

# vSphere Compatibility Matrixes

Last Updated: February 17, 2011

## Introduction

The following matrixes describe version compatibilities for VMware® ESX, VMware vCenter Server, and VMware vSphere Client. Where appropriate, information about VMware Server and VMware vCenter Update Manager is also provided.

- [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](#)
- [Browser Compatibility for vCenter Server Web Access](#)
- [Operating System Compatibility for vSphere Client, vCenter Server, vCenter Update Manager, vCenter Converter, and vCenter Orchestrator](#)

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

ESX 3.5 and later includes ESX and ESXi versions.

## ESX and vSphere Client Compatibility

Table 1 lists the version compatibility for ESX with vSphere Client.

**Table 1.** ESX and vSphere Client Version Compatibility

	vSphere Client					
	2.5 U6	4.0	4.0 U1	4.0 U2	4.1	4.1 U1
<b>ESX 3.0.x<sup>4</sup></b>	Yes <sup>1,3</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>
<b>ESX 3.5<sup>2</sup></b>	Yes <sup>5</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>
<b>ESX 4.0</b>	No	Yes	Yes	Yes	Yes <sup>1</sup>	Yes <sup>1</sup>
<b>ESX 4.0 U1</b>	No	Yes	Yes	Yes	Yes <sup>1</sup>	Yes <sup>1</sup>
<b>ESX 4.0 U2</b>	No	Yes	Yes	Yes	Yes <sup>1</sup>	Yes <sup>1</sup>
<b>ESX 4.1</b>	No	No	No	No	Yes	Yes
<b>ESX 4.1 U1</b>	No	No	No	No	Yes <sup>1</sup>	Yes

1. The first time you try to connect, a different vSphere Client is downloaded and installed. For all subsequent connections, the client launcher starts the correct client for your ESX/ESXi instance.
2. Including all updates unless otherwise noted.
3. Applicable to ESX 3.0.3.
4. This product release has reached a limited support or non-supported status according to VMware support life cycle policy. See [http://www.vmware.com/support/policies/eos\\_vi.html](http://www.vmware.com/support/policies/eos_vi.html) for more information.
5. Do not use the VI Client shipped with ESX 3.5 U5. Download and upgrade to the newer VI Client included with VC 2.5 U6.

## ESX and vCenter Server Compatibility

Table 2 lists the version compatibility for ESX and vCenter Server.

**Table 2.** ESX and vCenter Server Version Compatibility

	vCenter Server					
	2.5 U5–U6	4.0	4.0 U1	4.0 U2	4.1	4.1 U1
<b>ESX 3.0.3 U1</b>	Yes	No	No	No	Yes	Yes
<b>ESX 3.5 U2 - U5</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>ESX 4.0</b>	No	Yes	Yes	Yes	Yes	Yes
<b>ESX 4.0 U1</b>	No	Yes	Yes	Yes	Yes	Yes
<b>ESX 4.0 U2</b>	No	Yes	Yes	Yes	Yes	Yes
<b>ESX 4.1</b>	No	No	No	No	Yes	Yes
<b>ESX 4.1 U1</b>	No	No	No	No	Yes	Yes

## VMware Consolidated Backup Compatibility with ESX and vCenter Server

Table 3 lists the VMware Consolidated Backup (VCB) versions compatible with ESX and vCenter Server combinations. Note the following:

- In cases where there is no compatibility between vCenter Server and ESX, the VCB support is listed as “N/A”.
- VCB 1.0.2 implies the latest update of version 1.0.2, VCB 1.0.3 implies the latest update of version 1.0.3, VCB 1.1 implies the latest update of version 1.1.

**Table 3.** VMware VCB Compatibility with ESX and vCenter Server

ESX	vCenter Server					
	2.5 <sup>1</sup>	4.0	4.0 U1	4.0 U2	4.1	4.1 U1
<b>3.5<sup>1</sup></b>	VCB	VCB	VCB	VCB	VCB	VCB
	1.1 <sup>2</sup>	1.5 U1	1.5 U1	1.5 U1	1.5 U2	1.5 U2
	1.5					
	1.5 U1					
	1.5 U2 <sup>3</sup>					
<b>4.0</b>	N/A	VCB	VCB	VCB	VCB	VCB
		1.5 U1	1.5 U1	1.5 U1	1.5 U2	1.5 U2
		1.5 U2				
<b>4.0 U1</b>	N/A	N/A	VCB	VCB	VCB	VCB
		1.5 U1	1.5 U1	1.5 U1	1.5 U2	1.5 U2
			1.5 U2	1.5 U2		
<b>4.0 U2</b>	N/A	N/A	VCB	VCB	VCB	VCB
		1.5 U1	1.5 U1	1.5 U1	1.5 U2	1.5 U2
		1.5 U2	1.5 U2	1.5 U2		
<b>4.1</b>	N/A	N/A	N/A	N/A	VCB	VCB
					1.5 U2	1.5 U2
<b>4.1 U1</b>	N/A	N/A	N/A	N/A	VCB	VCB
					1.5 U2	1.5 U2

