

Suite	Additional Products & Utilities							
V10.1 Platform Specifications that are supported	Exchange	aspenONE Client	Aspen Infrastructure - Product Installation	Software License Manager (SLM) <sup>2</sup>	aspenONE Update Center	aspenONE Integration Foundation	Aspen Reporting Framework 64-bit	Aspen Framework Server (AFW)
<b>Operating Systems (64-bit only)</b>								
Windows 10 Anniversary (2nd LTSB) Enterprise & Professional (64-bit)	✓	✓	✓	✓	✓	✓		
Windows 10 Enterprise & Professional (64-bit)	✓	✓	✓	✓	✓	✓		
Windows 8.1 Update 1 Enterprise & Professional (64-bit)	✓	✓	✓	✓	✓	✓		
Windows 7 Enterprise & Professional SP1 (64-bit)	✓	✓	✓	✓	✓	✓		
Windows Server 2016	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2012 R2	✓ <sup>1</sup>	✓	✓	✓	✓	✓	✓	✓
Windows Server 2008 R2 SP1	✓	✓	✓	✓	✓	✓	✓	✓
Safari on iOS 10+ for iPad Support		✓						
<b>Microsoft Office</b>								
Office 365 (Desktop/Click-to-run)			✓					
Office 2016 (64-bit)								
Office 2016 (32-bit)			✓					
Office 2013 SP1 (32-bit)			✓					
Office 2010 SP2 (32-bit)			✓					
<b>Database Servers</b>								
Microsoft SQL Server 2016 SP1 (Enterprise/Standard Edition)	✓		✓			✓	✓	✓
Microsoft SQL Server 2016 SP1 (Express Edition)			✓					
Microsoft SQL Server 2014 SP2 (Enterprise/Standard Edition)	✓		✓			✓	✓	✓
Microsoft SQL Server 2014 SP2 (Express Edition)			✓					
Microsoft SQL Server 2012 SP2 (Enterprise/Standard Edition)	✓		✓			✓	✓	✓
Microsoft SQL Server 2012 SP2 (Express Edition)			✓					
Microsoft SQL Server 2008 R2 SP3 (Enterprise/Standard Edition)	✓		✓			✓	✓	✓
Microsoft SQL Server 2008 R2 SP3 (Express Edition)			✓					
SQL Server Local DB			✓					
SQL Server 2012 Analysis Services							✓	✓
SQL Server 2008 R2 Analysis Services							✓	✓
Oracle Database 12.1.0.2	✓	✓				✓		
Oracle Database 11.2.0.4	✓	✓				✓		

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<b>Database Clients</b>								
Microsoft SQL Server 2016 SP1 (Express Edition)						✓		
Microsoft SQL Server 2014 SP2 (Express Edition)						✓		
Microsoft SQL Server 2012 SP2 (Express Edition)						✓		
Microsoft SQL Server 2008 R2 SP3 (Express Edition)						✓		
Oracle Client 12.1.0.2 32-bit						✓		
Oracle Client 11.2.0.4 32-bit						✓		
Oracle Client 12.1.0.2 64-bit						✓		
Oracle Client 11.2.0.4 64-bit						✓		
<b>Runtimes</b>								
.NET Framework 4.6.2	✓	✓	✓	✓	✓	✓	✓	✓
.NET Framework 3.5			✓	✓	✓			
32-bit Java 8 JRE update 91			✓					
32-bit Java 8 JDK update 91			✓					
64-bit Java 8 JRE update 91			✓					
64-bit Java 8 JDK update 91			✓					
MSXML 6			✓	✓		✓	✓	✓
Silverlight 5			✓					
Flash 10 and higher	✓							
Visual Studio 2010 Tools for Office Runtime			✓					
<b>Virtualization</b>								
Microsoft App-V 5.1			✓					
Microsoft Hyper-V (Server)	✓	✓	✓	✓		✓	✓	✓
VMware ESX Server 6.0 (Server)	✓	✓	✓	✓		✓	✓	✓
Microsoft Terminal Services (Desktop)	✓	✓	✓	✓				
Citrix XenApp 7.9 (Desktop)	✓	✓	✓					

