

Microsoft software dependency guide

This brief applies to all Microsoft Volume Licensing programs.

Table of contents

Summary	1
What's new in this brief	1
Details	1
How to use the table	2
Client Access License/External Connector Dependencies	6
For more information	6

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 2014. It has been updated to reflect current product versions as of December 2015.

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 or Microsoft Select Plus Agreement), you should refer to the Product Terms 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 of the following websites:

- ▶ <http://support.microsoft.com/select/?target=hub>
- ▶ <https://technet.microsoft.com/en-us/library/aa991542.aspx>

Microsoft software product license dependencies

How to use the table

Identify the product that 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
Advanced Threat Analytics 2016	Windows Server
For more information about Advanced Threat Analytics 2016, visit https://technet.microsoft.com/en-US/library/dn707709.aspx	

Microsoft BizTalk Server 2013 R2 Branch, Branch IDC, Developer, Standard, Standard IDC, and Enterprise Editions	Windows Server Microsoft SQL Server
For more information about BizTalk Server 2013 R2, visit http://msdn.microsoft.com/en-us/library/jj248697(v=bts.80).aspx	

Microsoft Dynamics CRM 2016 Server	Windows Server SQL Server Microsoft Exchange Server (optional based on use scenario) Microsoft SharePoint Server (optional based on use scenario)
For more information about Microsoft Dynamics CRM 2016, visit http://technet.microsoft.com/en-us/library/jj992623.aspx	

Exchange Server 2016 Enterprise Edition	Windows Server
Exchange Server 2016 Standard Edition	Windows Server
For more information about Exchange Server 2016, visit https://products.office.com/en-us/exchange/microsoft-exchange-server-2016	

Microsoft Identity Manager 2016	Windows Server SQL Server
Microsoft Forefront Identity Manager 2010 R2	Windows Server SQL Server
For more information about Microsoft Identity Manager 2016, visit https://technet.microsoft.com/en-US/library/mt150255.aspx	
For more information about Forefront Identity Manager 2010 R2, visit http://technet.microsoft.com/en-us/library/hh332708(v=ws.10).aspx	

Microsoft software product license dependencies

Product	Dependency
MSDN developer program	Windows Server Windows desktop operating system
Microsoft Access 2016 database software	Windows Server Windows desktop operating system
For more information about Microsoft Office products, visit https://products.office.com/en-US/office-system-requirements	

Skype for Business Server 2015	Windows Server SQL Server
Skype for Business 2015	Windows Server Windows desktop operating system
Skype for Business Online	Skype for Business 2015
For more information about Skype for Business Server 2015, visit https://products.office.com/en-US/office-system-requirements	

Microsoft Excel 2016 spreadsheet software	Windows Server Windows desktop operating system
For more information about Microsoft Office products, visit https://products.office.com/en-US/office-system-requirements	

Microsoft InfoPath 2013 information-gathering program	Windows Server Windows desktop operating system
Microsoft Office Professional Plus 2016	Windows Server Windows desktop operating system
Microsoft OneNote 2016 note-taking program	Windows Server Windows desktop operating system
Microsoft Outlook 2016	Windows Server Windows desktop operating system
Microsoft PowerPoint 2016 presentation graphics program	Windows Server Windows desktop operating system
Microsoft Project 2016 Professional and Standard Editions	Windows Server Windows desktop operating system
Microsoft Publisher 2016	Windows Server Windows desktop operating system
For more information about Microsoft Office products, visit https://products.office.com/en-US/office-system-requirements	

Microsoft software product license dependencies

Product	Dependency
Microsoft SharePoint Foundation Server	Windows Server SQL Server
Microsoft SharePoint Server 2013	Windows Server SQL Server
For more information about SharePoint Server 2013, visit http://sharepoint.microsoft.com/en-us/Pages/default.aspx	

Microsoft Office Standard 2016	Windows Server Windows desktop operating system
Microsoft Visio 2016 drawing and diagramming software Premium, Professional, and Standard Editions	Windows Server Windows desktop operating system
Microsoft Word 2016	Windows Server Windows desktop operating system
For more information about Microsoft Office products, visit https://products.office.com/en-US/office-system-requirements	

