

Microsoft software dependency guide

This brief applies to all Microsoft Volume Licensing programs.

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Summary

This brief provides Microsoft Volume Licensing program customers with a list of Microsoft software and the associated dependent Microsoft software licenses that are required to use that software. This is sometimes referred to as the “software stack.”

What’s New in this Brief

This brief replaces a previous version published in April 2012. Significant changes in this new version include updated references to Windows 8 and the addition of Microsoft Dynamics AX 2012.

Details

The information in this License Dependency Reference Guide can help you understand the licensing requirements of software used with one or more Microsoft licensed products. For example, to use Microsoft SQL Server database software, a server needs to be assigned both a SQL Server license and an operating system (the Windows Server operating system) license.

You should read this guide with the terms and conditions under which Microsoft products are licensed. If you acquire licenses under a Microsoft Volume Licensing program (for example, the Microsoft Enterprise Agreement [EA] or Microsoft Select Plus Agreement), you should refer to the Product Use Rights (PUR) for the products and the associated program agreement. The type and number of licenses required may vary based on how and where you deploy the software.

Information regarding Client Access Licenses (CALs) and External Connectors (ECs) is provided at the end of this document. In addition, more information is available in product documentation or online from either:

- ▶ <http://support.microsoft.com/select/?target=hub>
- ▶ <http://technet.microsoft.com/en-us/bb421517.aspx?wt.svl=techcentersflyout>

Microsoft software product license dependencies

How to Use the Table

Identify the product you want to license in the left-hand column under "Product." The right-hand "Dependency" column describes the software licenses that you need to be properly licensed to run the product and other products used with it. You have to acquire licenses for other software used with the product separately. Please note that both a desktop and a server operating system are listed as a dependency for some products. You may need to acquire only one of these based on your specific requirements.

Product	Dependency
Microsoft BizTalk Server 2010 Branch, Standard, and Enterprise Editions	Windows Server, SQL Server
For more information about BizTalk Server 2010, visit http://www.microsoft.com/biztalk/en/us/system-requirements.aspx	
Microsoft Commerce Server 2009 R2 Standard and Enterprise Editions	Windows Server, SQL Server
For more information about Commerce Server 2009 R2, visit http://www.microsoft.com/commerceserver/en/us/system-requirements.aspx	
Duet for Microsoft Office and SAP	Windows Server, SQL Server
For more information about Duet for Microsoft Office and SAP, visit http://office.microsoft.com/en-us/duet/FX101686211033.aspx	
Dynamics CRM 2011 Server	Windows Server, SQL Server, Microsoft Exchange Server (optional based on use scenario)
For more information about Dynamics CRM 2011, visit http://technet.microsoft.com/en-us/library/dd979161.aspx For the Implementation Guide, visit http://technet.microsoft.com/en-us/library/hh407323.aspx	
Exchange Server 2010 Enterprise Edition	Windows Server
Exchange Server 2010 Standard Edition	Windows Server
For more information about Exchange Server 2010, visit http://www.microsoft.com/exchange/en-us/exchange-server.aspx	
Microsoft Expression Encoder Professional 4 design software	Windows desktop operating system
Expression Studio 4 Ultimate	Windows desktop operating system

Microsoft software product license dependencies

Product	Dependency
Expression Studio 4 Web Professional	Windows desktop operating system, Windows Server
Forefront Identity Manager 2010	Windows Server, SQL Server
For more information about Forefront Identity Manager 2010, visit http://www.microsoft.com/forefront/identitymanager/en/us/system-requirements.aspx	

Forefront Threat Management Gateway 2010 Standard and Enterprise Editions	Windows Server
For more information about Forefront Threat Management Gateway 2010, visit http://www.microsoft.com/forefront/threat-management-gateway/en/us/system-requirements.aspx	

Microsoft MapPoint 2011 Fleet Edition (business mapping software)	Windows desktop operating system, Windows Server
MapPoint 2011 Standard Edition	Windows desktop operating system, Windows Server
MSDN developer program	Windows Server, Windows desktop operating system
Microsoft Access 2010 database software	Windows Server, Windows desktop operating system
For more information about Microsoft Office products, visit http://office.microsoft.com/en-us/products/microsoft-office-2010-system-requirements-HA101810407.aspx	

Lync Server 2010 Standard and Enterprise Editions	Windows Server, SQL Server
Lync Server 2010	Windows Server, Windows desktop operating system
Lync Online	Microsoft Lync
For more information about Lync Server 2010, visit http://technet.microsoft.com/en-us/library/gg398438.aspx NOTE: "Lync Server" is the new product name for the Office Communications Server (OCS) family of products. Lync Server 2010 Standard and Enterprise Editions are the new versions of OCS 2007 R2 Standard and Enterprise, respectively, and retain the same product dependencies on both Windows and SQL Server. Lync 2010 is the new version of the desktop Communicator application, Office Communicator 2007 R2, and retains the same product dependencies on Windows Server and Windows.	

