



# **System Requirements for System Center 2012 Service Pack 1**

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## **Applies To**

System Center 2012 Service Pack 1 (SP1)

## **Feedback**

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## Revision History

Release Date	Changes
December 20, 2012	Original release of this guide.
February 6, 2013	Updated table removing App Controller support of Windows Server Core.

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# System Requirements for System Center 2012 SP1

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This guide lists the system requirements for System Center 2012 Service Pack 1 (SP1).



## Note

The information presented here does not apply to System Center 2012 Configuration Manager. For those system requirements, see <http://go.microsoft.com/fwlink/p/?LinkId=248315>

## System Requirements topics

- [Operating Systems - Server](#)  
Describes the operating systems that are supported for System Center 2012 SP1 server components.
- [SQL Server](#)  
Describes the versions of Microsoft SQL Server software that are supported for System Center 2012 SP1 components
- [Operating Systems - Client](#)  
Describes the operating systems that are supported for System Center 2012 SP1 client components.
- [Self-Service Web Console Support](#)  
Describes the versions of Microsoft Silverlight and Internet Explorer that are supported with Self-Service Web Consoles in System Center 2012 SP1.
- [System Center 2012 Agents](#)  
Describes the operating system and SQL Server editions with which System Center 2012 SP1 agents work.
- [Windows PowerShell Support](#)  
Describes the version of The Windows PowerShell command-line interface that sc2012sp12\_short components support.
- [.NET Framework](#)  
Describes the version of the Microsoft.NET Framework that System Center 2012 SP1 components support.
- [Component Coexistence](#)  
Describes the coexistence possibilities for the System Center 2012 components.
- [Language Support for System Center 2012 SP1](#)  
Lists the languages supported in System Center 2012 SP1

## See Also

[Additional System Requirements: App Controller](#)

[Additional System Requirements: Data Protection Manager](#)

[Additional System Requirements: Operations Manager](#)

[Additional System Requirements: Orchestrator](#)

[Additional System Requirements: Service Manager](#)

[Additional System Requirements: Virtual Machine Manager](#)

## Operating Systems - Server

This topic lists the server operating systems that are supported for each System Center 2012 SP1 component.



### Note

As shown in the following table, the System Center 2012 SP1 version of the Virtual Machine Manager (VMM) management server requires the Windows Server 2012 operating system.

System Center 2012 SP1 server-side component	Windows Server 2008 R2 SP1 Standard, Enterprise, Datacenter	Windows Server 2012 Standard, Datacenter	Windows Server 2012 Core
App Controller Server	•	•	
DPM Database Server	•	•	•
DPM Remote Administrator	•	•	•
DPM Server	•	•	•
Operations Manager Management Server	•	•	•
Operations Manager Data Warehouse	•	•	•
Operations Manager Gateway Server	•	•	•
Operations Manager Operational Database	•	•	•
Operations Manager Reporting Server	•	•	•

<b>System Center 2012 SP1 server-side component</b>	<b>Windows Server 2008 R2 SP1 Standard, Enterprise, Datacenter</b>	<b>Windows Server 2012 Standard, Datacenter</b>	<b>Windows Server 2012 Core</b>
Orchestrator Management Server	•	•	
Orchestrator Runbook Server	•	•	
Orchestrator Web Service	•	•	
Service Manager Management Server	•	•	
Service Manager Data Warehouse Management Server	•	•	
Service Manager Database or Data Warehouse Database	•	•	
Service ManagerSelf- Service Portal (SharePoint Server and Web Content Server)	•		
Virtual Machine Manager Management Server		•	•
Virtual Machine Manager Virtual Machine Hosts	•	•	•
Virtual Machine Manager PXE Server	•	•	•
Virtual Machine Manager Update Server	•	•	•
Virtual Machine Manager Library	•	•	•
Service Provider Foundation API Web Server		•	•

# SQL Server

This topic lists the versions of Microsoft SQL Server that are supported for each System Center 2012 SP1 component.