1. Including all updates unless otherwise noted.
2. ESX 3.5 is required to perform a network-based backup with VCB 1.1.
3. Supported with ESX 3.5 U 5 and vCenter 2.5 U5, 2.5 U6.

## vCenter Server and vSphere Client Compatibility

Table 4 lists the version compatibility for vCenter Server and vSphere Client.

**Table 4.** vCenter Server and vSphere Client Version Compatibility

vCenter Server	vSphere Client					
	2.5 U6	4.0	4.0 U1	4.0 U2	4.1	4.1 U1
2.5 U6	Yes	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>
4.0	Yes <sup>1</sup>	Yes	Yes	Yes	Yes <sup>1</sup>	Yes <sup>1</sup>
4.0 U1	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes	Yes	Yes <sup>1</sup>	Yes <sup>1</sup>
4.0 U2	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes	Yes	Yes <sup>1</sup>	Yes <sup>1</sup>
4.1	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes	Yes
4.1 U1	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes

1. The first time you try to connect, a different vSphere Client is downloaded and installed. For all subsequent connections, the client launcher starts the correct client for your vCenter Server.

# VMware vCenter Converter Client and Server Plug-In Compatibility with vSphere Client and vCenter Server

Table 5 lists the version compatibility for vCenter Server and vCenter Converter Server.

**Table 5.** vCenter Converter Server Compatibility with vCenter Server

vCenter Server	vCenter Converter Server						
	2.5 U4	2.5 U5	2.5 U6	4.1.0	4.1.1	4.2	4.2.1
2.5	Yes	Yes	Yes	No	No	No	No
2.5 U1	Yes	Yes	Yes	No	No	No	No
2.5 U2	Yes	Yes	Yes	No	No	No	No
2.5 U3	Yes	Yes	Yes	No	No	No	No
2.5 U4–U6	Yes	Yes	Yes	No	No	No	No
4.0	No	No	No	Yes	Yes	No	No
4.0 U1	No	No	No	No	Yes	No	No
4.0 U2	No	No	No	No	Yes	No	No
4.1	No	No	No	No	No	Yes <sup>1</sup>	No
4.1 U1	No	No	No	No	No	No	Yes

1. Supports importing from and to vCenter Server 2.5 and later.

Table 6 lists the version compatibility for vCenter Converter server and vCenter Converter client plug-in.

**Table 6.** vCenter Converter Client Compatibility with vCenter Converter Server

vCenter Converter Client Plug-In	vCenter Converter Server				
	2.5 U6	4.1.0	4.1.1	4.2	4.2.1
2.5	No	No	No	No	No
2.5 U1	No	No	No	No	No
2.5 U2	No	No	No	No	No
2.5 U3	No	No	No	No	No
2.5 U4–U6	Yes	No	No	No	No
4.1.0	No	Yes	No	No	No
4.1.1	No	No	Yes	No	No
4.2	No	No	No	Yes	No
4.2.1	No	No	No	No	Yes

Table 7 lists the Converter Client plug-in versions compatible with the vSphere Client.

**Table 7.** vCenter Converter Client Plug-In Compatibility with vSphere Client

vCenter Converter Client Plug-In	vSphere Client					
	2.5 U6	4.0	4.0 U1	4.0 U2	4.1	4.1 U1
2.5 U6	Yes	No	No	No	No	No
4.1.0	No	Yes	Yes	Yes	No	No
4.1.1	No	No	Yes	Yes	No	No
4.2	No	No	No	No	Yes	No
4.2.1	No	No	No	No	No	Yes

## VMware vCenter Update Manager Client and Server Plug-In Compatibility with vSphere Client and vCenter Server

Table 8 lists the version compatibility for vCenter Server and vCenter Update Manager Server.

