

vSphere Compatibility Matrixes

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Introduction

The compatibility information that was previously available in this document is now available online. For compatibility information between the following solutions, upgrade path supported for the solution, or compatibility between the solution and database, see the [VMware Product Interoperability Matrix](#).

- ESX and vSphere Client Compatibility
- ESX and vCenter Server Compatibility
- VMware Consolidated Backup Compatibility with ESX and vCenter Server
- vCenter Server and vSphere Client Compatibility
- VMware vCenter Converter Client and Server Plug-In Compatibility with vSphere Client and vCenter Server
- VMware vCenter Update Manager Client and Server Plug-In Compatibility with vSphere Client and vCenter Server
- vCenter Server Upgrade Path
- Database Compatibility for vCenter Server and vCenter Orchestrator
- Database Compatibility for VMware vCenter Update Manager

Operating System Compatibility for vSphere Client, vCenter Server, vCenter Update Manager, vCenter Converter, and vCenter Orchestrator

The following matrix lists the operating systems supported for vSphere Client, vCenter Server, vCenter Guest OS Customization (OS Cust.), vCenter Update Manager, vCenter Converter, and vCenter Orchestrator until the following release versions:

- vCenter Server 2.5 Update6
- vSphere Client 2.5 Update 6
- vCenter Server 4.0 Update 3
- vSphere Client 4.0 Update 3
- vCenter Server 4.1 Update 1
- vSphere Client 4.1 Update 1
- vCenter Update Manager 4.0 Update 3
- vCenter Update Manager 4.1 Update 1
- vCenter Converter 4.2.1
- vCenter Orchestrator 4.1.1
- vCenter Orchestrator 4.0.3

For the list of operating systems supported with higher versions of vSphere Client, vCenter Server, vCenter Guest OS Customization (OS Cust.), vCenter Update Manager, vCenter Converter, and vCenter Orchestrator, see the [Host OS Guide](#).

“Yes” means the versions are compatible, “No” means the versions are not compatible. “N/A” means that the support combination does not apply.

[Table 1](#) lists the operating systems supported for vSphere Client, vCenter Server, vCenter Guest OS Customization (OS Cust.), vCenter Update Manager, vCenter Converter, and vCenter Orchestrator. In addition, it shows the patching type supported for the VMware vCenter Update Manager: Scan (S) and Remediate (R).

Table 1. Operating System Compatibility for vSphere Client, vCenter Server, vCenter Update Manager, vCenter Converter, and vCenter Orchestrator

Vendor	Operating System	vSphere Client			vCenter Server			Guest OS Cust.		vCenter Update Manager			vCenter Converter			vCenter Orchestrator			
		2.5	4.0	4.1	2.5	4.0	4.1	4.0	4.1	4.0	4.1	Patching	4.2	P2V	V2V	4.0	4.1	4.0	4.1
Microsoft ¹¹	Windows XP Pro	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	SR	Yes	Yes	Yes	No	No	No	No
	Windows XP Pro 64-bit	No	Yes	Yes	No	No	Yes	Yes	Yes	No	Yes	SR	Yes	Yes	Yes	No	Yes	No	No
	Windows 2000 Server	Yes	No	No	Yes	No	No	Yes	Yes	No	No	SR	No	No	No ⁷	No	No	No	No
	Windows 2000 Professional	Yes	No	No	No	No	No	Yes	Yes	No	No	SR	No	No	No ⁷	No	No	No	No
	Windows 2000 Advanced Server	No	No	No	Yes ¹	No	No	Yes	Yes	No	No	SR	No	No	No ⁷	No	No	No	No
	Windows Server 2003	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	SR	Yes	Yes	Yes	Yes	Yes ¹⁰	Yes	No
	Windows Server 2003 64-bit	No	Yes	Yes	No	Yes ⁶	Yes	Yes	Yes	Yes	Yes	SR	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Windows Vista Business	Yes	Yes	Yes	No	No	No	Yes	Yes	No	No	SR	Yes	Yes	Yes	No	No	No	No
	Windows Vista Enterprise	Yes	Yes	Yes	No	No	No	Yes	Yes	No	No	SR	Yes	Yes	Yes	No	No	No	No
	Windows Vista Enterprise 64-bit	Yes ¹	Yes	Yes	No	No	No	Yes	Yes	No	No	SR	Yes	Yes	Yes	No	N/A	No	N/A
	Windows Vista Business 64-bit	Yes ¹	Yes	Yes	No	No	No	Yes	Yes	No	No	SR	Yes	Yes	Yes	No	No	No	No
	Windows Vista SP2 (32-bit and 64-bit)	Yes ¹	Yes	Yes	No	No	No	Yes	Yes	No	No	SR	Yes	Yes	Yes	No	N/A	No	N/A
	Windows 7	No	Yes ⁵	Yes	No	No	No	Yes ²	Yes	No	No	SR ¹³	Yes	Yes	Yes	No	Yes ¹⁰	No	No
	Windows 7 64-bit	No	Yes ⁵	Yes	No	No	No	Yes ²	Yes	No	No	SR ¹³	Yes	Yes	Yes	No	Yes	No	No
Windows Server 2008 Enterprise	No	Yes	Yes	No	Yes	No	Yes ^{1,4}	Yes	Yes	Yes	SR	Yes	Yes	Yes	Yes	Yes ¹⁰	Yes	No	

