Notes Reference for details						
All software configurations listed have been qualified with the following products: Veritas Storage Foundation™ 5.1 for Windows®, Veritas Storage Foundation HA 5.1 for Windows® and Veritas Cluster Server 5.1 for Windows. The following options are also supported by this HCL list: Veritas Storage Foundation for Windows - Volume Replicator Option, Veritas Storage Foundation for Windows - FlashSnap Option, Veritas Storage Foundation for Windows - Dynamic Multi-pathing Option and Veritas Storage Foundation for Windows - Cluster Option for Microsoft® Cluster Server.						
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 Foundation & High Availability Solutions for Windows products. Software applications that are not on the Veritas Storage Foundation & High Availability 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 is not currently listed as being supported, a request for additions to this list can be made through the Veritas Product Enhancement Web site: http://engweb.symantec.com/enhancement . For a listing of 3rd Party Multipathing software supported please check the Storage Foundation and High Availability Solutions for Windows Hardware Compatibility List (HCL).						
Note 01: SFW HA requires the presence of Microsoft Active Directory						
Note 02: REMOVED.						
Note 03: There is a known issue with NBU 6.0 - 6.0 MP3 and VCS 5.1 such that NBU cannot be made highly available using this version of VCS. This is fixed in NBU 6.0 MP4. The bundled NBU 6.0 MP4 media must be used in order to install and configure NBU 6.0 into SFWHA 5.1.						
Note 04: Do not back up the system volume with data volumes when using the VSS Advanced Open File Option- a multiple-volume snapshot with VSS is limited to non-system volumes only, as it will fail if the system volume is included. This limitation applies when you are using a VSS-enabled backup program, such as NetBackup 5.x. Do not back up the entire server in a single backup job when utilizing VSS. Back up your system volume in one backup job and the remaining volumes in a second backup job. NBU 5.0 does not currently recognize snapshot volumes created by SFW. Therefore, since NBU 5.0 is designed to stream the backup from the original volumes in the event it cannot locate the snapshot volumes, any open files on the original volumes will not be backed up. NBU 6.0 does not officially support offhost backup of a clustered Microsoft Exchange Server (in either MSCS or VCS). However, a hotfix is available through NBU Technical Support.						
Note 05: Windows NAS appliances are typically administered through Microsoft Terminal Services. Administering Veritas Storage Solution Products for Windows through Microsoft Terminal Services is not recommended. Please use the remote client of the Veritas product to administrate remote servers instead. Microsoft Windows Storage Server 2003 uses a terminal services connection to embed the LDM GUI in its own GUI interface. After installing Veritas Volume Manager/Replicator, LDM is disabled and Veritas Enterprise Administrator (VEA) GUI cannot be displayed through a terminal services connection in the Microsoft Windows Storage Server 2003 GUI. Hence Microsoft Windows Storage Server 2003 Storage Manager GUI cannot be used for creating volumes if Veritas Volume Manager/Replicator is installed.						
Note 06: Microsoft Windows Storage Server 2003/ Veritas Volume Replicator issues: Before migration is performed, drive letters for all the data volumes need to be removed. This needs to be done because Microsoft Windows Storage Server 2003 holds a lock on all the volumes administered through it. This causes the VVR migration operation to fail. Removing the drive letter ensures that Microsoft Windows Storage Server 2003 relinquishes the lock on the volumes and migration can then proceed smoothly. Volumes should be created using Veritas Volume Manager and then can be administered through Microsoft Windows 2003 Storage Server 2003 GUI. - After replication through Veritas Volume Replicator, on the secondary machine, only the quota settings for the volumes are available. Any user specific setting done on the primary will not be available on the secondary node.						
Note 07: Veritas Storage Foundation for Windows supports Lotus Notes snapshots but there is no application call to freeze the database ahead of time. Storage Foundation HA for Windows support of Lotus Dominoes/Notes is provided by Symantec Consulting Services only. Please visit the following link for more information on how to contact Symantec Consulting Services http://www.symantec.com/enterprise/services/category.jsp?pcid=consulting_services						
Note 08: McAfee VirusScan Enterprise can co-exist with SFW HA but cannot be made highly-available using VCS.						
Note 09: Sybari and Microsoft Antigen can co-exist with SFW HA but cannot be made highly-available using VCS.						
Note 10: VCM can only coexist with SFW HA. VCM cannot be made highly available at this time.						
Note 11: Symantec Anti-Virus Corporate Edition can co-exist with SFW HA but Management Server for SAV CE cannot be made highly-available using SFW HA						
Note 12: Tested for co-existence only. Veritas Storage Foundation HA for Windows can provide HA support for an Enterprise Vault server provided versions EV 6.0SP2 or later and SFW HA 4.3MP1 or later are used.						
Note 13: Oracle Enterprise Manager (OEM) 10g 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 not supported.						
Note 14: In order to bring up MS Exchange with Symantec Anti-Virus and SMS Exchange on the same system, you must add directory exclusions to Symantec Anti-Virus for the temp directories used by SMS Exchange (see SMS Exchange documentation or Symantec Knowledge base for details).						
Note 15: The VCS for NetApp solution is now called VCS for Windows. SFW and SFW HA 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 Cluster Server for Windows. There is no support for these application for use with Veritas Storage Foundation for Windows or Veritas Storage Foundation HA for Windows due to the lack of dynamic disk support with these Network Appliance applications at this time.						