**Table 8.** vCenter Update Manager Server Compatibility with vCenter Server

vCenter Server	vCenter Update Manager Server					
	1.0 U6	4.0	4.0 U1	4.0 U2	4.1	4.1 U1
2.5 U6	Yes	No	No	No	No	No
4.0	No	Yes	No	No	No	No
4.0 U1	No	No	Yes	No	No	No
4.0 U2	No	No	No	Yes	No	No
4.1	No	No	No	No	Yes	No
4.1 U1	No	No	No	No	No	Yes

Table 9 lists the version compatibility for vCenter Update Manager server and vCenter Update Manager client plug-in.

**Table 9.** vCenter Update Manager Client Compatibility with vCenter Update Manager Server

vCenter Update Manager Client Plug-In	vCenter Update Manager Server					
	1.0 U6	4.0	4.0 U1	4.0 U2	4.1	4.1 U1
1.0 U6	Yes	No	No	No	No	No
4.0	No	Yes	No	No	No	No
4.0 U1	No	No	Yes	No	No	No
4.0 U2	No	No	No	Yes	No	No
4.1	No	No	No	No	Yes	No
4.1 U1	No	No	No	No	No	Yes



[Table 10](#) lists the vCenter Update Manager client plug-in versions compatible with the vSphere Client.

**Table 10.** vCenter Update Manager Client Plug-In Compatibility with vSphere Client

vCenter Update Manager Client Plug-in	vSphere Client					
	2.5 U6	4.0	4.0 U1	4.0 U2	4.1	4.1 U1
<b>1.0 U6</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>4.0</b>	No	Yes	Yes	Yes	Yes	Yes
<b>4.0 U1</b>	No	Yes	Yes	Yes	Yes	Yes
<b>4.0 U2</b>	No	Yes	Yes	Yes	Yes	Yes
<b>4.1</b>	No	No	No	No	Yes	Yes
<b>4.1 U1</b>	No	No	No	No	No	Yes

## vCenter Server Upgrade Path

Table 11 lists the supported vCenter Server upgrade paths.

**Table 11.** vCenter Server Upgrade Path

From vCenter Server Version	To vCenter Server Version					
	2.5 U6	4.0	4.0 U1	4.0 U2	4.1	4.1 U1
2.5 U6	No	No	Yes	Yes	Yes <sup>1,2</sup>	Yes <sup>1,2</sup>
4.0	No	No	Yes	Yes	Yes <sup>1</sup>	Yes <sup>1</sup>
4.0 U1	No	No	No	Yes	Yes <sup>1</sup>	Yes <sup>1</sup>
4.0 U2	No	No	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>
4.1	No	No	No	No	No	Yes
4.1 U1	No	No	No	No	No	No

1. For vCenter 2.5 and vCenter 4.0 versions that are on 32-bit systems this will be a migration rather than upgrade.
2. Guided Consolidation upgrade from 2.5 to 4.1 will not do data migration.

## Database Compatibility for vCenter Server and vCenter Orchestrator

Table 12 provides a list of supported databases for vCenter Server and vCenter Orchestrator.

**Table 12.** Database Compatibility for vCenter Server

Vendor	Database Server	vCenter Server						vCenter Orchestrator			
		2.5 U6	4	4.0 U1	4.0 U2	4.1	4.1 U1	4	4.0 U1–U2	4.1	4.1 U1
<b>Microsoft</b> <sup>4</sup>	SQL Server 2000 Standard Edition (SP4)	Yes	No	No	No	No	No	No	No	No	No
	SQL Server 2000 Enterprise Edition (SP4)	Yes	No	No	No	No	No	No	No	No	No
	SQL Server 2005 Standard Edition (SP3) -32-bit	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	SQL Server 2005 Standard Edition (SP3) - 64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	SQL Server 2005 Enterprise Edition (SP3) -32-bit	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	SQL Server 2005 Enterprise Edition (SP3) -64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	SQL Server 2005 Express	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	No	No	Yes	Yes
	SQL Server 2008 Standard Edition (SP1) - 32-bit	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
	SQL Server 2008 Standard Edition (SP1) - 64-bit	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
	SQL Server 2008 Standard Edition (SP2) - 32-bit	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
	SQL Server 2008 Standard Edition (SP2) - 64-bit	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
	SQL Server 2008 Enterprise Edition (SP1) - 32-bit	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	SQL Server 2008 Enterprise Edition (SP1) - 64-bit	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	SQL Server 2008 Enterprise Edition (SP2) - 32-bit	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	SQL Server 2008 Enterprise Edition (SP2) - 64-bit	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
	SQL Server 2008 R2 Standard Edition - 32-bit	No	No	No	No	No	Yes	No	No	No	No
	SQL Server 2008 R2 Standard Edition - 64-bit	No	No	No	No	No	Yes	No	No	No	No
	SQL Server 2008 R2 Enterprise Edition - 32-bit	No	No	No	No	No	Yes	No	No	No	No
	SQL Server 2008 R2 Enterprise Edition - 64-bit	No	No	No	No	No	Yes	No	No	No	No
	SQL Server 2008 Express -32/64-bit (Experimental support)	No	No	No	No	No	Yes <sup>1</sup>	No	No	No	No
<b>Oracle</b>	Oracle 9i Standard Edition, Release 2 [9.2.0.8]	Yes	No	No	No	No	No	Yes	Yes	No	No

