

eXo Products Supported environments

Overview

eXo Subscription customers benefit from certified, tested and production ready software packages. These packages are tied to environments compatibility prerequisites. This document describes those pre-requisites.

Supported Environments Policy

eXo products offer a wide range of eligible environments to integrate with your IT preferences. The following chapter describes our factory supported environments policy and the associated Support Services Terms.

General Statements

(i) eXo does not licence nor provide support or maintenance for the listed third party software, which includes without limitations : Installation, capacity planning, tuning, upgrade procedures. Customers will evaluate the opportunity to contract licences, support and maintenance guarantees with the third party editors involved.

(ii) eXo recommendations on interacting with the listed third party software are provided with the sole objective to run eXo Platform products in decent conditions and regardless of potential impacts or side effects on existing or future software managed by customers.

(iii) eXo does not guarantee to match recommendations emitted by third party software vendors or experts. which includes without limitations, specific features, existing and future specifications, architecture design, protocols, management procedures.

(iv) eXo assumes customers' personnel is proficient with the selected third party software.

Fully Supported Environments

Recommended Environments outline the best user and administrator experience achievable with eXo products. They also offer the widest set of guarantees, support services wise. Recommended environments specific features may also be leveraged by eXo products to enhance its own integration within these stacks.

Supported Environments represent the baseline compatibility matrix requested to run eXo products in production conditions. Such environments may introduce particular limitations which are generally identified and listed by eXo. In addition, third party environments belonging to this category may be outdated and therefore should be updated to recommended software.

Support Services related Terms :

eXo Global Support Services will deliver support and maintenance services for eXo Products to subscribed customers deploying eXo Products within the listed Fully Supported Environments according the contracted SLA.

In addition, recommended environments are mandatory to benefit from Ongoing support assistance in case of Premium subscriptions.

Limited Support Environments

Compatible environments represent third party software known to work with eXo Products, thanks to community contributions or lab research. Such environments may offer a varying compatibility with eXo Products as they are not the subject of internal testing and quality insurance. Compatible environments are NOT recommended to power an eXo Platform Products' installation in a production context.

Deprecated environments are environments formerly fully supported by eXo Platform Products but are in the process of being removed from the supported environments list. Such removal is generally lined up with the next minor or major version of eXo Products. Customer shall pay attention to third party software identified in this category and plan their update accordingly. Deprecated environments offer a limited user and administrator experience and are very likely to allow for a limited compatibility with features added in the latest minor or major version of eXo Products.

Support Services related Terms :

eXo Global Support Services will deliver restricted support and maintenance services for eXo Products to subscribed customers deploying eXo Products within the listed Limited Support Environments according to the following guidelines :

- Contract SLA is not guaranteed,
- Qualified product specific issues will be handled as normal, which includes support assistance and maintenance for major defects.
- Qualified environment specific issues will automatically cancel the issue management and no additional delivery will occur for this issue (Patches, Maintenance versions)

Unsupported Environments

Incompatible or Sunset environments are third party software known to NOT work with eXo Products, even if they used to work in conjunction with a previous version of eXo Products.

Support Services related Terms :

eXo Global Support Services will deliver NO support NOR maintenance services for eXo Products to subscribed customers deploying eXo Products within the listed Unsupported Environments.

Supported Environments Matrix

The following chapter provides a comprehensive listing of software and middleware subject to host or interact with each eXo Platform version's stream.

General Statements

The supported environment listing is meant to evolve over time to fit industry standards and allow for modern feature implementation. Those evolutions are ruled by the following terms :

- Supported environments can vary from a minor version to another, however eXo will NOT downgrade a given environment item during the lifecycle of a minor stream (see www.exoplatform.com/maintenance-program to learn more about version management and policies)
- eXo shall add or upgrade some environments into the list between two consecutive maintenance versions.

Per edition restrictions

eXo Platform Enterprise Basic edition supported environments are limited to the third party software installed through the installation program. (DB, AS, WebServer)

eXo Platform Enterprise Standard and Premium editions fully benefit from the wide range of supported environments described below.