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<b>Web Browsers</b>								
Internet Explorer 11	✓	✓			✓			
Google Chrome Evergreen Version 55+		✓						
Safari on iOS 10+ for iPad Support		✓						
<b>Security Frameworks</b>								
Aspen Framework (AFW) 5						✓		
Non-Domain Security Group			✓					
Microsoft Active Directory / Active Directory Domain Services			✓					
<b>Java App (Servers)</b>								
Apache Tomcat 8.0.35			✓					
WebLogic 12c								
<b>Web Servers</b>								
IIS 8.5	✓	✓	✓			✓		
IIS 7.5	✓	✓	✓			✓		
Apache HTTP Server 2.2.xx	✓	✓	✓					
<b>Reporting Services</b>								
Microsoft Report Viewer 2010 SP1			✓					
Microsoft SQL Server 2012/2014/2016 Reporting Services								
Microsoft SQL Server 2008 R2 Reporting Services								
Crystal Reports 8.5			✓					
Crystal Reports 11			✓					
<b>Malware Blocking Features</b>								
EMET 5.5						✓		
DEP						✓		
<b>Integration/Messaging Components</b>								
Aspen Supply Chain Connect								
Informatica Powercenter 10								
<b>Cloud Support</b>								
Azure VM	✓		✓	✓				
Amazon VM	✓		✓	✓				

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	Deployment Tools								
	SCCM 2016 (version 1606)			✓					
	SCCM 2012 R2 SP1			✓					
	Desktop Types								
	<b>Type I:</b> Computer & processor: Intel Core-i5 family 2.8 gigahertz (GHz) or faster Memory (RAM): <b>8</b> gigabytes (GB) RAM Hard Disk: <b>80</b> gigabytes (GB) available Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1280 x 1024 or higher resolution monitor Network: 100MB/Sec				✓ <sup>2</sup>		✓	✓	
	<b>Type II:</b> Computer & processor: Intel Core-i5 family 2.8 gigahertz (GHz) or faster Memory (RAM): <b>16</b> gigabytes (GB) RAM Hard Disk: <b>250</b> gigabytes (GB) available Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1280 x 1024 or higher resolution monitor Network: 100MB/Sec								
Server Types									
<b>Type I:</b> Computer & processor: Intel Core-i5 family 2.8 gigahertz (GHz) or faster for standalone deployment Intel Xeon E5 series, 4 cores or more and 2.8GHz or higher for multi-user environment Memory (RAM): <b>8</b> or above gigabytes (GB) RAM for standalone deployment, <b>16</b> or above gigabytes (GB) RAM for multi-user environment Hard Disk: <b>150</b> gigabytes (GB) available for standalone deployment, <b>300</b> gigabytes (GB) for multi-user environment Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1280 x 1024 or higher resolution monitor Network: 100MB/Sec				✓		✓	✓		
<b>Type II:</b> Computer & processor: Intel Xeon E5 series type system, 2.8 gigahertz (GHz) (4 cores) or faster Memory (RAM): <b>16</b> or above gigabytes (GB) RAM Hard Disk: <b>300</b> gigabytes (GB) or more available Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1280 x 1024 or higher resolution monitor Network: 100MB/Sec (Gigabyte network recommended)									
<b>Type III:</b> Computer & processor: 4 x Intel 2.66 gigahertz (GHz) ( <b>8</b> cores) or faster Memory (RAM): <b>32</b> or above gigabytes (GB) RAM Hard Disk: <b>500</b> gigabytes (GB) or more available Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1280 x 1024 or higher resolution monitor Network: 100MB/Sec (Gigabyte network recommended)									

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**Notes:**

<sup>1</sup> If using aspenONE Exchange on Windows Server 2012 R2, you must select the Desktop Experience option during Windows installation to enable Flash training videos.

<sup>2</sup> SLM supported in cloud (Azure VM/Amazon VM) for ENG products that are supported in the cloud

If running standalone, 1280 x 800 is the minimum recommended resolution monitor for servers.

If FIPS is enabled, aspenONE Exchange users must have the latest Windows Update patches installed on their machine.

Microsoft Active Directory/Domain Services (Required for aspenONE Web Server)

When running software on a virtual machine, the machine should meet the same requirements.

Your Aspen SLM Server must be installed and running prior to installing any V9 product.

For SLM server using Type 1 Desktop configuration, the minimum memory is 4GB with 20GB hard drive.

We employ EMET 5.5 to harden our testing environments with the understanding that EMET will reach its EOL on July 31, 2018