

Software Compatibility List (SCL)
Veritas Storage Foundation™ & High Availability Solutions 5.0, 5.0 RP1a & 5.0 RP2 for Windows®

Vendor	Product	Version	SFW 5.0	SFW HA 5.0	Platform support	Notes
Symantec	Veritas Storage Foundation 5.0 for Windows (SFW)	5.0	S	S	x86, x64, IA64	
Symantec	Veritas Storage Foundation HA 5.0 for Windows (SFW HA)	5.0	S	S	x86, x64, IA64	Note 2
Symantec	Veritas Storage Foundation for Windows - Volume Replicator Option	5.0	S	S	x86, x64, IA64	Note 1
Symantec	Veritas Cluster Server for NetApp SnapMirror	5.0	S	S	x86	Note 24
Symantec	Veritas Storage Foundation for Windows (SFW)	4.x	U	X	x86	
Symantec	Veritas Storage Foundation HA for Windows (SFW HA)	4.x	X	U	x86	
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	
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 Replication Exec for Windows (VRE)	3.1	C	C	x86	
Symantec	Veritas Global Cluster Manager (GCM)	3.5.x	X	X	x86	Note 5
Symantec	Veritas CommandCentral Availability	4.0,4.1	C	C	x86	
Symantec	Veritas CommandCentral Storage	5.1	C	C	x86, x64	
Symantec	Veritas CommandCentral Storage	5.0	S	S	x86, x64	
Symantec	Veritas CommandCentral Storage	4.3 and earlier	X	X	x86	
Symantec	Veritas CommandCentral Service	4.1,4.2 FP1	X	X	x86	
Symantec	Veritas Enterprise Vault	5.0 SP1-SP6,6.0 SP1-SP3	S	S	x86	Note 20
Symantec	Veritas Enterprise Vault	7.0, 2007	C	C	x86	
Symantec	Veritas Enterprise Vault	8.0	S	S	x86	
Symantec	Veritas InDepth, Inform, Insight	7.11/7.5	C	C	x86	
Symantec	Veritas NetBackup	5.0 MP1-MP6, 5.1 MP1-MP4	C	C	x86	Note 6,30,42
Symantec	Veritas NetBackup	6.0 MP1-MP3	S	L	x86	Note 4,6,30,42
Symantec	Veritas NetBackup	6.0 MP4	S	S	x86	Note 6,30,42
Symantec	Veritas NetBackup	6.5, 6.5.1-6.5.3	S	S	x86, x64	Note 6,30,42
Symantec	Veritas NetBackup	6.5.4	C	C	x86, x64	Note 6,30,42
Symantec	Symantec Backup Exec for Windows Servers	9.x, 10.x	X	X	x86	
Symantec	Symantec Backup Exec for Windows Servers	11.0, 11d	S	S	x86	
Symantec	Symantec Backup Exec for Windows Servers	12.0, 12.5	S	C	x86	
Symantec	Symantec Backup Exec System Recovery	6.5	X	X	x86	
Symantec	Symantec Backup Exec System Recovery	7.0	S	X	x86	
Symantec	Symantec LiveState Recovery	6.0SP1	C	C	x86	
Symantec	Veritas Storage Exec	5.2 SP1, 5.3, 5.5	C	C	x86	
Symantec	Veritas Opforce	4.0 MP1-MP2, 4.1	S	S	x86, x64, IA64	
Symantec	Veritas Provisioning Manager	4.2,5.0	S	S	x86, x64, IA64	
Symantec	Veritas Configuration Manager	6.0	S	S	x86, x64, IA64	Note 17
Symantec	Symantec Anti-Virus Corporate Edition	8.x, 9.x, 10.1, 10.2	S	S	x86,x64	Note 18
Symantec	Symantec Anti-Virus Corporate Edition	10.0	X	X	x86	Note 39
Symantec	Symantec Endpoint Protection	11.0, 11.0 MR1, 11.0MR3-MR4	S	L	x86, x64	
Symantec	Symantec Endpoint Protection	11.0 MR2	S	S	x86, x64	
Symantec	Symantec Brightmail	6.0.4	S	C	x86	
Symantec	Symantec Client Security	2.01, 3.1	C	C	x86	
Symantec	Symantec PCAnywhere	10.5.1	X	X	x86	Note 19
Symantec	Symantec PCAnywhere	11.5,12.0	S	S	x86	
Symantec	Symantec Mail Security for Exchange	4.6	C	C	x86	Note 22
Symantec	Symantec Mail Security for Exchange	5.04, 6.0, 6.03, 6.0.7	S	S	x86	Note 23,33
Microsoft	Windows 2000 Server	SP4 with Rollup Patch 1	S	S	x86	See Note 31
Microsoft	Windows 2000 Advanced Server	SP4 with Rollup Patch 1	S	S	x86	See Note 31
Microsoft	Windows 2000 Datacenter	SP4 with Rollup Patch 1	S	S	x86	See Note 31
Microsoft	Windows Server 2003 Web Edition	SP1,SP2	S	L	x86	
Microsoft	Windows Server 2003 Standard Edition	SP1,SP2	S	S	x86, x64, IA64	
Microsoft	Windows Server 2003 Enterprise Edition	SP1,SP2	S	S	x86, x64, IA64	
Microsoft	Windows Server 2003 Datacenter	SP1,SP2	C	C	x86, x64, IA64	
Microsoft	Windows Server 2003 R2 Enterprise Edition	RTM,SP2	S	S	x86, x64	
Microsoft	Windows Server 2003 R2 Standard Edition	RTM,SP2	S	S	x86, x64	
Microsoft	Windows Server 2003 R2 Datacenter	RTM,SP2	C	C	x86, x64	
Microsoft	Windows Server 2003 R2 Small Business Server	RTM,SP2	S	X	x86, x64	
Microsoft	Microsoft Windows Server 2008	RTM	X	X	x86, x64	
Microsoft	Windows Vista Client support (Ultimate, Enterprise, Business)	RTM	S	S	x86, x64	Note 36
Microsoft	Microsoft Windows Storage Server 2003	SP1	S	S	x86	Note 9,10
Microsoft	Microsoft Windows Storage Server 2003 R2	RTM	C	C	x86	Note 9,10
Microsoft	Microsoft Cluster Server (MSCS)	N/A	S	X	x86, x64, IA64	Note 14
Microsoft	Microsoft SQL Server 2000	SP4	S	S	x86	
Microsoft	Microsoft SQL Server 2005	SP1,SP2,SP3	S	S	x86, x64, IA64	
Microsoft	Microsoft SQL Server 2008		X	X	x86, x64, IA64	
Microsoft	Microsoft Exchange Server 2000	SP3, SP4	L	C	x86	Note 8
Microsoft	Microsoft Exchange Server 2003	SP2	S	S	x86	
Microsoft	Microsoft Exchange Server 2007	SP1	S	S	x64	Note 29, Note 32
Microsoft	Microsoft Operations Manager 2000	SP1	S	S	x86	
Microsoft	Microsoft Operations Manager 2005	SP1	S	S	x86, x64, IA64	
Microsoft	Microsoft System Center Operations Manager 2007	SP1, SP2	S	X	x86, x64, IA64	Note 38
Microsoft	Microsoft SharePoint Portal Server 2001	SP3	C	C	x86	
Microsoft	Microsoft Sharepoint Portal Server 2003	SP2	S	S	x86	Note 28