Per version listing

- [eXo Platform 4.4](#)
- [eXo Supported Addons](#)
- [eXo Platform 4.3](#)
- [eXo Platform 4.2](#)
- [eXo Platform 4.1](#)
- [eXo Platform 4.0](#)
- [eXo Platform Sunset versions](#)

eXo Platform 4.4

Operating Systems and JVMs

| JDK | Recommended | Supported | Compatible | Deprecated | Incompatible |
|------------|-------------|-----------|------------|------------|---------------|
| Oracle JDK | 1.8 | | | | 1.7 and below |
| Open JDK | | | 1.8 | | 1.7 and below |

| Operating System | Recommended | Supported | Compatible | Deprecated | Incompatible |
|------------------|-------------|-----------|------------|------------|--------------|
| Ubuntu | 14.04 LTS | | 16.04 LTS | 12.04 LTS | |
| RHEL | 7.2 | | 6.7 | | |
| CentOS | | | 7(1511) | | |
| Windows Server | | 2012 R2 | | 2008 R2 | |

Application Servers

| Application Server | Recommended | Supported | Compatible | Deprecated | Incompatible |
|--------------------|-------------|-----------|------------|------------|---------------|
| Apache Tomcat | 7.0 | - | - | - | - |
| JBoss EAP | 6.4 | - | | 6.1 6.2 | 6.0 and below |

(*) Apache Tomcat support assumes the usage of the bundled Tomcat.

Databases

| Database | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---------------|-------------|-----------|-------------|------------------|--------------|
| MySQL | 5.6 | 5.5 | 5.7 | | |
| Oracle | 12c R1 | | | 11g R2 11g R1 | |
| MS SQL Server | 2014 | | 2012 | 2008 R2 SP2 | |
| PostgreSQL | 9.4 | | 9.3 9.5 | 9.2 | |
| MariaDB | | | 5.5 10.1 | | |

Databases drivers

| Database | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---------------|----------------|-----------|------------|------------|--------------|
| MySQL | 5.1.39 | | | | |
| Oracle | 12.1.0.1 | | | | |
| MS SQL Server | 4.2.6420.100 | | | | |
| PostgreSQL | 9.4.1208..jre7 | | | | |

Other Server Components

| Database | Recommended | Supported | Compatible | Deprecated | Incompatible |
|-------------------------------|------------------|-----------|------------------------------------|------------|--------------|
| MongoDB(for chat add-on only) | 3.2 | | 3.0 | 2.6 | 2.4 |
| Elastic Search | 2.3 | | | | 1.x |
| Office Server | Libre Office 4.2 | | LibreOffice 5.1 LibreOffice 4.4 | | |

Directory servers

| LDAP | Recommended | Supported | Compatible | Deprecated | Incompatible |
|------------------------|------------------------|-----------|---------------------|------------|--------------|
| OpenLDAP | 2.4 | | | | |
| Active Directory | Windows Server 2012 R2 | | Windows Server 2008 | | |
| RedHat Identity Server | | | 9.1 | | |
| OpenDJ | | | 3.0 2.6 | | |

SSO Providers

| SSO Providers | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---------------|-------------|----------------------------|--|------------|--------------|
| CAS | | 4.0 | | 3.5 | |
| SAML v2.0 | | SAML v2 2.0 IdP (*) | | | |
| SPNEGO | | Over Kerberos (MS Windows) | Over NTLM (MS Windows) Over Kerberos (Linux/Unix) | | |
| OpenAM | | | 11.0 | | |
| LemonLDAP | | | 1.9.2 | | |

(*) Assumes eXo Platform is a SP

Web Browsers

| Web Browser | Recommended | Supported | Compatible | Deprecated | Incompatible |
|-------------|---------------------------------|---|------------------------------------|------------|--------------------|
| Windows | IE11 Firefox 50 Chrome 55 | Firefox (latest stable) Chrome (latest stable) | Edge (latest stable) | | IE10 and below |
| Mac OS | Firefox 50 Chrome 55 | Firefox (latest stable) Chrome (latest stable) | Safari 9 | Safari 7 | Safari 8 and below |
| Linux | Firefox 50 | Firefox (latest stable) | Chrome (latest stable) | | |
| iOS | | Safari 9 Chrome 55 | Safari 8 Chrome (latest stable) | | |
| Android | | Chrome 55 | Chrome (latest stable) | | |

eXo supported Add-ons

An eXo add-on inherits implicitly the environment compatibility of the corresponding eXo Platform version. Each add-on might however have some specific requirements which might be more restricted than those of its corresponding eXo Platform version.

