

Prerequisites

Detailed requirements for the Windows Servicing Suite

The table below identifies the system requirements for servers that will host the Windows Servicing Suite components (databases, web sites and services) and its client agents.

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- [Detailed requirements for the Windows Servicing Suite](#)
- [Detailed requirements for the Windows Servicing Suite installer](#)

Category	Product	Notes
Server OS	Windows Server 2019 Windows Server 2016	
Client OS	Windows 10 CB 1909 Windows 10 CB 1903 Windows 10 CB 1809 Windows 10 CB 1803 Windows 10 CB 1709	<p>The client agents included in the Windows Servicing Suite are supported on these OS.</p> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <p>i The list in the Product column is automatically updated to show only those OS versions in mainstream support by Microsoft, and therefore supported by 1E, and by Windows Servicing Suite 4.1. However the following OS continue to be supported as exceptions to help customers with their migration to the latest OS:</p> <ul style="list-style-type: none"> • Windows 7 SP1 <p>Please refer to Constraints of Legacy OS regarding end of mainstream support.</p> <p>For Microsoft product lifecycle details, please refer to https://support.microsoft.com/en-us/lifecycle/search.</p> <p>Please refer to https://1eportal.force.com/s/support-for-msft-rapid-release-cycle for details of which Current Branch versions are supported by 1E products, and known issues regarding specific versions.</p> </div>
Database servers	SQL Server 2016 SP2 SQL Server 2017	The Windows Servicing Suite requires a number of databases, depending on the features implemented. These databases are supported.
Configuration Manager	SCCM CB 1910 SCCM CB 1906 SCCM CB 1902 SCCM CB 1810	<p>The Windows Servicing Suite is supported on these versions of Configuration Manager.</p> <p>When using Configuration Manager CB 1906 or later, download and apply the latest Accumulated Hotfix for 1EClient</p>

Web servers	IIS 10	<p>The Windows Servicing Suite implements a number of web sites depending on the features selected. These Web servers are supported.</p> <p>The following Windows Server Roles and Features are required on the web servers hosting the Windows Servicing Suite web sites. If this is a custom installation not all roles may be required. Refer to the individual product prerequisites for more details. You may be prompted for source media. If so, provide the path to your server installation media \Sources\sxs folder.</p> <table border="1" data-bbox="756 344 1281 800"> <thead> <tr> <th>Name – Server manager</th> <th>PowerShell Name</th> </tr> </thead> <tbody> <tr> <td>Web Server (IIS)</td> <td>Web-Server</td> </tr> <tr> <td>HTTP Redirection</td> <td>Web-Http-Redirect</td> </tr> <tr> <td>Dynamic Content Compression</td> <td>Web-Dyn-Compression</td> </tr> <tr> <td>Windows Authentication</td> <td>Web-Windows-Auth</td> </tr> <tr> <td>.NET Extensibility 3.5</td> <td>Web-Net-Ext</td> </tr> <tr> <td>.NET Extensibility 4.6/4.7</td> <td>Web-Net-Ext45</td> </tr> <tr> <td>ASP.NET 3.5</td> <td>Web-Asp-Net</td> </tr> <tr> <td>ASP.NET 4.6/4.7</td> <td>Web-Asp-Net45</td> </tr> <tr> <td>WebSocket Protocol</td> <td>Web-WebSockets</td> </tr> </tbody> </table> <p>To add the roles and features using PowerShell, execute the following command from an elevated PowerShell prompt:</p> <pre data-bbox="756 890 1463 1167">Install-WindowsFeature Web-Server , Web-Http-Redirect , Web-Dyn-Compression , Web-Windows-Auth , Web-Net-Ext , Web-Net-Ext45 , Web-Asp-Net , Web-Asp-Net45 , Web-WebSockets</pre> <p>When running the above command, if you receive an error that contains "The source files could not be downloaded" you will need to supply the source path to your Windows Server OS installation media \Sources\sxs folder.</p> <p>Append "-source X:\Sources\sxs" or "-source \\Server\Path\Source\sxs" to the command line (adjusted for your drive letter or UNC path).</p> <pre data-bbox="756 1350 1463 1654">Install-WindowsFeature Web-Server , Web-Http-Redirect , Web-Dyn-Compression , Web-Windows-Auth , Web-Net-Ext , Web-Net-Ext45 , Web-Asp-Net , Web-Asp-Net45 , Web-WebSockets , MSMQ-Server -source X:\Sources\sxs</pre>	Name – Server manager	PowerShell Name	Web Server (IIS)	Web-Server	HTTP Redirection	Web-Http-Redirect	Dynamic Content Compression	Web-Dyn-Compression	Windows Authentication	Web-Windows-Auth	.NET Extensibility 3.5	Web-Net-Ext	.NET Extensibility 4.6/4.7	Web-Net-Ext45	ASP.NET 3.5	Web-Asp-Net	ASP.NET 4.6/4.7	Web-Asp-Net45	WebSocket Protocol	Web-WebSockets
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Runtime libraries	.NET Framework 4.7 .NET Framework 4.6.2 .NET Framework 4.6.1																					
Browsers	Google Chrome Internet Explorer 11 Microsoft Edge Mozilla Firefox	The Windows Servicing Suite provides web-based administration for the SLA platform, the 1E Catalog, Shopping and a web-based user interface for Shopping. These interfaces are supported on these browsers.																				