Microsoft	Microsoft Sharepoint Portal Server 2007	RTM	C	C	x86, x64	Note 37
Microsoft	Microsoft Virtual Server 2005	RTM	C	C	x86	
Microsoft	Microsoft Virtual Server 2005 R2	RTM	C	C	x86	
BMC	BMC Patrol for Microsoft Exchange Server	4.1.0.1	C	C	x86	
BMC	BMC Patrol for Microsoft SQL Server	4.1.00	C	C	x86	
BMC	BMC Patrol for Storage Arrays	2.2.01	C	C	x86	
Dell	Dell OPENManage Array Manager	2.x	X	X	x86	
Dell	Dell OPENManage Array Manager	3.5	S	C	x86	Note 12
EMC	EMC AutoStart	All Versions	X	X	x86, x64, IA64	
HP	System Insight Manager	4.2 sp2	C	C	x86	
IBM	Lotus Domino/Notes	R5, R6	C	L	x86	Note 13
McAfee	McAfee VirusScan Enterprise	8.0i	S	L	x86	Note 15
McAfee	McAfee Group Shield for Exchange	6.02	S	L	x86	Note 15
NetApp	Network Appliance Data ONTAP Operating System	7.0.4 / 7.1.1	S	S	x86	
NetApp	All Network Appliance SnapDrive	3.2	X	S	x86	Note 26
NetApp	Network Appliance SnapManager for Exchange	3.1.1	X	S	x86	Note 26
NetApp	Network Appliance SnapMirror	7.0.2, 7.1	X	S	x86	Note 26
Oracle	Oracle	9i,10g,10gR2	S	S	x86, x64, IA64	Note 21,25
Sybari	Antigen	8.0	C	L	x86	Note 16
TrendMicro	TrendMicro ScanMail	6.2, 7.0	S	S	x86	Note 34
TrendMicro	TrendMicro ScanMail	8.0	S	S	x86, x64	Note 34
VMware	Vmware Workstation	ES	X	X	x86	
VMware	Vmware Server	1.0.1	C	C	x86, x64	
VMware	Vmware GSX Server	3.x	C	C	x86, x64	
VMware	Vmware ESX Server	2.5.2 / 2.5.3	L	L	x86	Note 27
VMware	Vmware ESX Server	3.0	S	S	x86	Note 27
VMware	Vmware ESX Server	3.5, 3i	C	C	x86	Note 27