eXo Chat

MongoDB version

| Add-On Version | Recommended | Supported | Compatible | Deprecated | Incompatible |
|----------------|-------------|-----------|------------|------------|---------------|
| eXo Chat 1.4 | 3.2 | | 3.0 | 2.6 | 2.4 and below |
| eXo Chat 1.2 | 3.0 | | 2.6 | | |
| eXo Chat 1.1 | 2.6 | | 3.0 2.4 | | |
| eXo Chat 1.0 | 2.6 | | 2.4 | | 2.2 and below |

eXo Platform version

| Add-On Version | Recommended | Supported | Compatible | Deprecated | Incompatible |
|----------------|------------------|-----------|------------|------------|----------------------------|
| eXo Chat 1.4 | eXo Platform 4.4 | | | | eXo Platform 4.3 and below |
| eXo Chat 1.2 | eXo Platform 4.3 | | | | eXo Platform 4.2 and below |
| eXo Chat 1.1 | eXo Platform 4.2 | | | | eXo Platform 4.1 and below |
| eXo Chat 1.0 | eXo Platform 4.1 | | | | eXo Platform 4.0 and below |

eXo Video Calls

The Video Calls add-on requires minimal hardware, internet bandwidth to access the multimedia streaming service as well as the installation of a client software.

eXo Platform version

| Add-On Version | Recommended | Supported | Compatible | Deprecated | Incompatible |
|----------------|------------------|-----------|------------|------------|----------------------------|
| 1.4 | eXo Platform 4.4 | | | | eXo Platform 4.4 and below |
| 1.3 | eXo Platform 4.3 | | | | eXo Platform 4.2 and below |
| 1.2 | eXo Platform 4.2 | | | | eXo Platform 4.1 and below |
| 1.1 | | | | | any(*) |
| 1.0 | | | | | any(*) |

(*)RTCCDriver being no longer supported from September 16, 2015, these versions of Video Calls are not compatible with any eXo Platform versions.

Network

Bandwidth requirements differ according to the use case.

| Function | Recommended | Supported | Compatible | Deprecated | Incompatible |
|--------------------|-----------------------|-----------|-----------------------|------------|--------------|
| Audio Only | | | 30 Kbps | | |
| 1-to-1 video calls | 130 Kbps (HD quality) | | 80 Kbps (SD quality) | | |
| Group video calls | 280 Kbps (HD quality) | | 130 Kbps (SD quality) | | |

In addition, the Video Calls add-on requires to open the following ports in the firewall/proxy:

- TCP 80 (HTTP)
- TCP 443 (HTTPS)

System requirements

Except for Chrome, the Video Calls add-on requires installing a browser plugin to bridge communication between the browser and the video conference service.

Client Hardware

| Client Hardware | Recommended | Supported | Compatible | Deprecated | Incompatible |
|-----------------|--|-----------|---|------------|--------------|
| Windows | Intel Core i5 3470, AMD A8 6K series with 2GB of RAM | | Intel Core 2 Duo, AMD Athlon X2 with 1GB of RAM | | |
| Mac OS | Intel Core i5 3470 2GB RAM | | Intel Core 2 Duo 1GB RAM | | |

Client Operating System

| Operating System | Recommended | Supported | Compatible | Deprecated | Incompatible |
|------------------|-------------|-----------|------------------------|------------|--------------|
| Windows | 7 | | XP SP3, 8, 8.1 | | |
| Mac OS | 10.10 | | 10.6, 10.7, 10.8, 10.9 | | |
| Ubuntu | 14.04 | | 12.04 | | |
| iOS | | | | | Any (*) |
| Android | | | | | Any (*) |

(*) The client software is not compatible with any iOS or Android.

Client Web Browsers

(*) The client software is not compatible with any iOS or Android.

| Operating System | Browser | | | | |
|------------------|----------------------------------|-----------|------------|----------------------|------------------------|
| | Recommended | Supported | Compatible | Deprecated | Incompatible |
| Windows | Chrome 46 Firefox 41 IE 11 | | | | IE10 and below |
| Mac OS | Chrome 46 Firefox 41 | | Safari 9 | Safari 7 Safari 8 | Safari 5.1 Safari 6 |
| Linux | Chrome 46 | | | | Firefox |
| iOS | | | | | Any (*) |
| Android | | | | | Any (*) |

(*) The client software is not compatible with any iOS or Android.

eXo Remote Edit

By default, when navigating eXo Platform from IE11 browser, users can open and edit Word/Excel/Powerpoint files in Microsoft Office. This add-on enhances the feature for more file types and more client platforms.