1. Supported from vCenter Server 2.5 Update 4.
2. For vCenter Server 2.5 supported from Update 6. For vCenter Server 4.0 supported from Update 1.
3. Supported with vCenter 4.1 Update 1.
4. Supported with vCenter Server 4.0.
5. Supported from vCenter Server 4.0 Update 1.
6. 32-bit application in compatibility mode on 64-bit platform.
7. V2V cloning supported, but no reconfiguration or customization performed (resultant virtual machine might not boot).
8. Supported with vCenter 4.0 Update 2.
9. Supported with vCenter Orchestrator 4.0 Update 1.
10. Supported with 32-bit client shipped standalone.
11. All service pack versions associated with the Operating Systems are supported unless stated explicitly.
12. Supported with vCenter 4.0 Update 3.
13. Applies only for VMware tools and hardware upgrade with vCenter Update Manager 4.0 Update 3. Patching of the guest operating system is not supported.
14. Supported with vCenter Update Manager 4.0 Update 3.

Table 1. Operating System Compatibility for vSphere Client, vCenter Server, vCenter Update Manager, vCenter Converter, and vCenter Orchestrator (Continued)

Vendor	Operating System	vSphere Client			vCenter Server			Guest OS Cust.		vCenter Update Manager			vCenter Converter			vCenter Orchestrator			
		2.5	4.0	4.1	2.5	4.0	4.1	4.0	4.1	4.0	4.1	Patching	4.2	P2V	V2V	4.0	4.1	4.0	4.1
Microsoft ¹¹ (continued)	Windows Server 2008 Standard	No	Yes	Yes	No	Yes	No	Yes ^{1,4}	Yes	Yes	Yes	SR	Yes	Yes	Yes	Yes	Yes ¹⁰	Yes	No
	Windows Server 2008 Datacenter	No	Yes	Yes	No	Yes	No	Yes ^{1,4}	Yes	Yes	Yes	SR	Yes	Yes	Yes	Yes	Yes ¹⁰	Yes	No
	Windows Server 2008 Enterprise 64-bit	No	Yes	Yes	No	Yes	Yes	Yes ^{1,4}	Yes	Yes	Yes	SR	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Windows Server 2008 Standard 64-bit	No	Yes	Yes	No	Yes	Yes	Yes ^{1,4}	Yes	Yes	Yes	SR	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Windows Server 2008 Datacenter 64-bit	No	Yes	Yes	No	Yes	Yes	Yes ^{1,4}	Yes	Yes	Yes	SR	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Windows Server 2008 R2	No	Yes ¹²	Yes	No	Yes ¹²	Yes	Yes ²	Yes	Yes ¹⁴	Yes	SR ¹³	Yes	Yes	Yes	Yes ⁹	Yes	Yes ⁹	Yes
Red Hat Linux	AS 2.1	No	No	No	No	No	No	Yes	Yes	No	No	No	No	Yes	No ⁷	No	No	No	No
	ES 2.1	No	No	No	No	No	No	Yes	Yes	No	No	No	No	Yes	No ⁷	No	No	No	No
	Red Hat Desktop 3	No	No	No	No	No	No	Yes	Yes	No	No	S	No	Yes	No ⁷	No	No	No	No
	Red Hat Desktop 4	No	No	No	No	No	No	Yes	Yes	No	No	S	No	Yes	No ⁷	No	No	No	No
	AS 3.0, Update 5	No	No	No	No	No	No	Yes	Yes	No	No	S	No	Yes	No ⁷	No	No	No	No
	ES 3.0, Update 5	No	No	No	No	No	No	Yes	Yes	No	No	S	No	Yes	No ⁷	No	No	No	No
	AS 4.0, Update 2	No	No	No	No	No	No	Yes	Yes	No	No	No	No	Yes	No ⁷	No	No	No	No
	ES 4.0, Update 2	No	No	No	No	No	No	Yes	Yes	No	No	No	No	Yes	No ⁷	No	No	No	No
AS 4.5	No	No	No	No	No	No	Yes	Yes	No	No	No	No	Yes	No ⁷	No	No	No	No	

