

System Requirements for Microsoft Dynamics® SL 2011 Web Applications

Overview

This document contains the recommended requirements for Business Portal for Microsoft Dynamics SL 2011 and Web Services supported by the Microsoft Dynamics® SL Technical Support Team. The requirements and recommendations are based on experience with many different installations. Users may need to increase these requirements due to environmental factors to achieve individual performance expectations.

Business Portal Requirements

Item	Requirements
	X64
Operating System	<ul style="list-style-type: none">• Microsoft Windows Server 2012 Standard Edition R2• Microsoft Windows Server 2008 Standard or Enterprise SP2 Edition• Microsoft Windows Server 2008 Standard or Enterprise R2 SP1 Edition• Azure - Windows Server 2008 R2 Standard Edition• Azure - Windows Server 2008 R2 DataCenter edition**• Azure – Windows Server 2012 R2 Standard Edition• Azure – Windows Server 2012 R2 DataCenter Edition**
Processor	Quad core or higher
Available Hard Disk Space	200 MB of available hard disk space in addition to what is required for the operating system, prerequisites, and other programs on the workstation
Minimum Available RAM	8 GB or more
Windows SharePoint	<ul style="list-style-type: none">• Windows SharePoint Foundation 2013 (in SharePoint 2010 compatibility mode)• Windows SharePoint Foundation 2010• Windows SharePoint Server 2013 Enterprise Edition• Windows SharePoint Server 2010 SP2 Enterprise Edition
Internet Explorer	Internet Explorer 8.0 (32-bit version), 9.0* (32-bit version), 10.0* (32-bit version), or 11.0* (32-bit version), Edge***
Virtual Environments Supported (optional)	Windows Server 2012 Standard Edition R2 Hyper-V Windows Server 2012 Standard Edition Windows Server 2008 R2 SP1 Hyper-V

NOTES

- * Internet Explorer 9.0, 10.0, and 11.0 are supported on Microsoft Dynamics SL 2011 FP1 or later.
- **Windows Server 2008 R2 DataCenter edition and Windows Server 2012 R2 DataCenter edition require hot fix [2892913](#) to support Business Portal installations on SharePoint 2010.
- ***Business Portal is not compatible with the Edge browser in Microsoft Windows 10.
- If you use Report Scheduler, a Microsoft Dynamics SL client must be installed on the Business Portal server. Application Server must be installed and running but it does not need to be running on the

Business Portal server.

- When you deploy a system in a virtual environment, make sure that you have sufficient hard disk space to avoid performance problems. Each computer that you deploy in a virtual environment should meet or exceed the random access memory (RAM) requirements and the hard disk space requirements. For more information, click the following article number to view the article in the Microsoft Knowledge Base: [897615](#) Support policy for Microsoft software running in non-Microsoft hardware virtualization software.

Project Connector Requirements

Item	Requirements
	X64
Operating System	<ul style="list-style-type: none"> Microsoft Windows Server 2008 Standard or Enterprise R2 Edition Microsoft Windows Server 2008 Standard or Enterprise R2 SP1 Edition
Processor	Quad core or higher
Available Hard Disk Space	200 MB of available hard disk space in addition to what is required for the operating system, prerequisites, and other programs on the workstation
Minimum Available RAM	8 GB or more
Microsoft Dynamics SL	<ul style="list-style-type: none"> Microsoft Dynamics SL 2011 Service Pack 1 or later Microsoft Dynamics SL 2011 Business Portal Service Pack 1 or later (if using Business Portal)
Microsoft Project	<ul style="list-style-type: none"> Microsoft Project Server 2010 or later <ul style="list-style-type: none"> It is recommended to install SharePoint Server 2010 as a Server Farm installation, do not install as the standalone option as the bundled SQL Server is not supported for Project Connector installations. The PWA website must be created and provisioned before installing Project Connector. See the Project Server 2010 documentation for setup instructions. <p>Note: The Project Server Reporting database must reside in the same instance of SQL Server as the Published and Draft databases. If you created the Reporting database on a different database server, move it to the same server as the Published database (or move Published and Draft databases to the Reporting database server) <i>before</i> you begin installing Project Connector components.</p> <ul style="list-style-type: none"> Service Pack 2 for Project Server 2010 (download from support.microsoft.com/kb/2687452) Service Pack 1 for Project Server 2010 (download from http://support.microsoft.com/kb/2460047) Cumulative updates for Project Server 2010 (download from http://support.microsoft.com/kb/2553049 (August 2011 or later update) <p>Note: If Service Pack 2 or later is available, you should install SP2 instead of the October cumulative update.</p> <ul style="list-style-type: none"> Project Professional 2010 If you use Project Professional 2010 as a client for Project Server 2010 (recommended), install the following: <ul style="list-style-type: none"> (Recommended) The workstations where Project Professional 2010 clients are installed (install components) Service Pack 1 for Project Professional 2010 (download from http://support.microsoft.com/kb/2460052) August hotfix package for Project Professional 2010 (download from http://support.microsoft.com/kb/2584056)