eXo Platform version

| Add-On Version | Recommended | Supported | Compatible | Deprecated | Incompatible |
|----------------|------------------|-----------|------------|------------------|----------------------------|
| 1.2 | eXo Platform 4.4 | | | | eXo Platform 4.3 and below |
| 1.1 | | | | eXo Platform 4.3 | eXo Platform 4.2 and below |
| 1.0 | | | | eXo Platform 4.2 | eXo Platform 4.1 and below |

Web browsers and Office suites

| Operating System | Browser | Office suite | | | | |
|--------------------------------------|---|------------------------|-----------------|----------------------------------|------------|------------------------|
| | | Recommended | Supported | Compatible | Deprecated | Incompatible |
| Windows 7 Windows 8 Windows 10 | Firefox (latest stable) Chrome (latest stable) IE11 Edge | MS Office 2013 | | MS Office 2010 MS Office 2016 | | |
| Mac OS 10.9+ | Firefox (latest stable) Safari | MS Office for Mac 2011 | | MS Office for Mac 2016 | | Chrome (latest stable) |
| Ubuntu 14.04 | Firefox (latest stable) | | LibreOffice 4.4 | OpenOffice 4.1 | | Chrome (latest stable) |

eXo Tasks

eXo Platform version

| Add-On Version | Recommended | Supported | Compatible | Deprecated | Incompatible |
|----------------|------------------|-----------|------------|------------|----------------------------|
| 1.2 | eXo Platform 4.4 | | | | eXo Platform 4.3 and below |
| 1.0 | eXo Platform 4.3 | | | | eXo Platform 4.2 and below |

eXo Site Templates / eXo Web Pack (*)

eXo Platform version

| Add-On Version | Recommended | Supported | Compatible | Deprecated | Incompatible |
|----------------|------------------|-----------|------------|------------|----------------------------|
| 1.1 | eXo Platform 4.4 | | | | eXo Platform 4.4 and below |
| 1.0 | eXo Platform 4.3 | | | | eXo Platform 4.2 and below |

(*) Starting with eXo Platform 4.4, eXo Site Templates was merged with WAI and renamed eXo Web Pack.

eXo CAS integration

eXo Platform version

| Add-On Version | Recommended | Supported | Compatible | Deprecated | Incompatible |
|----------------|------------------|-----------|------------------|------------|----------------------------|
| 1.2 | eXo Platform 4.4 | | | | eXo Platform 4.3 and below |
| 1.1 | eXo Platform 4.3 | | | | eXo Platform 4.2 and below |
| 1.0 | eXo Platform 4.2 | | eXo Platform 4.1 | | eXo Platform 4.0 and below |

eXo SPNEGO integration

eXo Platform version

| Add-On Version | Recommended | Supported | Compatible | Deprecated | Incompatible |
|----------------|------------------|-----------|------------------|------------|----------------------------|
| 1.2 | eXo Platform 4.4 | | | | eXo Platform 4.3 and below |
| 1.1 | eXo Platform 4.3 | | | | eXo Platform 4.2 and below |
| 1.0 | eXo Platform 4.2 | | eXo Platform 4.1 | | eXo Platform 4.0 and below |

eXo SAML2 integration

eXo Platform version

| Add-On Version | Recommended | Supported | Compatible | Deprecated | Incompatible |
|----------------|---------------------|-----------|------------------|------------|----------------------------|
| 1.2 | eXo Platform 4.4(*) | | | | eXo Platform 4.3 and below |
| 1.1 | eXo Platform 4.3(*) | | | | eXo Platform 4.2 and below |
| 1.0 | eXo Platform 4.2 | | eXo Platform 4.1 | | eXo Platform 4.0 and below |

(*) It only works in Platform JBoss EAP bundle.