1. Maximum of 5 hosts and 50 virtual machines.
2. Supported with version 10.2.0.3.0 or higher.
3. Requires 10.2.0.4 version or higher.
4. All service pack versions associated with the Database Server are supported unless stated explicitly.

**Table 12. Database Compatibility for vCenter Server (Continued)**

Vendor	Database Server	vCenter Server						vCenter Orchestrator			
		2.5 U6	4	4.0 U1	4.0 U2	4.1	4.1 U1	4	4.0 U1–U2	4.1	4.1 U1
Oracle (Continued)	Oracle 9i Enterprise Edition, Release 2 [9.2.0.8]	Yes	No	No	No	No	No	Yes	Yes	No	No
	Oracle 10g Standard Edition, Release 1 [10.1.0.3.0]	Yes	No	No	No	No	No	Yes	Yes	No	No
	Oracle 10g Enterprise Edition, Release 1 [10.1.0.3.0]	Yes	No	No	No	No	No	Yes	Yes	No	No
	Oracle 10g Standard Edition, Release 2 [10.2.0.3.0] - 32-bit	Yes <sup>2</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>
	Oracle 10g Standard Edition, Release 2 [10.2.0.3.0] -64-bit	Yes <sup>2</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>
	Oracle 10g Enterprise Edition, Release 2 [10.2.0.3.0] - 32-bit	Yes <sup>2</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>
	Oracle 10g Enterprise Edition, Release 2 [10.2.0.3.0] 64-bit	Yes <sup>2</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>
	Oracle 11g Standard Edition, Release 1 [11.1.0.7.0] - 32-bit	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes
	Oracle 11g Standard Edition, Release 1 [11.1.0.7.0] - 64-bit	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes
	Oracle 11g Enterprise Edition, Release 1 [11.1.0.7.0] - 32-bit	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes
	Oracle 11g Enterprise Edition, Release 1 [11.1.0.7.0] - 64-bit	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes
	Oracle 11g Standard Edition, Release 2 [11.2.0.1.0] - 32-bit	No	No	No	No	No	Yes	No	No	No	No
	Oracle 11g Standard Edition, Release 2 [11.2.0.1.0] - 64-bit	No	No	No	No	No	Yes	No	No	No	No
	Oracle 11g Enterprise Edition, Release 2 [11.2.0.1.0] - 32-bit	No	No	No	No	No	Yes	No	No	No	No
	Oracle 11g Enterprise Edition, Release 2 [11.2.0.1.0] - 64-bit	No	No	No	No	No	Yes	No	No	No	No
IBM	DB2 Enterprise 9.5 -32-bit	No	No	Yes	Yes	Yes	Yes	No	No	No	No
	DB2 Workgroup 9.5 -32-bit	No	No	Yes	Yes	Yes	Yes	No	No	No	No
	DB2 Express 9.5 - 32-bit	No	No	Yes	Yes	Yes	Yes	No	No	No	No
	DB2 Express C 9.5 - 32-bit	No	No	Yes	Yes	Yes	Yes	No	No	No	No
	DB2 Enterprise 9.5 -64-bit	No	No	Yes	Yes	Yes	Yes	No	No	No	No
	DB2 Workgroup 9.5 -64-bit	No	No	Yes	Yes	Yes	Yes	No	No	No	No
	DB2 Express 9.5 - 64-bit	No	No	Yes	Yes	Yes	Yes	No	No	No	No
	DB2 Express C 9.5 - 64-bit	No	No	Yes	Yes	Yes	Yes	No	No	No	No

1. Maximum of 5 hosts and 50 virtual machines.
2. Supported with version 10.2.0.3.0 or higher.
3. Requires 10.2.0.4 version or higher.
4. All service pack versions associated with the Database Server are supported unless stated explicitly.

