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## Software Compatibility List (SCL) for Symantec™ ApplicationHA 5.1SP2

Platform	Vendor	Product	Version	Support Statement	Note
VMware Products & Features	VMware	VMWare ESX/ESXi Server	4.0/4.1/4.1U1/4.1U2	S	Note 1
	VMware	VMWare vCenter Server	4.0/4.1/4.1U1/4.1U2	S	
	VMware	VMware vCenter Site Recovery Manager	4.1/4.1U1/4.1U2	L	Note 2
	VMware	VMware vSphere Client	4.0/4.1/4.1U1/4.1U2	S	Note 1, 3
	VMware	VMware vSphere vMotion	4.1/4.1U1/4.1U2	S	
	VMware	VMware High Availability	4.1/4.1U1/4.1U2	S	
	VMware	VMware Snapshot	4.1/4.1U1/4.1U2	S	
	VMware	VMware Distributed Resource Scheduler	4.1/4.1U1/4.1U2	S	
	VMware	VMware Tools	4.1/4.1U1/4.1U2	S	
	Symantec	Veritas Storage Foundation for Windows (SFW)	5.1SP2	S	
	Symantec	Veritas NetBackup (NBU)	7.0	L	Note 4
	Symantec	Symantec Endpoint Protection	11_MR5, 12.1	S	
	Symantec	Symantec Mail Security for Exchange	6.5.2	S	
	Symantec	Veritas Operations Manager (VOM)	3.0, 3.1, 4.1	L	Note 5
	Symantec	Veritas Operations Manager (VOM CS)	3.0, 3.1	L	Note 5
	Symantec	Altiris Client	7.1	S	
	Microsoft	Windows Server 2003 Enterprise Edition	SP2	S	
	Microsoft	Windows Server 2003 Datacenter, Standard Edition	SP2	S	
	Microsoft	Windows Server 2003 R2 Enterprise Edition	SP2	S	
	Microsoft	Windows Server 2003 R2 Datacenter, Standard Edition,		S	
	Microsoft	Windows Server 2003 R2 Small Business Server		C	
	Microsoft	Windows Server 2008 Enterprise Edition	SP2	S	
	Microsoft	Windows Server 2008 Standard, DataCenter, Web Edition	SP1, SP2	S	
Microsoft	Windows Server 2008 Small Business Server	SP1, SP2	C		
Microsoft	Windows Server 2008 R2 Enterprise Edition(SP1 included)	RTM	S		

<b>Windows x64 Guest</b>	Microsoft	Windows Server 2008 R2 DataCenter, Standard Edition	RTM	<b>S</b>	
	Microsoft	Windows Server 2008 R2 Web Edition	RTM	<b>C</b>	
	Microsoft	Microsoft Exchange Server 2010 Enterprise Edition	RTM, SP1	<b>S</b>	
	Microsoft	Microsoft Exchange Server 2010 Standard Edition	RTM	<b>S</b>	
	Microsoft	Microsoft Exchange Server 2007 Enterprise Edition	SP1, SP2, SP3	<b>S</b>	
	Microsoft	Microsoft Exchange Server 2007 Standard Edition	SP1, SP2, SP3	<b>S</b>	
	Microsoft	Microsoft SQL Server 2008 Enterprise Edition	RTM	<b>S</b>	
	Microsoft	Microsoft SQL Server 2008 Standard or Web Edition	RTM	<b>S</b>	
	Microsoft	Microsoft SQL Server 2008 R2 Enterprise Edition	RTM	<b>S</b>	
	Microsoft	Microsoft SQL Server 2008 R2 Standard or Web Edition	RTM	<b>S</b>	
	Microsoft	Microsoft SharePoint Server 2010	RTM	<b>S</b>	
	Microsoft	Microsoft Internet Information Services (IIS)	IIS6 and later versions	<b>S</b>	
	Microsoft	FileShare Server	N/A	<b>S</b>	
	Oracle	Oracle DB Server	10g, 11gR1, 11gR2	<b>S</b>	Note 6
	SAP	SAP Business Suite	NW 7.0 SR3	<b>S</b>	
ALL	Custom applications and generic services	ALL	<b>S</b>		
<b>Windows x86 Guest</b>	Symantec	Veritas Storage Foundation for Windows (SFW)	5.1SP2	<b>S</b>	
	Symantec	Symantec Backup Exec for Windows Servers (BE)	12.5	<b>L</b>	Note 4
	Symantec	Symantec Endpoint Protection	11_MR5, 12.1	<b>S</b>	
	Symantec	Veritas Operations Manager (VOM MH)	3.0, 3.1, 4.1	<b>L</b>	Note 5
	Microsoft	Windows Server 2008 Enterprise Edition	SP2	<b>S</b>	
	Microsoft	Windows Server 2008 Standard, DataCenter, Web Edition		<b>S</b>	
	Microsoft	Windows Server 2008 Small Business Server		<b>C</b>	
	Microsoft	Windows Server 2003 Enterprise Edition	SP2	<b>S</b>	
	Microsoft	Windows Server 2003 Standard, Datacenter Edition	SP2	<b>S</b>	
	Microsoft	Windows Server 2003 R2 Enterprise Edition	SP2	<b>L</b>	Note 2
	Microsoft	Windows Server 2003 R2 Standard, Datacenter Edition	SP2	<b>L</b>	Note 2
	Microsoft	Windows Server 2003 R2 Small Business Server	SP2	<b>L</b>	Note 2
	Microsoft	Microsoft SQL Server 2008	SP1	<b>S</b>	
	Microsoft	Microsoft Internet Information Services (IIS)	IIS6 and later versions	<b>S</b>	