eXo OpenAM integration

eXo Platform version

| Add-On Version | Recommended | Supported | Compatible | Deprecated | Incompatible |
|----------------|-------------|-----------|--------------------------------------|------------|----------------------------|
| 1.2 | | | eXo Platform 4.4 | | eXo Platform 4.3 and above |
| 1.1 | | | eXo Platform 4.3 | | eXo Platform 4.2 and below |
| 1.0 | | | eXo Platform 4.2 eXo Platform 4.1 | | eXo Platform 4.0 and below |

eXo CRaSH

Platform version

| Add-On Version | Recommended | Supported | Compatible | Deprecated | Incompatible |
|----------------|------------------|--|------------------|------------|----------------------------|
| 4.4 | eXo Platform 4.4 | | | | |
| 4.1 | | eXo Platform 4.3 eXo Platform 4.2 eXo Platform 4.1 eXo Platform 4.0 | eXo Platform 3.5 | | eXo Platform 3.0 and below |

eXo CMIS

eXo Platform version

| Add-On Version | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---|------------------|------------------|------------|------------------|----------------------------|
| 4.4 | eXo Platform 4.4 | | | | eXo Platform 4.3 and below |
| 4.3 | eXo Platform 4.3 | | | | eXo Platform 4.2 and below |
| 4.2 | eXo Platform 4.2 | | | | eXo Platform 4.1 and below |
| 4.1 | eXo Platform 4.1 | | | | eXo Platform 4.0 and below |
| eXo CMIS Connector 1.3.0 (built-in extension in Platform 4.0) | | eXo Platform 4.0 | | eXo Platform 3.5 | eXo Platform 3.0 and below |

eXo Answers (deprecated)

eXo Platform version

| Add-On Version | Recommended | Supported | Compatible | Deprecated | Incompatible |
|----------------|------------------|-----------|------------|------------------|----------------------------|
| 1.2 | | | | eXo Platform 4.4 | eXo Platform 4.3 and below |
| 1.1 | | | | eXo Platform 4.3 | eXo Platform 4.2 and below |
| 1.0 | eXo Platform 4.2 | | | | eXo Platform 4.1 and below |

eXo IDE (sunset)

Platform version

| Add-On Version | Recommended | Supported | Compatible | Deprecated | Incompatible |
|----------------|------------------|--------------------------------------|------------------|----------------------|----------------------------|
| 1.5.0 | | | | eXo Platform 4.3 (*) | eXo Platform 4.4 (*) |
| 1.4.1 | eXo Platform 4.2 | eXo Platform 4.0 eXo Platform 4.1 | eXo Platform 3.5 | | eXo Platform 3.0 and below |
| 1.4.0 | eXo Platform 4.1 | eXo Platform 4.0 | eXo Platform 3.5 | | eXo Platform 3.0 and below |

(*) It works only with Java 7 in 4.3, removed in 4.4.

Web Browsers

| Web Browser | Recommended | Supported | Compatible | Deprecated | Incompatible |
|-------------|---|-----------|------------------------|----------------------|------------------------|
| Windows | Firefox (latest stable) Chrome (latest stable) | | | | IE8+ Safari 5.1 |
| Mac OS | Firefox (latest stable) Chrome (latest stable) | | Safari 9 | Safari 8 Safari 7 | Safari 6 Safari 5.1 |
| Linux | Firefox (latest stable) | | Chrome (latest stable) | | |

eXo Platform 4.3

Operating Systems and JVMs

| Operating System | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---------------------|----------------|----------------|------------|--------------------------------|-------------------------------|
| Ubuntu 14.04 LTS | Oracle JDK 1.8 | | | Oracle JDK 1.7 Open JDK 1.7 | Oracle/Open JDK 1.6 and below |
| RHEL 7.2 | Oracle JDK 1.8 | | | Oracle JDK 1.7 Open JDK 1.7 | Oracle/Open JDK 1.6 and below |
| RHEL 6.4 | Oracle JDK 1.8 | | | Oracle JDK 1.7 Open JDK 1.7 | Oracle/Open JDK 1.6 and below |
| Windows Server 2012 | Oracle JDK 1.8 | | | Oracle JDK 1.7 | Oracle JDK 1.6 and below |
| Ubuntu 12.04 LTS | | Oracle JDK 1.8 | | Oracle JDK 1.7 Open JDK 1.7 | Oracle/Open JDK 1.6 and below |
| RHEL 5.10 | | Oracle JDK 1.8 | | Oracle JDK 1.7 Open JDK 1.7 | Oracle/Open JDK 1.6 and below |
| Windows Server 2008 | | Oracle JDK 1.8 | | Oracle JDK 1.7 | Oracle JDK 1.6 and below |
| AIX 7.1 | | | | IBM SDK 7 | IBM SDK 1.6 and below |

Application Servers

| Application Server | Recommended | Supported | Compatible | Deprecated | Incompatible |
|--------------------|-------------|-----------|------------|------------|---------------|
| Apache Tomcat | - | 7.0 (*) | - | - | - |
| JBoss EAP | 6.2 | 6.1 | 6.3 | - | 6.0 and below |

(*) Apache Tomcat support assumes the usage of the bundled Tomcat.