**Table 12.** Database Compatibility for vCenter Server (Continued)

Vendor	Database Server	vCenter Server						vCenter Orchestrator			
		2.5 U6	4	4.0 U1	4.0 U2	4.1	4.1 U1	4	4.0 U1-U2	4.1	4.1 U1
IBM (continued)	DB2 Enterprise 9.7.2 -32-bit	No	No	No	No	No	Yes	No	No	No	No
	DB2 Workgroup 9.7.2 -32-bit	No	No	No	No	No	Yes	No	No	No	No
	DB2 Express 9.7.2 - 32-bit	No	No	No	No	No	Yes	No	No	No	No
	DB2 Express C 9.7.2 - 32-bit	No	No	No	No	No	Yes	No	No	No	No
	DB2 Enterprise 9.7.2 -64-bit	No	No	No	No	No	Yes	No	No	No	No
	DB2 Workgroup 9.7.2 -64-bit	No	No	No	No	No	Yes	No	No	No	No
	DB2 Express 9.7.2 - 64-bit	No	No	No	No	No	Yes	No	No	No	No
	DB2 Express C 9.7.2 - 64-bit	No	No	No	No	No	Yes	No	No	No	No

1. Maximum of 5 hosts and 50 virtual machines.
2. Supported with version 10.2.0.3.0 or higher.
3. Requires 10.2.0.4 version or higher.
4. All service pack versions associated with the Database Server are supported unless stated explicitly.

## Database Compatibility for VMware vCenter Update Manager

Table 13 provides a list of supported databases for VMware vCenter Update Manager.

**Table 13.** Database Compatibility for VMware vCenter Update Manager

Vendor	Database Server	vCenter Server Update Manager					
		1.0 U6	4	4 U1	4 U2	4.1	4.1 U1
<b>Microsoft</b>	SQL Server 2000 Standard Edition (SP4)	Yes	No	No	No	No	No
	SQL Server 2000 Enterprise Edition (SP4)	Yes	No	No	No	No	No
	SQL Server 2005 Standard Edition (SP3) -32-bit	Yes	Yes	Yes	Yes	Yes	Yes
	SQL Server 2005 Standard Edition (SP3) - 64-bit	Yes	Yes	Yes	Yes	Yes	Yes
	SQL Server 2005 Enterprise Edition (SP3) -32-bit	Yes	Yes	Yes	Yes	Yes	Yes
	SQL Server 2005 Enterprise Edition (SP3) -64-bit	Yes	Yes	Yes	Yes	Yes	Yes
	SQL Server 2008 Standard Edition (SP1) - 32-bit	No	Yes	Yes	Yes	Yes	Yes
	SQL Server 2008 Standard Edition (SP1) - 64-bit	No	Yes	Yes	Yes	Yes	Yes
	SQL Server 2008 Standard Edition (SP2) - 32-bit	No	Yes	Yes	Yes	Yes	Yes
	SQL Server 2008 Standard Edition (SP2) - 64-bit	No	Yes	Yes	Yes	Yes	Yes
	SQL Server 2008 Enterprise Edition (SP1) - 32-bit	No	Yes	Yes	Yes	Yes	Yes
	SQL Server 2008 Enterprise Edition (SP1) - 64-bit	No	Yes	Yes	Yes	Yes	Yes
	SQL Server 2008 Enterprise Edition (SP2) - 32-bit	No	Yes	Yes	Yes	Yes	Yes
	SQL Server 2008 Enterprise Edition (SP2) - 64-bit	No	Yes	Yes	Yes	Yes	Yes
	SQL Server 2008 R2 - 32-bit	No	No	No	No	No	Yes
	SQL Server 2008 R2 - 64-bit	No	No	No	No	No	Yes
	SQL Server 2005 Express	Yes	Yes	Yes	Yes	Yes	Yes
	SQL Server 2008 Express -32/64-bit (Experimental support)	No	No	No	No	No	Yes
<b>Oracle</b>	Oracle 9i Standard Edition, Release 2 [9.2.0.8]	Yes	No	No	No	No	No
	Oracle 9i Enterprise Edition, Release 2 [9.2.0.8]	Yes	No	No	No	No	No
	Oracle 10g Standard Edition, Release 1 [10.1.0.3.0]	Yes	No	No	No	No	No
	Oracle 10g Enterprise Edition, Release 1 [10.1.0.3.0]	Yes	No	No	No	No	No