	Microsoft	FileShare Server	N/A	<b>S</b>	
<b>Linux x64 Guest</b>	Symantec	Veritas Storage Foundation	5.1SP1	<b>S</b>	
	Symantec	Veritas Operations Manager (VOM)	3.0, 3.1 RP1, 4.1	<b>L</b>	Note 5
	Symantec	Veritas Operations Manager (VOM CS)	3.0, 3.1 RP1	<b>L</b>	Note 5
	Symantec	Symantec Antivirus For Linux (SAV)	SAVFL_1.0 MR10	<b>S</b>	
	Linux	RedHat Enterprise Linux (RHEL), x86_64	5U3 or later	<b>S</b>	
	Novell	SUSE Linux Enterprise Server, x86_64	11SP1	<b>S</b>	
	Oracle	Oracle Enterprise Linux (OEL), x86_64	5.3 or later	<b>S</b>	
	Oracle	Oracle DB Server	10g, 11gR1, 11gR2	<b>S</b>	
	Oracle	Oracle WebLogic Server	9.x, 10.x, 11gR1	<b>S</b>	
	IBM	WebSphere Application Server	7.x	<b>S</b>	
	IBM	WebSphere MQ	7.x	<b>S</b>	
	IBM	DB2	9.5 / 9.7	<b>S</b>	Note 6
SAP	SAP Business Suite	NW 7.0 SR3	<b>S</b>		
<b>Windows x64 Console Server</b>	Symantec	Veritas Storage Foundation for Windows (SFW)	5.1SP2	<b>S</b>	
	Symantec	Symantec Endpoint Protection	11_MR5, 12.1	<b>S</b>	
	Symantec	Veritas Operations Manager (VOM)	3.0, 3.1, 4.1	<b>L</b>	Note 5
	Symantec	Veritas Operations Manager (VOM CS)	3.0, 3.1	<b>L</b>	Note 5
	Microsoft	Windows Server 2008 Enterprise Edition	SP2	<b>S</b>	
	Microsoft	Windows Server 2008 DataCenter or Standard Edition	SP2	<b>S</b>	
	Microsoft	Windows Server 2008 Web Edition, Small Business Server	SP1, SP2	<b>C</b>	
	Microsoft	Windows Server 2008 R2 Enterprise Edition	RTM	<b>S</b>	
	Microsoft	Windows Server 2008 R2 Enterprise Edition	SP1	<b>S</b>	
	Microsoft	Windows Server 2008 R2 DataCenter or Standard Edition	RTM	<b>S</b>	
	Microsoft	Windows Web Server 2008 R2	RTM	<b>C</b>	
<b>Support Legend</b>					
	<b>S</b>	Tested and Supported			
	<b>L</b>	Supported with Limitations			
	<b>C</b>	Compatible and Supported, but not tested by Symantec			
	<b>X</b>	Not Supported			
	<b>U</b>	Upgradeable to latest version			
<b>NOTES: Support is conditional according to the Notes corresponding to the individual platform or application. See the Notes column in the SCL chart for correlation.</b>					
<b>Note 1. ESX\ESXi 4.0 and vSphere 4.0 limitation</b>					
ApplicationHA supports ESX/ESXi 4.0 and vSphere 4.0 for all supported Windows guest OS and RedHat Enterprise Linux x86_64 5U3 or later on Linux only.					
<b>Note 2. Not supporting Windows Server 2003 R2 (x86) in SRM environment:</b>					