Microsoft Project Server 2013	Windows Server SharePoint Server SQL Server
Microsoft Office Audit and Control Management Server 2013	Windows Server
For more information about Project Server 2013, visit http://www.microsoft.com/project/en/us/default.aspx	
For more information about Microsoft Office Audit and Control Management Server 2013, visit http://technet.microsoft.com/EN-US/library/dn261232.aspx	

SQL Server 2014 Express Edition	Windows Server Windows desktop operating system
SQL Server 2014 Developer Edition	Windows Server Windows desktop operating system
SQL Server 2014 Standard Edition	Windows Server Windows desktop operating system
SQL Server 2014 Business Intelligence	Windows Server
SQL Server 2014 Enterprise	Windows Server
SQL Server 2014 Web	Windows Server
For more information about SQL Server 2012, visit https://msdn.microsoft.com/en-us/library/ms143506(v=sql.120).aspx	

Microsoft software product license dependencies

Product	Dependency
System Center 2012 R2 Configuration Manager	Windows Server
System Center 2012 R2 Client Management Suite	Windows Server
System Center 2012 R2 Endpoint Protection	System Center 2012 R2 Configuration Manager
For more information about System Center 2012 R2, visit http://www.microsoft.com/en-us/server-cloud/products/system-center-2012-r2/	

System Center 2012 R2 Standard and Datacenter	Windows Server
For more information about System Center 2012 R2, visit http://www.microsoft.com/en-us/server-cloud/products/system-center-2012-r2/	

Microsoft Dynamics AX 2012 R3	Windows Server SQL Server
For more information about Microsoft Dynamics AX 2013 R3, visit https://technet.microsoft.com/en-us/library/gg852966.aspx	

Windows 10 Pro Upgrade or Windows 10 Enterprise 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).
Windows Virtual Desktop Access	Windows Server (depending on deployment)
For more information about Windows 10 licensing, visit http://www.microsoft.com/en-us/Licensing/product-licensing/windows10.aspx	
For information about Get Genuine Windows Agreement, visit http://www.microsoft.com/en-us/piracy/knowthefacts/default.aspx	

Microsoft Visual Studio Professional 2015	Windows Server Windows desktop operating system
Visual Studio Professional 2015 with MSDN	Windows Server Windows desktop operating system,
Visual Studio Enterprise 2015 with MSDN	Windows Server Windows desktop operating system, Microsoft Office
Visual Studio Test Professional 2015 with MSDN	Windows Server Windows desktop operating system
Visual Studio Team Foundation Server 2015 with SQL Server 2014 Technology	Windows Server
For more information about Microsoft Visual Studio 2015, visit https://www.visualstudio.com/en-us/visual-studio-homepage-vs.aspx https://products.office.com/en-US/office-system-requirements	

Microsoft software product license dependencies

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 2016 Basic Use Additive CAL Dynamics CRM 2016 Professional Use Additive CAL	Dynamics CRM 2016 Essential CAL
Dynamics AX 2012 R3 Task Additive CAL Dynamics AX 2012 R3 Functional Additive CAL Dynamics AX 2012 R3 Enterprise Additive CAL	Dynamics AX 2012 R3 Self Serve CAL
Exchange Server 2016 Enterprise CAL	Exchange Server 2016 Standard CAL or Core CAL Suite or Enterprise CAL Suite
Skype for Business Server 2015 Enterprise CAL	Skype for Business Server 2015 Standard CAL or Core CAL Suite or Enterprise CAL Suite
Skype for Business Server 2015 Plus CAL	Skype for Business Server 2015 Standard CAL or Core CAL Suite or Enterprise CAL Suite
SharePoint Server 2013 Enterprise CAL	SharePoint Server 2013 Standard CAL or Core CAL Suite or Enterprise CAL Suite

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

For more information

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

© 2015 Microsoft Corporation. All rights reserved.

This document is for informational purposes only. MICROSOFT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, IN THIS DOCUMENT. This information is provided to help guide your authorized use of products you license; it is not your agreement. Your use of products licensed under your volume license agreement is governed by the terms and conditions of that agreement. In the case of any conflict between this information and your agreement, the terms and conditions of your agreement control. Prices for licenses acquired through Microsoft resellers are determined by the reseller.