1. Supported with version 10.2.0.3.0 or higher.

2. To create a 32-bit DSN by using the 32-bit Oracle client on a 64-bit operating system, apply Oracle patch 5699495.

**Table 13. Database Compatibility for VMware vCenter Update Manager (Continued)**

Vendor	Database Server	vCenter Server Update Manager					
		1.0 U6	4	4 U1	4 U2	4.1	4.1 U1
Oracle (continued)	Oracle 10g Standard Edition, Release 2 [10.2.0.3.0] - 32-bit <sup>2</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>
	Oracle 10g Standard Edition, Release 2 [10.2.0.3.0] - 64-bit	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>
	Oracle 10g Enterprise Edition, Release 2 [10.2.0.3.0] - 32-bit <sup>2</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>
	Oracle 10g Enterprise Edition, Release 2 [10.2.0.3.0] - 64-bit	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>
	Oracle 11g Standard Edition, Release 1 [11.1.0.7.0] - 32-bit	No	Yes	Yes	Yes	Yes	Yes
	Oracle 11g Standard Edition, Release 1 [11.1.0.7.0] - 64-bit	No	Yes	Yes	Yes	Yes	Yes
	Oracle 11g Enterprise Edition, Release 1 [11.1.0.7.0] - 32-bit	No	Yes	Yes	Yes	Yes	Yes
	Oracle 11g Enterprise Edition, Release 1 [11.1.0.7.0] - 64-bit	No	Yes	Yes	Yes	Yes	Yes
	Oracle 11g Standard Edition, Release 2 [11.2.0.1.0] - 32-bit	No	No	No	No	No	Yes
	Oracle 11g Standard Edition, Release 2 [11.2.0.1.0] - 64-bit	No	No	No	No	No	Yes
	Oracle 11g Enterprise Edition, Release 2 [11.2.0.1.0] - 32-bit	No	No	No	No	No	Yes
	Oracle 11g Enterprise Edition, Release 2 [11.2.0.1.0] - 64-bit	No	No	No	No	No	Yes

1. Supported with version 10.2.0.3.0 or higher.

2. To create a 32-bit DSN by using the 32-bit Oracle client on a 64-bit operating system, apply Oracle patch 5699495.

## Browser Compatibility for vCenter Server Web Access

For information about browsers compatible for vCenter Server Web Access, see [KB 1033383](#).

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

Table 14 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 14.** 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	4.1 Server	OS Patching	4.2 Server	P2V	V2V	4.0 Client	4.1 Client	4.0 Server	4.1 Server
Microsoft <sup>11</sup>	Windows XP Pro	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	SR	Yes	Yes	Yes	No	No	No	No
	Windows XP Pro 64-bit	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	SR	Yes	Yes	Yes	No	Yes	No	No
	Windows 2000 Server	Yes	No	No	Yes	No	No	Yes	Yes	No	SR	No	No	No <sup>7</sup>	No	No	No	No
	Windows 2000 Professional	Yes	No	No	No	No	No	Yes	Yes	No	SR	No	No	No <sup>7</sup>	No	No	No	No
	Windows 2000 Advanced Server	No	No	No	Yes <sup>1</sup>	No	No	Yes	Yes	No	SR	No	No	No <sup>7</sup>	No	No	No	No
	Windows Server 2003	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	SR	Yes	Yes	Yes	Yes	Yes <sup>10</sup>	Yes	No
	Windows Server 2003 64-bit	No	Yes	Yes	No	Yes <sup>6</sup>	Yes	Yes	Yes	Yes	SR	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Windows Vista Business	Yes	Yes	Yes	No	No	No	Yes	Yes	No	SR	Yes	Yes	Yes	No	No	No	No
	Windows Vista Enterprise	Yes	Yes	Yes	No	No	No	Yes	Yes	No	SR	Yes	Yes	Yes	No	No	No	No
	Windows Vista Enterprise 64-bit	Yes <sup>1</sup>	Yes	Yes	No	No	No	Yes	Yes	No	SR	Yes	Yes	Yes	No	N/A	No	N/A
	Windows Vista Business 64-bit	Yes <sup>1</sup>	Yes	Yes	No	No	No	Yes	Yes	No	SR	Yes	Yes	Yes	No	No	No	No
	Windows Vista SP2 (32-bit and 64-bit)	Yes <sup>1</sup>	Yes	Yes	No	No	No	Yes	Yes	No	SR	Yes	Yes	Yes	No	N/A	No	N/A
	Windows 7	No	Yes <sup>5</sup>	Yes	No	No	No	Yes <sup>2</sup>	Yes	No	No	Yes	Yes	Yes	No	Yes <sup>10</sup>	No	No
Windows 7 64-bit	No	Yes <sup>5</sup>	Yes	No	No	No	Yes <sup>2</sup>	Yes	No	No	Yes	Yes	Yes	No	Yes	No	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.