Support Legend

Tested and Supported	S
Supported with Limitations	L
Compatible, should work 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™ 5.0 for Windows®, Veritas Storage Foundation HA 5.0 for Windows® (SFW plus Veritas Cluster Server 5.0 for Windows®) and Veritas Cluster Server 5.0 for NetApp SnapMirror. 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 1: VVR 5.0 is supported on Windows 2000 and 2003, this option is enabled based on the license key

Note 2: SFW HA is supported on Windows 2000 and 2003. SFW HA requires the presence of Microsoft Active Directory. This prevents Storage Foundation HA for Windows from being installed on an NT4.0 domain where there is an NT4.0 Primary Domain Controller.

Note 3: REMOVED.

Note 4: There is a known issue with NBU 6.0 - 6.0 MP3 and VCS 5.0 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 5.0.

Note 5: GCM 3.5x versions need to be uninstalled before installing SFW HA with GCO option

Note 6: 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. This issue will be addressed in a future release of NetBackup.

Note 7: REMOVED.

Note 8: Veritas Storage Foundation for Windows supports Exchange 2000 snapshots but there is no application call to freeze the database ahead of time.

Note 9: 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 10: Microsoft Windows Storage Server 2003/ Veritas Volume Replicator issues:

Before migration is performed, driveletters 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 driveletter 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 11: Not used at this time.

Note 12: Dell OpenManage Array Manager has been tested to successfully coexist with the SFW 4.3 on both Windows 2000 and 2003. If Dell OpenManage Array Manager and SFW coexist on the same system, SFW will no longer function properly if you uninstall the Dell OpenManage product. See <http://entsupport.symantec.com> for more information.