## Note

The information presented here does not apply to System Center 2012 Configuration Manager. For those system requirements, see

<http://go.microsoft.com/fwlink/p/?LinkId=248315>

System Center 2012 SP1 component	SQL Server 2008 R2 SP1 Standard, Datacenter	SQL Server 2008 R2 SP2 Standard, Datacenter	SQL Server 2012 Enterprise, Standard (64-bit)	SQL Server 2012 SP1 Enterprise, Standard (64-bit)
App Controller Server	•	•	•	•
Data Protection Manager (DPM) Database Server	•	•	•	•
Operations Manager Data Warehouse	•	•	•	•
Operations Manager Operational Database	•	•	•	•
Operations Manager Reporting Server	•	•	•	•
Orchestrator Management Server	•	•	•	•
Service Manager Database or Data Warehouse Database	•	•	•	•
Virtual Machine Manager (VMM) Database Server	•	•	•	•

## SQL Server 2012 AlwaysOn Support

In System Center 2012 SP1, SQL Server 2012 AlwaysOn is supported in the following components:

- App Controller
- Operations Manager
- Orchestrator
- Service Manager
- VMM

SQL Server AlwaysOn is not supported with Data Protection Manager (DPM) and Configuration Manager.

A Word document describing SQL Server 2012 AlwaysOn can be found at [SQL Server 2012 AlwaysOn: Multisite Failover Cluster Instance](#).

## Operating Systems - Client

This topic lists the various client and server operating systems that are supported for each System Center 2012 SP1 component.

System Center Client-side Components	Windows 7	Windows 8	Windows Server 2008 R2 SP1	Windows Server 2012
App Controller Windows PowerShell Module	•	•	•	•
DPM Central Console	•	•	•	•
DPM Remote Administrator	•	•	•	•
Operations Manager Operations Console	•	•	•	•
Orchestrator Runbook Designer	•	•	•	•
Service Manager Console	•	•	•	•
VMM Console	•	•	•	•



## Self-Service Web Console Support

This topic lists the various Microsoft SilverLight and Internet Explorer versions that are supported for each Self-Service Web Console.

System Center Component	SilverLight 4	SilverLight 5	Internet Explorer 8	Internet Explorer 9	Internet Explorer 10
App Controller Web Client		•	•	•	•
Operations Manager Web Console		•	•	•	•
Orchestrator Web Console	•		•	•	•
Service Manager Self-Service Portal Console	•		•	•	•

## System Center 2012 Agents

This topic lists both Microsoft and non-Microsoft operating systems and versions of Microsoft SQL Server software, Microsoft Exchange, or Microsoft SharePoint that each System Center 2012 SP1 agent supports.

### Data Protection Manager Agent

- Windows Server 2003 SP2
- Windows 2008 Server
- Windows 2008 Server SP2
- Windows 2008 Server R2
- Windows 2008 Server R2 SP1
- Windows Server 2012
- Windows XP Pro x64 SP2
- Windows XP Pro SP32
- Windows Vista SP2
- Windows 7
- Windows 8
- SQL Server 2000

- SQL Server 2005
- SQL Server 2008 SP1
- SQL Server 2008 SP2
- SQL Server 2008 SP3
- SQL Server 2008 R2
- SQL Server 2008 R2 SP1
- SQL Server 2008 R2 SP2
- SQL Server 2012
- Exchange 2003
- Exchange 2007
- Exchange 2010
- Windows Sharepoint Services 3.0
- SharePoint 2007
- SharePoint 2010

## **Operations Manager Windows Agent**

- Windows Server 2003 SP2
- Windows 2008 Server SP2
- Windows 2008 Server R2
- Windows 2008 Server R2 SP1
- Windows Server 2012
- Windows XP Pro x64 SP2
- Windows XP Pro SP32
- Windows Vista SP2
- Windows XP Embedded Standard
- Windows XP Embedded Enterprise
- Windows XP Embedded POSReady
- Windows 7 Professional for Embedded Systems
- Windows 7 Ultimate for Embedded Systems
- Windows 7
- Windows 8

## **Virtual Machine Manager Guest Agent**

- Windows Server 2003 SP2
- Windows 2008 Server
- Windows 2008 Server SP2

- Windows 2008 Server R2
- Windows 2008 Server R2 SP1
- Windows Server 2012

## **Virtual Machine Manager Linux Guest Agent**

- Red Hat Enterprise Linux 5 (x86/x64)
- Red Hat Enterprise Linux 6 (x86/x64)
- SUSE Linux Enterprise Server 10 (x86/x64)
- SUSE Linux Enterprise Server 11 (x86/x64)
- CentOS 5 (x86/x64)
- CentOS 6 (x86/x64)
- Ubuntu Server 12.04 (x86/x64)

