

Apama 10.7 Platform Matrix - Operating Systems

Platform	Apama with Software AG Designer	Apama Server	Apama Capital Markets Foundation	Apama Capital Markets Adapters	Predictive Analytics Plug-in for Apama
Microsoft Windows					
10 64-bit	x	x	x	x	x
8.1 64-bit	x	x	x	x	x
Microsoft Windows Server					
2019 64-bit	x	x	x	x	x
2016 64-bit	x	x	x	x	x
2012 R2 64-bit	x	x	x	x	x
Red Hat Enterprise Linux					
8 (and higher) (x86) 64-bit		x	x	x	x
7 (Update 2 and higher) (x86) 64-bit		x	x	x	x
CentOS Linux					
8 (and higher) (x86) 64-bit		x	x	x	x
7 (Update 2 and higher) (x86) 64-bit		x	x	x	x
SUSE Linux Enterprise Server					
12 (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 10.7 Platform Matrix - Compilers

Platform	Microsoft Visual Studio 2015 Update 3 (C++)	GCC 4.8	GCC 8.2
Microsoft Windows			
10 64-bit	x		
8.1 64-bit	x		
Microsoft Windows Server			
2019 64-bit	x		
2016 64-bit	x		
2012 R2 64-bit	x		
Red Hat Enterprise Linux			
8 (and higher) (x86) 64-bit			x
7 (Update 2 and higher) (x86) 64-bit		x	
CentOS Linux			
8 (and higher) (x86) 64-bit			x
7 (Update 2 and higher) (x86) 64-bit		x	
SUSE Linux Enterprise Server			
12 (x86) 64-bit		x	

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

Apama 10.7 Platform Matrix - Application Servers

Platform	Apama Server
Software AG Common Runtime	
10.7	x
10.5	✗
Oracle WebLogic Server	
12c (12.2.x) (12.2.1.3 and higher)	x
IBM WebSphere Application Server	
8.5.5.11	x
Apache Tomcat	
8.5	x

Application server support applies to Apama dashboards.

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

Apama 10.7 Platform Matrix - Databases

Platform	Apama Server
Oracle	
19c	x
12c	x
11g-R2	x
MySQL Community Edition	
5.7	x
Microsoft SQL Server	
2019 Enterprise	x
2017 Enterprise	x
2016 Enterprise	x
IBM DB2	
10.5	x

Database support refers to using the ADBC components.

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

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

Apama 10.7 Platform Matrix - JMS Providers

Platform	Apama Server
Software AG Universal Messaging	
10.7	x
10.5	x
Oracle WebLogic Server	
12c (12.2.x) (12.2.1.3 and higher)	x
IBM WebSphere Application Server	
8.5.5.11	x
IBM MQ	
9.0 (and higher)	x
8.0 (and higher)	x

Apama uses the corresponding version of the Universal Messaging JMS client.

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

Apama 10.7 Platform Matrix - Integration Platforms

Platform	Apama Server
Software AG Universal Messaging Client	
10.7	x
10.5	x
Apache Kafka Client	
2.5 (2.5.0 and higher)	x
1.0 (1.0.0 and higher)	x
JMS	
1.1	x
HTTP(S)	
1.1	x
TLS	
1.2	x
MQTT	
3.1.1	x
SOAP	
1.2	x

Apama uses the corresponding version of the Universal Messaging C++ 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.

Refer to the "Databases" section for supported databases.

ODBC is only supported on Windows platforms.

Apama 10.7 Platform Matrix - Java, .NET, Software AG Designer

Platform	Apama with Software AG Designer	Apama Server
Azul Zulu Java		
8.40		x
Microsoft .NET Framework		
4.5.1		x
Software AG Designer		
10.7	x	
10.5	✗	
Python		
3.7		x
Apache Ant		
1.10.5	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 10.7 Platform Matrix - Web Browsers

Platform	Apama Server
Google Chrome	
Latest	x
Mozilla Firefox	
60 and higher	x
Microsoft Internet Explorer	
11 and higher	x
Microsoft Edge	
Latest	x

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

Apama 10.7 Platform Matrix - Virtualization Software

Platform	Apama Server
Amazon Web Services	
Amazon EC2 (running VMs)	x
Docker	
Docker 19.03 and higher	x
Docker Compose 1.16.1 and higher	x
Microsoft Azure	
Azure (running VMs)	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:

<https://kb.vmware.com/s/article/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/default.aspx>

Apama 10.7 Platform Matrix - Distributed Memory Store

Platform	Apama Server
Software AG BigMemory Max	
4.3.9	x
4.3.8	x
Software AG Terracotta Store	
10.7	x
10.5	x

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

Apama 10.7 Platform Matrix - Other

Platform	Apama Server
Software AG Cumulocity IoT	
10.7 (and higher)	x
10.5 (and higher)	x
MathWorks MATLAB	
2016b	x
R	
3.4.1	x

Apama uses the Cumulocity IoT client SDK and depends on it for compatibility with higher versions of Cumulocity IoT