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3. Supported with vCenter 4.1 Update 1.
4. Supported with vCenter Server 4.0.
5. Supported from vCenter Server 4.0 Update 1.
6. 32-bit application in compatibility mode on 64-bit platform.
7. V2V cloning supported, but no reconfiguration or customization performed (resultant virtual machine might not boot).
8. Supported with vCenter 4.0 Update 2.
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10. Supported with 32-bit client shipped standalone.
11. All service pack versions associated with the Operating Systems are supported unless stated explicitly.
12. Supported with vCenter 4.0 Update 3.
13. Applies only for VMware tools and hardware upgrade with vCenter Update Manager 4.0 Update 3. Patching of the guest operating system is not supported.
14. Supported with vCenter Update Manager 4.0 Update 3.

Table 1. Operating System Compatibility for vSphere Client, vCenter Server, vCenter Update Manager, vCenter Converter, and vCenter Orchestrator (Continued)

Vendor	Operating System	vSphere Client			vCenter Server			Guest OS Cust.		vCenter Update Manager			vCenter Converter			vCenter Orchestrator			
		2.5	4.0	4.1	2.5	4.0	4.1	4.0	4.1	4.0	4.1	Patching	4.2	P2V	V2V	4.0	4.1	4.0	4.1
Red Hat Linux (continued)	RHEL 4.5 Server Platform 64-bit	No	No	No	No	No	No	No	Yes	N/A	N/A	N/A	No	Yes	No ⁷	No	N/A	No	N/A
	RHEL 4.8 Server Platform (32-bit and 64-bit)	No	No	No	No	No	No	Yes ⁸	Yes	N/A	N/A	N/A	No	Yes	No ⁷	No	N/A	No	N/A
	RHEL 5 Server Platform (32-bit and 64-bit)	No	No	No	No	No	No	Yes	Yes	No	No	No	No	Yes	No ⁷	No	No	No	No
	RHEL 5 Desktop Platform	No	No	No	No	No	No	Yes	Yes	No	No	No	No	Yes	No ⁷	No	N/A	No	N/A
	RHEL 5.3 Server Platform (32-bit and 64-bit)	No	No	No	No	No	No	No	Yes	N/A	N/A	N/A	No	Yes	No ⁷	No	No	No	No
	RHEL 5.4 Server Platform (32-bit and 64-bit)	No	No	No	No	No	No	No	Yes	N/A	N/A	N/A	No	Yes	No ⁷	No	No	No	No
	RHEL 5.5 Server Platform (32-bit and 64-bit)	No	No	No	No	No	No	Yes ⁸	Yes ³	N/A	N/A	N/A	No	Yes	No ⁷	No	No	No	No
	RHEL 6.0 Server Platform (32-bit and 64-bit)	No	No	No	No	No	No	No	Yes ³	N/A	N/A	N/A	No	Yes	No ⁷	No	No	No	No
SUSE Linux	SLES 11 SP1 (32-bit and 64-bit)	No	No	No	No	No	No	No	Yes	N/A	N/A	N/A	No	Yes	No ⁷	No	N/A	No	N/A
	SLES 11 (32-bit and 64-bit)	No	No	No	No	No	No	Yes ⁸	Yes	N/A	N/A	N/A	No	Yes	No ⁷	No	No	No	No
	SLES 10, SP1, and SP2 (32-bit and 64-bit)	No	No	No	No	No	No	Yes	Yes	N/A	N/A	N/A	No	Yes	No ⁷	No	No	No	No
	SLES 10 SP3 (32-bit and 64-bit)	No	No	No	No	No	No	Yes ⁸	Yes	N/A	N/A	N/A	No	Yes	No ⁷	No	No	No	No