**Table 14.** 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	4.1 Server	OS Patching	Server 4.2	OS Cloning P2V	V2V	Client 4.0	Client 4.1	Server 4.0	Server 4.1
		<b>Microsoft<sup>11</sup></b> (continued)	Windows Server 2008 Enterprise	No	Yes	Yes	No	Yes	No	Yes <sup>1,4</sup>	Yes	Yes	SR	Yes	Yes	Yes	Yes	Yes <sup>10</sup>
	Windows Server 2008 Standard	No	Yes	Yes	No	Yes	No	Yes <sup>1,4</sup>	Yes	Yes	SR	Yes	Yes	Yes	Yes	Yes <sup>10</sup>	Yes	No
	Windows Server 2008 Datacenter	No	Yes	Yes	No	Yes	No	Yes <sup>1,4</sup>	Yes	Yes	SR	Yes	Yes	Yes	Yes	Yes <sup>10</sup>	Yes	No
	Windows Server 2008 Enterprise 64-bit	No	Yes	Yes	No	Yes	Yes	Yes <sup>1,4</sup>	Yes	Yes	SR	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Windows Server 2008 Standard 64-bit	No	Yes	Yes	No	Yes	Yes	Yes <sup>1,4</sup>	Yes	Yes	SR	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Windows Server 2008 Datacenter 64-bit	No	No	Yes	No	Yes	Yes	Yes <sup>1,4</sup>	Yes	Yes	SR	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Windows Server 2008 R2	No	No	Yes	No	No	Yes	Yes <sup>2</sup>	Yes	Yes	No	Yes	Yes	Yes	Yes <sup>9</sup>	Yes	Yes <sup>9</sup>	Yes
<b>Red Hat Linux</b>	AS 2.1	No	No	No	No	No	No	Yes	Yes	No	No	No	Yes	No <sup>7</sup>	No	No	No	No
	ES 2.1	No	No	No	No	No	No	Yes	Yes	No	No	No	Yes	No <sup>7</sup>	No	No	No	No
	Red Hat Desktop 3	No	No	No	No	No	No	Yes	Yes	No	S	No	Yes	No <sup>7</sup>	No	No	No	No
	Red Hat Desktop 4	No	No	No	No	No	No	Yes	Yes	No	S	No	Yes	No <sup>7</sup>	No	No	No	No
	AS 3.0, Update 5	No	No	No	No	No	No	Yes	Yes	No	S	No	Yes	No <sup>7</sup>	No	No	No	No
	ES 3.0, Update 5	No	No	No	No	No	No	Yes	Yes	No	S	No	Yes	No <sup>7</sup>	No	No	No	No
	AS 4.0, Update 2	No	No	No	No	No	No	Yes	Yes	No	No	No	Yes	No <sup>7</sup>	No	No	No	No
	ES 4.0, Update 2	No	No	No	No	No	No	Yes	Yes	No	No	No	Yes	No <sup>7</sup>	No	No	No	No
	AS 4.5	No	No	No	No	No	No	Yes	Yes	No	No	No	Yes	No <sup>7</sup>	No	No	No	No
	RHEL 4.5 Server Platform 64-bit	No	No	No	No	No	No	No	Yes	N/A	N/A	No	Yes	No <sup>7</sup>	No	N/A	No	N/A

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.