Databases

| Database | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---|-------------|-------------|------------------|------------|--------------|
| PostgreSQL | 9.4 | 9.3 | 9.2 | | |
| MySQL | 5.5 | | 5.6 | | |
| Oracle | 11g R2 | 12c R1 | 10g R2 11g R1 | | |
| MS SQL Server | 2012 | 2008 R2 SP2 | | | |
| Postgres Plus Advanced Server (Enterprise DB) | | 9.3 | 9.4 9.2 | | |
| IBM DB2 | | | 10.1 | | |

Directory servers

| LDAP | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---------------------------|---------------------------|--|------------------------|-----------------|--------------|
| OpenLDAP | 2.4 | | | | |
| Active Directory | Windows Server 2012 R2 | Windows Server 2008 R2 Windows Server 2012 | Windows Server 2008 | | |
| RedHat Identity Server | | 9.1 | 9.0 | | |
| OpenDJ | | | 2.6 | | |
| OpenDS | | | | 2.2 Update 1 | |

SSO Providers

| SSO Providers | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---------------|-------------|-------------------------------|--|------------|--------------|
| CAS | | 4.0 | 3.5 | | |
| SAML v2.0 | | SAML v2 2.0 IdP (*) | | | |
| SPNEGO | | Over Kerberos (MS Windows) | Over NTLM (MS Windows) Over Kerberos (Linux/Unix) | | |
| OpenAM | | 11.0 | | 10.1 | |

(*) Assumes eXo Platform is a SP

Web Browsers

| Web Browser | Recommended | Supported | Compatible | Deprecated | Incompatible |
|-------------|---------------------------------|---|------------------------------------|----------------------|-----------------------------|
| Windows | IE11 Firefox 41 Chrome 46 | Firefox (latest stable) Chrome (latest stable) | | IE10(*) | IE9 and below Safari 5.1 |
| Mac OS | Firefox 41 Chrome 46 | Firefox (latest stable) Chrome (latest stable) | Safari 9 | Safari 8 Safari 7 | Safari 6 Safari 5.1 |
| Linux | Firefox 41 | Firefox (latest stable) | Chrome (latest stable) | | |
| iOS | | Safari 9 | Safari 8 Chrome (latest stable) | | |
| Android | | Chrome 46 | Chrome (latest stable) | | |

eXo Platform 4.2

Operating Systems and JVMs

| Operating System | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---------------------|----------------|----------------|--------------|------------|-------------------------------|
| Ubuntu 14.04 LTS | Oracle JDK 1.7 | | Open JDK 1.7 | | Oracle/Open JDK 1.6 and below |
| RHEL 6.4 | Oracle JDK 1.7 | | Open JDK 1.7 | | Oracle/Open JDK 1.6 and below |
| Windows Server 2012 | Oracle JDK 1.7 | | | | Oracle JDK 1.6 and below |
| Ubuntu 12.04 LTS | | Oracle JDK 1.7 | Open JDK 1.7 | | Oracle/Open JDK 1.6 and below |
| RHEL 5.10 | | Oracle JDK 1.7 | Open JDK 1.7 | | Oracle/Open JDK 1.6 and below |
| Windows Server 2008 | | Oracle JDK 1.7 | | | Oracle JDK 1.6 and below |
| AIX 7.1 | | | IBM SDK 7 | | IBM SDK 1.6 and below |

Application Servers

| Application Server | Recommended | Supported | Compatible | Deprecated | Incompatible |
|--------------------|-------------|-------------|------------|------------|---------------|
| Apache Tomcat | - | 7.0 (*)(**) | - | - | - |
| JBoss EAP | 6.2 | 6.1 | 6.3 | - | 6.0 and below |

(*) Apache Tomcat does not allow for clustered deployments (**) Apache Tomcat support assumes the usage of the bundled Tomcat.