Note 16: The Backup Exec 10.d(10.1) Continuous Protection Server is not supported with Storage Foundation for Windows or Storage Foundation HA for Windows at this time.						
Note 17: Also check the Veritas NetBackup Software Compatibility Lists (SCL's): NetBackup 5.x: http://entsupport.symantec.com/docs/264268 , NetBackup 6.x: http://entsupport.symantec.com/docs/278991						
Note 18: SMSMSE 6.0 or prior versions support VCS with Exchange 2003 only. It is not supported with VCS with Exchange 2007 or higher. SMSMSE 6.03 and greater are supported with VCS with Exchange 2003 and Exchange 2007 or higher.						
Note 19: TrendMicro ScanMail was tested for coexistence only.						
Note 20: Upgrade from 4.3, 4.3 MP1, 4.3 MP2, 5.0 to 5.1 is supported and tested on x86, x64, and IA64 for Windows Server 2003						
Note 21: Single Cluster Mode and the management server 5.1 cannot co-exist on the same Windows system. If you install management server 5.1 on a node where SCM is installed, the management server 5.1 installer uninstalls SCM as a part of management server upgrade process. After the installation, all SCM files and settings are lost, and you cannot run the SCM console.						
Note 22: VCS Management Console installs on Windows Server 2003 or Solaris (SPARC) 9 and 10, and can manage multiple VCS clusters across all VCS-supported platforms, including Windows Server 2008. See the Symantec Support website for platform updates and future releases of the VCS Management Console						
Note 23: VMware ESX 3.0.1 and 3.0.2 crashes unexpectedly on 64-bit architecture due to a VMware bug. This issue is addressed in VMware ESX 3.5. A fix from VMware may be available for 3.0.x as well.						
Note 24: Oracle agent for x64 is not supported on Windows Server 2008. x64 clustering requires Windows Server 2003.						
Note 25: See the following TechNote for a description of limitations: http://entsupport.symantec.com/docs/313855 .						
Note 26: Templates for deploying VMware VirtualCenter 2.5 with SFW/HA 5.1 can be found at the following location: http://entsupport.symantec.com/docs/313422						
Note 27: See SFW/HA Release Notes for how to configure SEP 11 MR3 & MR4 in a clustered environment with Windows Server 2003. Windows Server 2008 is not supported with SEP 11 MR4 in a clustered environment. See also: http://seer.entsupport.symantec.com/docs/320726.htm http://seer.entsupport.symantec.com/docs/320727.htm						
Note 28: Requires 5.1 AP1 version of SFW or SFW/HA. For more information, see: 32 bit 5.1 AP1: http://entsupport.symantec.com/docs/315675 64 bit 5.1 AP1: http://entsupport.symantec.com/docs/315676						

<p>Note 29: DMP Option not supported on Windows Web Server 2008 because Microsoft does not support the Microsoft Windows Server 2008 MPIO component on this edition.</p>
<p>Note 30: Agent supports WebSphere Application Server 6.0 and 6.1. Agent was qualified with Microsoft Windows 2003 server (32-bit), Microsoft Windows Server 2003 (x64) and Microsoft Windows Server 2008 (x64).</p>
<p>Note 31: Agent supports WebSphere Queue Manager 6.0 and 7.0. Agent was qualified with Microsoft Windows 2003 Server (32-bit), Microsoft Windows Server 2003 (x64), Microsoft Windows Server 2003 (IA64), Microsoft Windows Server 2008 (x64).</p>
<p>Note 32: Agent supports the following SAP versions:</p> <ul style="list-style-type: none"> * 4.6C with a 4.6D kernel * 4.6D * 4.7 Enterprise Version * SAP R/3 * SAP Web AS 6.20, 6.40, 7.00 * SAP NetWeaver 04, 04s * mySAP Business Suite Based on SAP NetWeaver Platform * Applications based on SAP NetWeaver Platform <p>Agent was qualified with Microsoft Windows 2000 (SP4), Microsoft Windows Server 2003, Microsoft Windows Server 2003 (x64) and Microsoft Windows Server 2003 (IA64).</p>
<p>Note 33: Refer to Chapter 9 of the VCS Administrator's Guide for how to properly cluster BES:</p> <p>http://seer.entsupport.symantec.com/docs/306333.htm</p>
<p>Note 34: SFW/HA is not supported with Windows Server 2008 SP2. It is supported with SP1 and earlier. SP2 support for SFW/HA will be delivered in an upcoming release.</p>
<p>Note 35: NetBackup (NBU) does not yet support Bare Metal Restore (BMR) on hosts running SFW/SFWHA 5.x.</p>
<p>Note 36: An enhancement is required in order to monitor SQL Server 2008 instances running under VCS. For more information, see:</p> <p>http://entsupport.symantec.com/docs/329919</p>
<p>Note 37: Symantec Endpoint Protection 11.0 MR3 and earlier do not support Windows 2008 Server.</p>
<p>Note 38: SFW/HA 5.1 does not support upgrades for any previous versions that are running on Windows Server 2000.</p>
<p>Note 39: SFW/HA 5.1 does not support Windows Server 2008 R2. SFW/HA 5.1 SP1 supports Windows Server 2008 R2, please see : http://www.symantec.com/docs/TECH77194</p>
<p>V1.13 April 20, 2011: Storage Foundation & High Availability Solutions for Windows 5.1 General Availability</p>