**Table 14.** 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	4.1 Server	OS Patching	4.2 Server	P2V	V2V	4.0 Client	4.1 Client	4.0 Server	4.1 Server
<b>Red Hat Linux (continued)</b>	RHEL 4.8 Server Platform (32-bit and 64-bit)	No	No	No	No	No	No	Yes <sup>8</sup>	Yes	N/A	N/A	No	Yes	No <sup>7</sup>	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	Yes	No <sup>7</sup>	No	No	No	No
	RHEL 5 Desktop Platform	No	No	No	No	No	No	Yes	Yes	No	No	No	Yes	No <sup>7</sup>	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	No	Yes	No <sup>7</sup>	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	No	Yes	No <sup>7</sup>	No	No	No	No
	RHEL 5.5 Server Platform (32-bit and 64-bit)	No	No	No	No	No	No	Yes <sup>8</sup>	Yes <sup>3</sup>	N/A	N/A	No	Yes	No <sup>7</sup>	No	No	No	No
	RHEL 6.0 Server Platform (32-bit and 64-bit)	No	No	No	No	No	No	No	Yes <sup>3</sup>	N/A	N/A	No	Yes	No <sup>7</sup>	No	No	No	No
<b>SUSE Linux</b>	SLES 11 SP1 (32-bit and 64-bit)	No	No	No	No	No	No	No	Yes	N/A	N/A	No	Yes	No <sup>7</sup>	No	N/A	No	N/A
	SLES 11 (32-bit and 64-bit)	No	No	No	No	No	No	Yes <sup>8</sup>	Yes	N/A	N/A	No	Yes	No <sup>7</sup>	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	No	Yes	No <sup>7</sup>	No	No	No	No
	SLES 10 SP3 (32-bit and 64-bit)	No	No	No	No	No	No	Yes <sup>8</sup>	Yes	N/A	N/A	No	Yes	No <sup>7</sup>	No	No	No	No
	SLES 8, SP1 and SP2 (32-bit and 64-bit)	No	No	No	No	No	No	Yes	Yes	N/A	N/A	No	Yes	No <sup>7</sup>	No	N/A	No	N/A
<b>Ubuntu Linux</b>	Ubuntu 8.04 (32-bit and 64-bit)	No	No	No	No	No	No	Yes <sup>4</sup>	Yes	N/A	N/A	No	Yes	No <sup>7</sup>	No	N/A	No	N/A
	Ubuntu 8.10 (32-bit and 64-bit)	No	No	No	No	No	No	Yes <sup>4</sup>	Yes	N/A	N/A	No	Yes	No <sup>7</sup>	No	N/A	No	N/A

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.

**Table 14.** 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	4.1 Server	OS Patching	4.2 Server	P2V	V2V	4.0 Client	4.1 Client	4.0 Server	4.1 Server
Debian Linux	Debian 4.0 R2	No	No	No	No	No	No	Yes <sup>4</sup>	Yes	N/A	N/A	No	No	No <sup>7</sup>	No	N/A	No	N/A
	Debian 5.0 R2 (32-bit and 64-bit)	No	No	N/A	No	No	N/A	Yes <sup>8</sup>	Yes	N/A	N/A	No	No	No <sup>7</sup>	No	N/A	No	N/A
	Debian 5.0 R1 (32-bit and 64-bit)	No	No	N/A	No	No	N/A	Yes <sup>8</sup>	Yes	N/A	N/A	No	No	No <sup>7</sup>	No	N/A	No	N/A
	Debian 5.0 (32-bit and 64-bit)	No	No	No	No	No	No	Yes <sup>8</sup>	Yes	N/A	N/A	No	No	No <sup>7</sup>	No	N/A	No	N/A

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.

## Disclaimer

THIS CONTENT IS PROVIDED "AS-IS," AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, VMWARE DISCLAIMS ALL OTHER REPRESENTATIONS AND WARRANTIES, EXPRESS OR IMPLIED, REGARDING THIS CONTENT, INCLUDING THEIR FITNESS FOR A PARTICULAR PURPOSE, THEIR MERCHANTABILITY, OR THEIR NONINFRINGEMENT. VMWARE SHALL NOT BE LIABLE FOR ANY DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE USE OF THIS CONTENT, INCLUDING DIRECT, INDIRECT, CONSEQUENTIAL DAMAGES, LOSS OF BUSINESS PROFITS OR SPECIAL DAMAGES, EVEN IF VMWARE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

---

If you have comments about this documentation, submit your feedback to: [docfeedback@vmware.com](mailto:docfeedback@vmware.com)

**VMware, Inc. 3401 Hillview Avenue Palo Alto, CA 94304 [www.vmware.com](http://www.vmware.com)**

Copyright © 2010, 2011 VMware, Inc. All rights reserved. This product is protected by U.S. and international copyright and intellectual property laws. VMware products are covered by one or more patents listed at <http://www.vmware.com/go/patents>. VMware is a registered trademark or trademark of VMware, Inc. in the United States and/or other jurisdictions. All other marks and names mentioned herein may be trademarks of their respective companies.

Revision: 20110210