

# Apama 10.1 Platform Matrix - Operating Systems

	Apama with Software AG Designer	Apama Server	Apama Capital Markets Foundation	Apama Capital Markets Adapters	Predictive Analytics Engine & Plug-in for Apama
Microsoft Windows					
10 64-bit	X	X	X	X	X
8.1 64-bit	X	X	X	X	X
7 (SP1) 64-bit	X	X	X	X	X
Microsoft Windows Server					
2016 64-bit	X	X	X	X	X
2012 R2 64-bit	X	X	X	X	X
2008 R2 (SP1) 64-bit	X	X	X	X	X
Red Hat Enterprise Linux					
7 (Update 2 and higher) (x86) 64-bit		X	X	X	X
<del>7 (x86) 64-bit</del>		*	*	*	*
<del>6 (Update 8 and higher) (x86) 64-bit</del>		*	*	*	*
CentOS Linux					
7 (Update 2 and higher) (x86) 64-bit		X	X	X	X
<del>7 (x86) 64-bit</del>		*	*	*	*
<del>6 (Update 8 and higher) (x86) 64-bit</del>		*	*	*	*
Oracle Linux					
7 (Update 2 and higher) (x86) 64-bit		X	X	X	X
<del>7 (x86) 64-bit</del>		*	*	*	*
<del>6 (Update 8 and higher) (x86) 64-bit</del>		*	*	*	*
SUSE Linux Enterprise Server					
12 (x86) 64-bit		X	X	X	X
Pivotal Cloud Foundry Ubuntu					
14.04 LTS (x86) 64-bit		X	X	X	X

Apama does not support Security Enhanced Linux (SELinux). This option should be turned off on Linux for Apama to run.

For Oracle Linux, Apama is only supported with the Red Hat Compatible Kernel.

For Apama server, the compiled runtime feature is only available on the Linux platforms.

# Apama 10.1 Platform Matrix - Compilers

	Microsoft Visual Studio 2015 Update 3 (C++)	GCC 4.4	GCC 4.8
Microsoft Windows 10 64-bit 8.1 64-bit 7 (SP1) 64-bit	X X X		
Microsoft Windows Server 2016 64-bit 2012 R2 64-bit 2008 R2 (SP1) 64-bit	X X X		
Red Hat Enterprise Linux 7 (Update 2 and higher) (x86) 64-bit <del>7 (x86) 64-bit</del> <del>6 (Update 8 and higher) (x86) 64-bit</del>			X * *
CentOS Linux 7 (Update 2 and higher) (x86) 64-bit <del>7 (x86) 64-bit</del> <del>6 (Update 8 and higher) (x86) 64-bit</del>			X * *
Oracle Linux 7 (Update 2 and higher) (x86) 64-bit <del>7 (x86) 64-bit</del> <del>6 (Update 8 and higher) (x86) 64-bit</del>			X * *
SUSE Linux Enterprise Server 12 (x86) 64-bit			X
Pivotal Cloud Foundry Ubuntu 14.04 LTS (x86) 64-bit			X

Compilers are relevant for Apama when creating C++ plug-ins and applications using the C++ client API.

# Apama 10.1 Platform Matrix - Application Servers

	Apama Server
Software AG Common Runtime 10.1 <del>10.0</del>	X *
Oracle WebLogic Server 12c (12.1.3)	X
IBM WebSphere Application Server 8.5.5.11 8.5.5.8 (Liberty)	X X
Apache Tomcat 8.5.11 <del>8.5.5</del>	X *

Application server support applies to Apama dashboards.

Apache Tomcat supported version matches the version used by the relevant Software AG Common Runtime.

Application servers and client web browsers must be using JRE 8 to access Web Start dashboards.

# Apama 10.1 Platform Matrix - Databases

	Apama Server
Oracle 12c (12.1) 11g R2	X X
MySQL Community Edition 5.6	X
Microsoft SQL Server 2016 Enterprise 2014 Enterprise 2012 Enterprise	X X X
IBM DB2 10.5	X

Databases are only supported using the JDBC drivers included with Apama.

Except for MySQL which is only supported using MySQL's JDBC driver.

## Apama 10.1 Platform Matrix - JMS Providers

	Apama Server
Software AG Universal Messaging 10.1 <del>10.0</del>	x *
Oracle WebLogic Server 12c (12.1.3) 11g R1 (10.3.5)	x x
IBM WebSphere Application Server 8.5.5.11 8.5.5.8 (Liberty) <del>8.5.5.0</del>	x x *
IBM MQ 9.0 (and higher) 8.0 (and higher) WebSphere 7.0.1.3	x x x
HornetQ 2.4.0	x

# Apama 10.1 Platform Matrix - Integration Platforms & Protocols

	Apama Server
Software AG Universal Messaging Client 10.1 <del>10.0</del>	x *
Apache Kafka 0.10.1	x
JMS 1.1	x
HTTP(S) 1.1	x
TLS 1.2	x
MQTT 3.1.1	x
SOAP 1.2	x

Apama includes the corresponding version of the Universal Messaging client.

Refer to the Universal Messaging supported platforms documentation for further information.

Not all elements of a platform or protocol may be integrated and supported with Apama.

Refer to the "JMS Providers" section for supported JMS providers.

# Apama 10.1 Platform Matrix - Java, .NET, Software AG Designer

	Apama with Software AG Designer	Apama Server
Oracle Java 8 (Update 141 and higher) <del>8 (Update 121 and higher)</del>	x *	x *
Microsoft .NET Framework 4.5.1		x
Software AG Designer 10.1 <del>10.0</del>	x *	
Python 2.7		x
Apache Ant 1.9.7	x	x
Ant-Contrib Tasks 1.0b3	x	x

Apama server is only supported with the version of JRE installed by the product or fix.

Java support refers to the Java version supported for developing with Apama's Java Client API and dashboard components.

# Apama 10.1 Platform Matrix - Web Browsers

	Apama Server
Google Chrome 53 and higher <del>48 and higher</del>	x *
Mozilla Firefox 52 and higher	x
Microsoft Internet Explorer 11 and higher	x
Microsoft Edge 1 and higher	x
Apple Safari (desktop) 10 and higher	x
Apple Safari (mobile) 10 and higher	x

Web browser support refers to viewing Apama dashboards and the Apama documentation.

Apple Safari (mobile) does not support deployment of Apama dashboards as Java Web Start applications.

# Apama 10.1 Platform Matrix - Virtualization Software

	Apama Server
Amazon Web Services Amazon EC2	x
Docker Docker 1.11.0 and higher Docker Compose 1.7.0 and higher	x x
VMWare ESXi 6.0 and higher	x

Support for virtualization software requires the use of one of the supported operating systems as the VM guest operating system or Docker base image.

Apama dashboard components are not supported running in a Docker environment.

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](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 in the "Software AG Maintenance Policy" document.

Refer to the "Virtual Machine and Container Support" section:

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

# Apama 10.1 Platform Matrix - Distributed Memory Store

	Apama Server
Software AG Terracotta BigMemory Max 4.3.4	x
Software AG Terracotta DB Store <a href="#">10.1</a>	x

Apama is able to communicate with other distributed caches by permitting development on the base interface classes included with the product.

## Apama 10.1 Platform Matrix - Other

	Apama Server
MathWorks MATLAB 2016b	x
R 3.4.1	x