	Note: If Service Pack 2 or later is available, you should install SP2 instead of the August hotfix package.
Internet Explorer	Internet Explorer 8.0 (32-bit version), 9.0* (32-bit version) 10.0* (32-bit version), or 11.0* (32-bit version), Edge
Virtual Environments Supported (optional)	Windows Server 2012 Standard Edition R2 Hyper-V Windows Server 2012 Standard Edition Hyper-V Windows Server 2008 R2 SP1 Hyper-V
NOTES <ul style="list-style-type: none"> * Internet Explorer 9.0, 10.0, and 11.0 are supported on Microsoft Dynamics SL 2011 FP1 or later. When you deploy a system in a virtual environment, make sure that you have sufficient hard disk space to avoid performance problems. Each computer that you deploy in a virtual environment should meet or exceed the random access memory (RAM) requirements and the hard disk space requirements. For more information, click the following article number to view the article in the Microsoft Knowledge Base: 897615 Support policy for Microsoft software running in non-Microsoft hardware virtualization software. 	

Web Services Requirements

Item	Requirements	
	X86	X64
Operating System	<ul style="list-style-type: none"> Microsoft Windows Server 2008 Standard or Enterprise Edition SP2 	<ul style="list-style-type: none"> Microsoft Windows Server 2012 Standard Edition R2 Microsoft Windows Server 2012 Standard Edition Microsoft Windows Server 2008 Standard or Enterprise Edition R2 SP1 Microsoft Windows Server 2008 Standard or Enterprise Edition SP2
Processor	1 Dual Core 2.6 GHz or higher	
Available Hard Disk Space	50 MB of available hard disk space in addition to what is required for the operating system, prerequisites, and other programs on the workstation	
Minimum Available RAM	2 GB or more	
Web server pre-requisites	<ul style="list-style-type: none"> Internet Information Services (IIS) 7.0 or later Windows Process Activation Service (WAS) server feature and all subfeatures .NET Framework 3.5 SP1 or later WCF Activation server feature and HTTP Activation subfeature 	

Virtual Environments Supported (optional)	Windows Server 2012 Standard Edition R2 Hyper-V Windows Server 2012 Standard Edition Hyper-V Windows Server 2008 R2 SP1 Hyper-V
NOTES: <ul style="list-style-type: none"> Web Services require Dynamics SL 2011 or later be installed. 	

Mobile Device Server Requirements

Item	Requirements	
	X86	X64
Operating System	<ul style="list-style-type: none"> Microsoft Windows Server 2008 Standard or Enterprise Edition SP2 	<ul style="list-style-type: none"> Microsoft Windows Server 2012 Standard Edition R2 Microsoft Windows Server 2012 Standard Edition Microsoft Windows Server 2008 Standard or Enterprise Edition R2 SP1 Microsoft Windows Server 2008 Standard or Enterprise Edition SP2
Processor	1 Dual Core 2.6 GHz or higher	
Available Hard Disk Space	50 MB of available hard disk space in addition to what is required for the operating system, prerequisites, and other programs on the workstation	
Minimum Available RAM	2 GB or more	
Mobile Device Server pre-requisites	<ul style="list-style-type: none"> .NET Framework 4.5 (not Client Profile) Internet Information Services (IIS) 7.0 or later ASP.Net 4.5 HTTP Activation Secure Sockets Layer 	
Virtual Environments Supported (optional)	Windows Server 2008 R2 SP1 Hyper-V, Windows Server 2012 Standard Edition R2, Windows Server 2012 Standard Edition	

NOTES

- Microsoft Dynamics SL 2011 Web Apps CU1 requires Dynamics SL 2011 SP2.
- When using Microsoft Dynamics SL 2011 Web Apps CU1 on most devices that contain a camera, you can take a picture and attach it to an expense report. This does not apply to the Windows Surface device. On Windows Surface, you must take the picture before you begin to create an attachment.
- When using Microsoft Dynamics SL 2011 Web Apps CU1, the Windows Phone device does not support uploading attachments.
- Project Time Entry for mobile devices requires Dynamics SL 2011 FP1.
- Project Time Entry for mobile devices requires two hot fixes to be installed if running Dynamics SL 2011 FP1. They include HF25774WS and HF25835TM.

Mobile Device Client Requirements

Item	Requirements
Supported device environments	<ul style="list-style-type: none">• Windows Phone 7.5-7.8• Surface Tablet RT/Pro• Android 4.0• iOS release 6
Web Browsers	<ul style="list-style-type: none">• Web browsers that support HTML5 (IE 10.0 or later)

Additional Information

- This document represents configurations tested by Microsoft Business Solutions and supported by Microsoft Dynamics SL Technical Support. Use of technologies not specified in this document is not recommended and will not be supported. Testing is ongoing and as newer technologies become supported, this list will be updated.
- To view the system requirements for the back office applications, refer to the [Microsoft Dynamics SL 2011 System Requirements](#).

Support Information

For technical support questions, contact your partner or, if enrolled in a support plan directly with Microsoft, you can enter a new support request to Microsoft Dynamics® Technical Support from CustomerSource or PartnerSource under **Support >> New Support Request**.