In case of VMware SRM environment, ApplicationHA currently does not support 32-bit Windows Server 2003

R2 guest virtual machines, ApplicationHA however supports 32-bit Windows Server 2003 SP2, 64-bit Windows Server 2003 R2 guest virtual machines and other supported operating systems in such one environment.

SRM 4.0 is not supported.

**Note 3. vSphere support condition, known issue:**

ApplicationHA will be supporting vSphere 4.0, vSphere 4.1 and vSphere 4.1U1 with:

- Windows 2003 SP2 (x86/x64)
- Windows 2003 R2 (x86) with limitations for SRM (Please see SRM notes)
- Windows 2003 R2 x64
- Windows 2008 (x86/x64)
- Windows 2008 R2 x64

For the list of supported operating systems refer to Symantec ApplicationHA Installation and Upgrade Guide.

Browser versions supported:

IE6, IE7 (with limitations as below), IE8, IE9

Known issue: Refreshing the ApplicationHA view multiple times displays a network connectivity error. This issue is typically observed in case of IE7 browser.

ApplicationHA view refreshes the application status every 60 seconds. However, in case of network failure if

you manually refresh the ApplicationHA view multiple times, IE displays a network connectivity error. If you

click OK on the error message and then click another virtual machine in the vSphere Client, the ApplicationHA

tab displays the application status of an unknown application. This issue also occurs if you refresh the

**Note 4. NBU and BE are configured as Customized Application in ApplicationHA 5.1SP2.**

**Note 5. Veritas Operation manager (VOM) known issues:**

a). ApplicationHA fails to work if Veritas Operations Manager is uninstalled

The Managed Host components of Veritas Operations Manager (VOM) are installed on the Console Server and

the guest virtual machines, during the ApplicationHA installation. A separate entry is created for VOM in the

Windows Add Remove Programs.

Uninstallation of VOM removes the VRTSsfmh package which breaks the ApplicationHA functionality. The sfmh

package contains the 'Veritas Storage Foundation Messaging Service' that is commonly used by ApplicationHA and VOM.

Note: This issue also occurs when you uninstall the Veritas Operations Manager Cluster Server.

Workaround:

1) Insert the ApplicationHA software disc into your system drive and navigate to the Pkgs\Common directory.

If you have uninstalled the Veritas Operations Manager Central Server, you must navigate to the Pkgs\Common\x64 directory.

2) Run the VRTSsfmh.msi

3) Repair the ApplicationHA installation

If you have uninstalled the Veritas Operations Manager Central Server, you must repair the ApplicationHA Console installation.

For more details, please refer to the latest release note for ApplicationHA 5.1SP2.

b). ApplicationHA may not work properly if you reinstall the VRTSsfmh package.

On the Windows platform, you must repair ApplicationHA guest installation. On the Linux platform, you must reinstall ApplicationHA guest components.

c). VOM CS installation fails when single sign-on is configured.

If you configure single sign-on for ApplicationHA on a virtual machine, then you may be unable to install Veritas Operations Manager Central Server (VOM CS) on the same virtual machine.

Workaround:

First install VOM CS on a virtual machine and then install ApplicationHA guest components.

For more details, please refer to the latest release note for ApplicationHA 5.1SP2.

d). Installing or uninstalling ApplicationHA guest components will cause the VOM CS web service to go down on

the Linux platform.

Workaround:

Restart VOM CS web service manually. or reboot the host.

e). VOM 4.0RU1 MH is not supported by AppHA 5.1SP2.

**Note 6. This Symantec ApplicationHA agent is included in Agent Pack 3Q2011.**

**Additional Notes:**

- a). Exchange 2010 DAG, Exchange 2007 CCR are not supported in ApplicationHA5.1 SP2.
- b). VOM Central Server (CS) supports 64BITS only, VOM Managed Host (MH client) supports all platforms.