Microsoft Office Excel 2010 spreadsheet software	Windows Server, Windows desktop operating system
Microsoft SharePoint Workspace 2010	Windows Server, Windows desktop operating system

Microsoft software product license dependencies

Product	Dependency
For more information about Microsoft Office products, visit http://office.microsoft.com/en-us/products/microsoft-office-2010-system-requirements-HA101810407.aspx	
Microsoft Groove Server 2010 Server Manager	Windows Server, SQL Server, Office Groove Server Relay (deployed on a separate server)
Groove Server 2010 Server Relay	Windows Server, Office Groove Server Manager (deployed on a separate server)
For more information about Office Groove Server 2010, visit http://office.microsoft.com/en-us/servers/groove-server-2010-features-and-benefits-HA101810271.aspx	
Microsoft InfoPath 2010 information-gathering program	Windows Server, Windows desktop operating system
Multi-Language Pack 2010	Windows Server, Windows desktop operating system
Microsoft Office Professional Plus 2010	Windows Server, Windows desktop operating system
Microsoft OneNote 2010 note-taking program	Windows Server, Windows desktop operating system
Microsoft Outlook 2010	Windows Server, Windows desktop operating system
Microsoft Outlook 2010 with Business Contact Manager	Windows Server, Windows desktop operating system
Microsoft PowerPoint 2010 presentation graphics program	Windows Server, Windows desktop operating system
Microsoft Project 2010 Professional and Standard Editions	Windows Server, Windows desktop operating system
Microsoft Publisher 2010	Windows Server, Windows desktop operating system
For more information about Microsoft Office products, visit http://office.microsoft.com/en-us/products/microsoft-office-2010-system-requirements-HA101810407.aspx%20%20	
Microsoft SharePoint Foundation Server	Windows Server, SQL Server
Microsoft SharePoint Server 2010	Windows Server, SQL Server
SharePoint Server for Internet Sites Standard and Enterprise Editions	Windows Server, SQL Server
Microsoft FAST Search Server 2010 for SharePoint	Windows Server, SQL Server

Microsoft software product license dependencies

Product	Dependency
Microsoft Search Server 2010 Express	Windows Server, SQL Server
For more information about Office SharePoint Server 2010, visit http://sharepoint.microsoft.com/en-us/Pages/default.aspx	
Microsoft Office Standard 2010	Windows Server, Windows desktop operating system
Microsoft Visio 2010 drawing and diagramming software Premium, Professional, and Standard Editions	Windows Server, Windows desktop operating system
Microsoft Office Word 2010	Windows Server, Windows desktop operating system
For more information about Microsoft Office products http://office.microsoft.com/en-us/products/microsoft-office-2010-system-requirements-HA101810407.aspx	
Microsoft Project Server 2010	Windows Server, SharePoint Server 2010, SQL Server
Microsoft Project Web Access 2007	Windows desktop operating system
For more information about Project Server 2010, visit http://www.microsoft.com/project/en/us/default.aspx	
SQL Server 2012 Express Edition	Windows Server, Windows desktop operating system
SQL Server 2012 Developer Edition	Windows Server, Windows desktop operating system
SQL Server 2012 Standard Edition	Windows Server, Windows desktop operating system
SQL Server 2012 Business Intelligence	Windows Server,
SQL Server 2012 Enterprise	Windows Server
SQL Server 2012 Web	Windows Server
For more information about SQL Server 2012, visit http://technet.microsoft.com/en-us/library/ms143506(v=sql.110).aspx	
Streets and Trips 2011	Windows Server, Windows desktop operating system
Microsoft AutoRoute 2011	Windows Server, Windows desktop operating system
System Center 2012 Configuration Manager	Windows Server
System Center 2012 Client Management Suite	Windows Server