<p>Others</p>	<ol style="list-style-type: none"> MSDTC MSMQ Companion products 	<ol style="list-style-type: none"> Enable the following MSDTC security settings on the server running the Configuration Manager database and the ActiveEfficiency database. <div data-bbox="797 205 1446 915" style="border: 1px solid gray; padding: 5px; margin: 10px 0;"> </div> Microsoft Server Messaging Queue (MSMQ) is required on the server running ActiveEfficiency to support the Nomad Dashboard, Nomad Precaching and Wake peers for content features. The Windows Servicing Assistant has a dependency on these companion products: <ul style="list-style-type: none"> Nomad 7.0 or later as it is required to manage content and storage of user state using custom Task Sequence steps that are implemented with Nomad Application Migration 3.1 to enable the Windows Servicing Assistant to migrate applications. <div data-bbox="842 1171 1463 1283" style="border: 1px solid yellow; padding: 5px; margin-top: 10px;"> Please note this version of WSS will install Tachyon 5.1 and Application Migration 3.1, the link will display the documentation for Application Migration 3.1. </div>
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Detailed requirements for the Windows Servicing Suite installer

The table below identifies the system requirements for running the Windows Servicing Suite Installer. Typically, the Installer will be run on a server that will host one or more of the Windows Servicing Suite components, but can be run from a completely separate system as it remotely installs the components on the servers you specify during installation.

Category	Product	Notes
Server OS	Windows Server 2019 Windows Server 2016	You can install the Windows Servicing Suite on systems running these server OS.
Client OS	Windows 10 CB 1809 Windows 10 CB 1903 Windows 10 CB 1909 Windows 10 CB 2004	We do not support installations on client OS.
Database servers	SQL Server 2019 SQL Server 2017 SQL Server 2016 SP2	SQL server is not required on the system running the installer. Servers that host the Windows Servicing Suite databases must meet the SQL server requirements the Windows Servicing Suite.

Configuration Manager	SCCM CB 2006 SCCM CB 2002 SCCM CB 1910 SCCM CB 1906	Configuration Manager is not required on the system running the installer. However, systems running the installer must have network access to a Configuration Manager site server that meet the requirements for the Windows Servicing Suite. The user running the installer must have full Configuration Manager administration rights on that server.
Web servers	IIS 10	A Web server is not required on the system running the installer. Servers that host the Windows Servicing Suite Web sites must meet the Web server requirements for the Windows Servicing Suite.
Runtime libraries	.NET Framework 4.8 .NET Framework 4.7.2 .NET Framework 4.7.1	The installer uses this runtime library.
Browsers	Google Chrome Microsoft Edge (Chromium) Mozilla Firefox	There is no dependency on browsers.