Note 13: 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 Domino/Notes is provided by Veritas Consulting Services only. Please visit the following link for more information on how to contact Veritas Consulting Services http://www.symantec.com/enterprise/services/category.jsp?pcid=consulting_services
Note 14: The use of mount points within a Microsoft Cluster Server (MSCS) cluster is not supported on Microsoft Windows 2000 Advanced or DataCenter servers. Mount points are supported when using Microsoft Windows 2003 Enterprise or DataCenter servers. For more information please see the following link http://entsupport.symantec.com/docs/257383
Note 15: McAfee VirusScan Enterprise , SFW HA interoperability is limited to coexistence testing only
Note 16: Sybari Antigen , SFW HA interoperability is limited to coexistence testing only
Note 17: VCM can only coexist with SFW HA. It cannot be made highly available at this time.
Note 18: Symantec Anti-Virus Corporate Edition can co-exist with SFW HA but the server cannot be made highly-available using SFW HA
Note 19: There is an issue which prevents the Veritas Enterprise Administrator (VEA) and Cluster Manager GUIs from launching while the PCAnywhere services are started. This is the technote: http://entsupport.symantec.com/docs/278840
Note 20: 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 21: For Oracle 10g, the Oracle Enterprise Manager cannot be used. For Oracle 10gR2, see Tech Note http://entsupport.symantec.com/docs/277440 for information on how to configure the OEM.
Note 22: 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 23: Please reference Symantec TechNote "How to configure Symantec Mail Security for Microsoft Exchange antivirus protection in a VERITAS Storage Foundation (tm) HA 4.x for Windows Microsoft Exchange 2003 cluster" at http://entsupport.symantec.com/docs/281043 for more details.
Note 24: Support for Network Appliance SnapDrive™, SnapMirror and SnapManager for Exchange products is available only with Veritas Cluster Server for NetApp SnapMirror. 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 25: Support for Oracle x64 and IA64 versions is available for Storage Foundation for Windows and its associated options only at this time. There is no Storage Foundation HA for Windows support available at this time.
Note 26: REMOVED.
Note 27: Veritas Storage Foundation for Windows is supported with Vmware ESX 2.5.3 and 3.0 using Emulex HBAs in the physical server. Support for QLogic HBAs is available provided customers follow the requirements of http://kb.vmware.com/kb/4365932 which solve a SCSI reservation issue when VMware ESX is used with QLogic HBAs.
Note 28: Sharepoint Portal Server was tested for coexistence with SFW-HA 5.0 only.
Note 29: Full support for Windows Vista (Client OS) and Microsoft Exchange Server 2007 SP1 is in the WxRT 5.0 RP1a release.
Note 30: 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 31: Please ensure that you update Windows 2000 to SP 4 with Update Rollup1 before you upgrade to SFW 5.0 or SFW HA 5.0. Otherwise, system corruption can occur.
Note 32: With SFW HA 5.0 RP1a, Microsoft Exchange 2007 is fully supported. With SFW 5.0 Microsoft Exchange 2007 is supported only if you download additional patches. See technote: http://entsupport.symantec.com/docs/297165 .
Note 33: SMSMSE 6.0 supports VCS with Exchange 2000 and Exchange 2003 only. It is not supported with VCS with Exchange 2007. SMSMSE 6.03 is supported with VCS with Exchange 2003 and Exchange 2007. Also reference the following technote for more information: http://service1.symantec.com/SUPPORT/ent-gate.nsf/docid/2007120516193954
Note:34: TrendMicro ScanMail A32was tested for coexistence only.
Note:35: Microsoft Operations Manager 2007 is supported only if download the Symantec.SFW.MP pack from support site.
Note:36: Microsoft Windows Vista Client (32 bit) support is only supported with this version located at: http://entsupport.symantec.com/docs/288604 Microsoft Windows Vista Client (64 bit) support is only supported with this version located at: http://entsupport.symantec.com/docs/288607
Note: 37: Supported only with SQL 2005 SP1.
Note: 38: SFW 5.0 management pack for Microsoft System Center Operations Manager 2007 can be found at the following link: http://seer.entsupport.symantec.com/docs/288628.htm
Note: 39: See SFW/HA Release Notes for how to configure SEP 11 MR3 & MR4 in a clustered environment. See also: http://seer.entsupport.symantec.com/docs/320726.htm http://seer.entsupport.symantec.com/docs/320727.htm
Note 40: 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).
Note 41: Agent supports the following SAP versions: * 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
Agent was qualified with Microsoft Windows 2000 (SP4), Microsoft Windows Server 2003, Microsoft Windows Server 2003 (x64) and Microsoft Windows Server 2003 (IA64).
Note 42: NetBackup (NBU) does not yet support Bare Metal Restore (BMR) on hosts running SFW/SFWHA 5.x.
Revision History
V1.0 January 4, 2007: 1st Release.
V1.1: Added EMC Autostart support. Changed Note 27 for VMWare support with Qlogic HBAs to note VMWare KB article requirement.
V1.2: Added Win2k3 SP2 support, SMSE 6.0 support.
V1.3: Added Exchange 2007, PCA 12.0 etc.
V1.4: Added Microsoft Operations Manager 2007 and Windows Vista client support.
V1.5: Added Microsoft Exchange 2007 support for SFW-HA and SMSE 6.03 support.
V1.6a: Updated for RP1a. Added Microsoft Exchange 2007 SP1 and Microsoft SharePoint Portal Server 2007 RTM SFWHA "C" status.
V1.7: Clarified support for Microsoft System Center Operations Manager 2007, added support for Windows 2003 R2 Small Business Server
V1.8: Updated BE & NBU versions, SEP with HA solutions and platform support for several items, added VCS MC
V1.9: Updated NBU versions
V1.10: Added VCS Agent packs, updated BE support per their BE SCL
V1.11: Added Vmware 3i as compatible

V1.12: Added BMR note for NBU

V1.13: Updated to not support upgrade from SFW4.x to SFWHA5.0 or higher and from SFWHA4.x to SFW5.0 or higher.