Microsoft software product license dependencies

Product	Dependency
System Center 2012 Endpoint Protection	System Center 2012 Configuration Manager
For more information about System Center 2012, visit http://www.microsoft.com/systemcenter/en/us/configuration-manager/cm-system-requirements.aspx	
System Center Essentials 2010	Windows Server, SQL Server
System Center Essentials 2010 with SQL Server 2008 Technology	Windows Server
Data Protection Manager 2010 for System Center Essentials	Windows Server
For more information about System Center Essentials 2010, visit http://www.microsoft.com/systemcenter/en/us/essentials/sce-system-requirements.aspx	
System Center 2012 Standard and Datacenter	Windows Server
For more information about System Center 2012, visit http://technet.microsoft.com/en-us/library/hh546785.aspx	
Microsoft Dynamics AX 2012	Windows Server, SQL Server
For more information about Microsoft Dynamics AX 2012, visit http://www.microsoft.com/en-us/dynamics/erp-ax-overview.aspx	
Windows 8 Pro Desktop Operating System Upgrade	Qualified Windows desktop operating system from an original equipment manufacturer (OEM), retail full package product (FPP), or through the Get Genuine Windows Agreement (GGWA).
Virtual Desktop Access	Windows Server (depending on deployment)
Microsoft Desktop Optimization Pack	Software Assurance for Windows, Windows Virtual Desktop Access (VDA) subscription license, or Windows Intune
For more information about Windows 8 licensing, visit http://www.microsoft.com/licensing/about-licensing/windows8.aspx	
For information about Get Genuine Windows Agreement, visit http://www.microsoft.com/piracy/knowthefacts/legalizationsolutions.aspx	
Microsoft Visual Studio 2010 Professional development system	Windows Server, Windows desktop operating system

Microsoft software product license dependencies

Product	Dependency
Visual Studio 2010 Premium	Windows Server, Windows desktop operating system, Microsoft Office
Visual Studio 2010 Ultimate	Windows Server, Windows desktop operating system, Microsoft Office
Visual Studio 2010 Test Professional	Windows Server, Windows desktop operating system
Visual Studio 2010 Team Foundation Server with SQL Server 2008 Technology	Windows Server

Client Access License/External Connector Dependencies

Some CALs/External Connectors for Microsoft software require that you have CALs/ECs for certain other functionality/software for you to be properly licensed.

Please refer to the following table for a comprehensive list.

Additive CALs	Base CALs
Windows Server 2012 Active Directory Rights Management Services CAL	Windows Server CAL or Core CAL Suite
Windows Server 2012 Remote Desktop Services CAL	Windows Server CAL or Core CAL Suite or Enterprise CAL Suite
Dynamics CRM 2011 Limited Use Additive CAL Dynamics CRM 2011 Full Use Additive CAL	Dynamics CRM 2011 Employee Self Service (ESS) CAL
Exchange Server 2010 Enterprise CAL	Exchange Server 2010 Standard CAL, or Core CAL Suite, or Windows SBS 2008 CAL Suite (for any user or device that is accessing instances of the server software that are within an SBS domain), or Windows SBS 2008 CAL Suite for Premium Users or Devices (for any user or device that is accessing instances of the server software that are within an SBS domain), or Windows EBS 2008 CAL Suite (for any user or device that is accessing instances of the server software that are within an EBS domain), or Windows EBS 2008 CAL Suite for Premium Users or Devices (for any user or device that is accessing instances of the server software that are within an EBS domain)
Lync Server Enterprise CAL	Lync Server 2010 Standard CAL
Lync Server 2010 Plus CAL	Lync Server 2010 Standard CAL

Microsoft software product license dependencies

SharePoint Server 2010 Enterprise CAL	SharePoint Server 2010 Standard CAL or Core CAL Suite
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Additive External Connectors	Base External Connectors
Windows Server 2012 Active Directory Rights Management Services External Connector	Windows Server External Connector
Windows Server 2012 Remote Desktop Services External Connector	Windows Server External Connector
Dynamics CRM 2011 Full Use Additive External Connector	Dynamics CRM 2011 Limited External Connector
Lync Server Enterprise External Connector	Lync Server Standard External Connector
Lync Server Enterprise Plus Connector	Lync Server Standard External Connector

For More Information

Please direct any questions regarding the information presented here to your Microsoft reseller.

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