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3. Supported with vCenter 4.1 Update 1.
4. Supported with vCenter Server 4.0.
5. Supported from vCenter Server 4.0 Update 1.
6. 32-bit application in compatibility mode on 64-bit platform.
7. V2V cloning supported, but no reconfiguration or customization performed (resultant virtual machine might not boot).
8. Supported with vCenter 4.0 Update 2.
9. Supported with vCenter Orchestrator 4.0 Update 1.
10. Supported with 32-bit client shipped standalone.
11. All service pack versions associated with the Operating Systems are supported unless stated explicitly.
12. Supported with vCenter 4.0 Update 3.
13. Applies only for VMware tools and hardware upgrade with vCenter Update Manager 4.0 Update 3. Patching of the guest operating system is not supported.
14. Supported with vCenter Update Manager 4.0 Update 3.

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Vendor	Operating System	vSphere Client			vCenter Server			Guest OS Cust.		vCenter Update Manager			vCenter Converter			vCenter Orchestrator			
		2.5	4.0	4.1	2.5	4.0	4.1	4.0	4.1	Server	OS	Patching	Server	OS Cloning	4.0	4.1	4.0	4.1	
SUSE Linux (continued)	SLES 8, SP1 and SP2 (32-bit and 64-bit)	No	No	No	No	No	No	Yes	Yes	N/A	N/A	N/A	No	Yes	No ⁷	No	N/A	No	N/A
Ubuntu Linux	Ubuntu 8.04 (32-bit and 64-bit)	No	No	No	No	No	No	Yes ⁴	Yes	N/A	N/A	N/A	No	Yes	No ⁷	No	N/A	No	N/A
	Ubuntu 8.10 (32-bit and 64-bit)	No	No	No	No	No	No	Yes ⁴	Yes	N/A	N/A	N/A	No	Yes	No ⁷	No	N/A	No	N/A
Debian Linux	Debian 4.0 R2	No	No	No	No	No	No	Yes ⁴	Yes	N/A	N/A	N/A	No	No	No ⁷	No	N/A	No	N/A
	Debian 5.0 R2 (32-bit and 64-bit)	No	No	N/A	No	No	N/A	Yes ⁸	Yes	N/A	N/A	N/A	No	No	No ⁷	No	N/A	No	N/A
	Debian 5.0 R1 (32-bit and 64-bit)	No	No	N/A	No	No	N/A	Yes ⁸	Yes	N/A	N/A	N/A	No	No	No ⁷	No	N/A	No	N/A
	Debian 5.0 (32-bit and 64-bit)	No	No	No	No	No	No	Yes ⁸	Yes	N/A	N/A	N/A	No	No	No ⁷	No	N/A	No	N/A

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2. For vCenter Server 2.5 supported from Update 6. For vCenter Server 4.0 supported from Update 1.
3. Supported with vCenter 4.1 Update 1.
4. Supported with vCenter Server 4.0.
5. Supported from vCenter Server 4.0 Update 1.
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7. V2V cloning supported, but no reconfiguration or customization performed (resultant virtual machine might not boot).
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9. Supported with vCenter Orchestrator 4.0 Update 1.
10. Supported with 32-bit client shipped standalone.
11. All service pack versions associated with the Operating Systems are supported unless stated explicitly.
12. Supported with vCenter 4.0 Update 3.
13. Applies only for VMware tools and hardware upgrade with vCenter Update Manager 4.0 Update 3. Patching of the guest operating system is not supported.
14. Supported with vCenter Update Manager 4.0 Update 3.

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VMware, Inc. 3401 Hillview Avenue Palo Alto, CA 94304 www.vmware.com

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