

UM 9.12 platform matrix - Server Operating Systems

| | Universal Messaging Server & Client |
|---------------------------------|-------------------------------------|
| Microsoft Windows | |
| 10 64-bit | x |
| 8.x 64-bit | x |
| 7 (SPx) 64-bit | x |
| Microsoft Windows Server | |
| 2012 R2 (SPx) 64-bit | x |
| 2012 R1 (SPx) 64-bit | x |
| 2012 R1 (SPx) Amazon EC2 64-bit | x |
| 2008 R2 (SPx) 64-bit | x |
| 2008 64-bit | x |
| Red Hat Enterprise Linux | |
| 7.x (x86) 64-bit | x |
| 7.x (IBM System z) 64-bit | x |
| 7.x (Amazon EC2) 64-bit | x |
| 6.x (x86) 64-bit | x |
| 6.x (IBM System z) 64-bit | x |
| SUSE Linux Enterprise Server | |
| 12 (SPx) (x86) 64-bit | x |
| 11 (SPx) (x86) 64-bit | x |
| 11 (SPx) (IBM System z) 64-bit | x |
| Solaris | |
| 11 (x86) 64-bit | x |
| 11 (SPARC) 64-bit | x |
| 10 (x86) 64-bit | x |
| 10 (SPARC) 64-bit | x |
| HP-UX | |
| 11i v3 (IA64) 64-bit | x |
| AIX | |
| 7.2 (Power) 64-bit | x |
| 7.1 (Power) 64-bit | x |
| Apple Mac OS X | |
| 10.11 64-bit | x |
| Apple iOS | |
| 7 (and higher) 64-bit | x |
| 7.0 64-bit | x |

On HP-UX systems, shared memory drivers are currently not supported - for more information see the Universal Messaging installation guide
 Clusters must be formed of nodes running the same version of OS version and the same version of Universal Messaging

UM 9.12 platform matrix - Client Operating Systems

| | Universal Messaging Client |
|---|----------------------------|
| Adobe Flex 4-6 | * |
| Apple iOS 8.0 and higher | x |
| C++ 11 | x |
| Excel RealTimeData Function 2010 and higher | x |
| Google Android 4.0 and higher | x |
| Oracle Java (Windows, Linux, Solaris, Mac OS X) 8 (Update 101 and higher) 8 (Update 71 and higher) 7 (Update 65 and higher) 6 (Update 27 and higher) | x * x x |
| HP Java (HP-UX IA64) 8 (Update 6 and higher) 8 (Update 4 and higher) | x * |
| IBM Java (AIX, Linux IBM System z) 8 (SR3 and higher) 8 (SR2 and higher) | x * |
| ECMAScript (JavaScript) 5 | x |
| Microsoft .NET Framework 4 | x |
| Microsoft .NET Framework Reactive Extensions 4 | x |
| Microsoft Silverlight 5 | x |
| Microsoft Windows Phone 7 | x |
| Python 2.7 | x |

Universal Messaging clients are also supported on all supported Universal Messaging server operating systems

UM 9.12 platform matrix - Java

| | Universal Messaging Server |
|---|----------------------------|
| Oracle Java (Windows, Linux, Solaris, Mac OS X) 8 (Update 101 and higher) 8 (Update 71 and higher) | x * |
| HP Java (HP-UX IA64) 8 (Update 6 and higher) 8 (Update 4 and higher) | x * |
| IBM Java (AIX, Linux IBM System z) 8 (SR3 and higher) 8 (SR2 and higher) | x * |

UM 9.12 platform matrix - Web Browsers

| | Universal Messaging Server | Universal Messaging Client |
|--|----------------------------|----------------------------|
| Google Chrome All versions | x | x |
| Mozilla Firefox 45 and higher | x | x |
| Microsoft Internet Explorer 11 and higher | x | x |
| Apple Safari 9 and higher | x | x |
| Apple Mobile Safari 9 and higher | | |

~~Support is currently provided for Microsoft Internet Explorer, not for the Microsoft Edge browser.~~

UM 9.12 platform matrix - Virtualization Software

| | Universal Messaging Server & Client |
|--|-------------------------------------|
| Amazon Web Services Amazon EC2 | X |
| Docker Docker 1.6.0 and higher Docker Compose 1.3.0 and higher | X X |
| VMWare ESXi 5.0 and higher | X |

Support for virtualization software requires the use of one of the supported OSs as the VM guest OS or Docker base image

Amazon EC2 is only supported with Windows 2012 R2 (SPx) 64-bit, Red Hat Linux 6.x (x86) 64-bit and Red Hat Linux 7.x (x86) 64-bit

Users must follow VMware best practices for guest operating systems. In particular, users of Linux guests should be aware of VMware KB Article: 1006427

http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=1006427

Software AG's policy for supporting virtualized environments is described by the "Virtual Machine Support" section at the following link:

<https://empower.softwareag.com/GeneralSupportInfo/ProductLifecycleandMaintenance/SupportPolicy2011.asp>

UM 9.12 platform matrix - Software AG Compatibility

| | Universal Messaging Server |
|---|----------------------------|
| Apama 9.12 9.10 | x * |
| webMethods Integration Server 9.12 9.10 | x * |