## **Operations Manager Linux/Unix Agent**

- HP-UX 11i V2 (PA-RISC and Itanium)
- HP-UX 11i V3 (PA-RISC and Itanium)
- Oracle Solaris 9 (SPARC)
- Oracle Solaris 10 (SPARC and x86)
- Oracle Solaris 11 (SPARC and x86)
- Red Hat Enterprises Linux 4 (x86/x64)
- Red Hat Enterprises Linux 5 (x86/x64)
- Red Hat Enterprises Linux 6 (x86/x64)
- SUSE Linux Enterprise Server 9 (x86)
- SUSE Linux Enterprise Server 10 (x86/x64)
- SUSE Linux Enterprise Server 11 (x86/x64)
- IBM AIX 5.3 (POWER)
- IBM AIX 6.1 (POWER)
- IBM AIX 7.1 (POWER)
- Cent OS 5 (x86/x64)
- Cent OS 6 (x86/x64)
- Debian 5 (x86/x64)
- Debian 6 (x86/x64)
- Ubuntu Server 10.04 (x86/x64)
- Ubuntu Server 12.04 (x86/x64)

# Windows PowerShell Support

This topic lists the versions of the Windows PowerShell command-line interface that is supported for each System Center 2012 SP1 component.

System Center Component	Windows PowerShell 2.0	Windows PowerShell 3.0
App Controller Windows Server		•
App Controller Windows PowerShell Module		•
Configuration Manager		•
DPM Database Server	•	•
DPM Central Console	•	•
DPM Remote Administrator	•	•
DPM Server	•	•
Operations Manager Management Server	•	•
Operations Manager Operations Server	•	•
Operations Manager Gateway Server	•	•
Operations Manager Windows Agent	•	•
Service Manager Console	•	•
Service Manager Management Server	•	•
Service Manager Data Warehouse Management Server	•	•
Virtual Machine Manager Management Server	•	•
Virtual Machine Manager Console		•
Service Provider Foundation API Web Server		•

## .NET Framework

This topic lists the various versions of the Microsoft .NET Framework that are supported for each System Center 2012 SP1 component.



### Note

The information presented here does not apply to System Center 2012 Configuration Manager. For those system requirements, see

<http://go.microsoft.com/fwlink/p/?LinkId=248315>

System Center 2012 SP1 component	.NET Framework 3.5 SP1	.NET Framework 4	.NET Framework 4.5
DPM Central Console		•	•
DPM Remote Administrator		•	•
DPM Server		•	•
Operations Manager Management Server		•	•
Operations Manager Data Warehouse Management Server		•	•
Operations Manager Gateway Server		•	•
Operations Manager Web Console	•	•	•
Operations Manager Reporting Server	•	•	•
Operations Manager Operations Console		•	•
Orchestrator Management Server	•		
Orchestrator Runbook Server	•		
Orchestrator Web Service	•	•	
Service Manager Management Server	•		

System Center 2012 SP1 component	.NET Framework 3.5 SP1	.NET Framework 4	.NET Framework 4.5
Service Manager Data Warehouse Management Server	•		
Service Manager console	•		
Service ManagerSelf-Service Portal (SharePoint Server and Web Content Server)		•	•
Virtual Machine Manager Console			•
Virtual Machine Manager Management Server		•	•
Service Provider Foundation API Web Server		•	•

## Component Coexistence

Some of the System Center 2012 SP1 components will not function properly if other components have been installed on the same computer. None of the following four components can exist on the same computer with each other:

- DPM Management Server
- Operations Manager Management Server
- Service Manager Management Server
- Service Manager Data Warehouse Management Server

Any of the remaining System Center 2012 components, App Controller, Orchestrator, and VMM can coexist with each other and with the four components in the previous list. Therefore, four computers is the minimum number of computers that you will need to deploy all of the System Center 2012 SP1 components.

## Language Support for System Center 2012 SP1

The information in the following table lists the languages locales that are supported in System Center 2012 SP1.

Windows Locale	LCID
Chinese Hong Kong	0xC04
Chinese Simplified	0x804
Chinese Taiwan	0x404
Czech (Czech Republic)	0x405
Dutch (Netherlands)	0x413
German	0x407
English	0x409
French	0x40C
Hungarian	0x40E
Italian	0x410
Japanese	0x411
Korean	0x412
Polish (Poland)	0x415
Portuguese (Brazil)	0x416
Portuguese (Portugal)	0x816
Russian	0x419
Spanish	0xC0A
Swedish (Sweden)	0x41D
Turkish (Turkey)	0x41F