Databases

| Database | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---|-------------|------------------|------------|------------|--------------|
| MySQL | 5.5 | | 5.6 | 5.1 | |
| Oracle | 11g R2 | 10g R2 11g R1 | 12c R1 | | |
| MS SQL Server | 2012 | 2008 R2 SP2 | | 2008 R2 | |
| PostgreSQL | | 9.3 | 9.2 | 8.4 9.1 | |
| Postgres Plus Advanced Server (Enterprise DB) | | 9.3 | 9.2 | | |
| IBM DB2 | | | 10.1 | 9.7 | |
| Sybase | | | | 15.7 ASE | |

Directory servers

| LDAP | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---------------------------|---------------------------|---|--------------|------------|--------------|
| OpenLDAP | 2.4 | | | | |
| Active Directory | Windows Server 2012 R2 | Windows Server 2008 Windows Server 2008 R2 Windows Server 2012 | | | |
| RedHat Identity Server | | 9.0 9.1 | | 8.1 8.2 | |
| OpenDJ | | | 2.6 | | |
| OpenDS | | | 2.2 Update 1 | 1.2 2.0 | |

SSO Providers

| SSO Providers | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---------------|-------------|-------------------------------|--|------------|--------------|
| CAS | | 3.5 | 4.0 | | |
| SAML v2.0 | | SAML v2 2.0 IdP (*) | | | |
| SPNEGO | | Over Kerberos (MS Windows) | Over NTLM (MS Windows) Over Kerberos (Linux/Unix) | | |
| OpenAM | | 11.0 | 10.1 | | |

(*) Assumes eXo Platform is a SP

Web Browsers

| Web Browser | Recommended | Supported | Compatible | Deprecated | Incompatible |
|-------------|---|-----------|------------------------------|------------|-----------------------------|
| Windows | IE11 Firefox (latest stable) Chrome (latest stable) | IE10 | | IE 9 (*) | IE8 and below Safari 5.1 |
| Mac OS | Firefox (latest stable) Chrome (latest stable) | Safari 8 | Safari 7 | Safari 6 | Safari 5.1 |
| Linux | Firefox (latest stable) | | Chrome (latest stable) | | |

(*) Internet Explorer 9 may not benefit from an equivalent user experience due to limited compatibilities with modern html, css and javascript.

eXo Platform 4.1

Operating Systems and JVMs

| Operating System | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---------------------|----------------|----------------|--------------|------------|-------------------------------|
| Ubuntu 14.04 LTS | Oracle JDK 1.7 | | Open JDK 1.7 | | Oracle/Open JDK 1.6 and below |
| RHEL 6.4 | Oracle JDK 1.7 | | Open JDK 1.7 | | Oracle/Open JDK 1.6 and below |
| Windows Server 2012 | Oracle JDK 1.7 | | | | Oracle JDK 1.6 and below |
| Ubuntu 12.04 LTS | | Oracle JDK 1.7 | Open JDK 1.7 | | Oracle/Open JDK 1.6 and below |
| RHEL 5.10 | | Oracle JDK 1.7 | Open JDK 1.7 | | Oracle/Open JDK 1.6 and below |
| Windows Server 2008 | | Oracle JDK 1.7 | | | Oracle JDK 1.6 and below |
| AIX 7.1 | | | IBM SDK 7 | | IBM SDK 1.6 and below |

Application Servers

| Application Server | Recommended | Supported | Compatible | Deprecated | Incompatible |
|--------------------|-------------|-------------|------------|------------|---------------|
| Apache Tomcat | - | 7.0 (*)(**) | - | - | - |
| JBoss EAP | 6.2 | 6.1 | 6.3 | - | 6.0 and below |

(*) Apache Tomcat does not allow for clustered deployments (**) Apache Tomcat support assumes the usage of the bundled Tomcat.

Databases

| Database | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---------------|-------------|-----------------------|------------|------------|--------------|
| MySQL | 5.5 | 5.1 | 5.6 | | |
| Oracle | 11g R2 | 10g R2 11g R1 | 12c R1 | | |
| MS SQL Server | 2012 | 2008 R2 SP2 | 2008 R2 | | |
| PostgreSQL | | 9.3 (EnterpriseDB) | 9.2 9.3 | 8.4 9.1 | |
| IBM DB2 | | | 10.1 | 9.7 | |
| Sybase | | | | 15.7 ASE | |

Directory servers

| LDAP | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---------------------------|---------------------------|---|--------------|------------|--------------|
| OpenLDAP | 2.4 | | | | |
| Active Directory | Windows Server 2012 R2 | Windows Server 2008 Windows Server 2008 R2 Windows Server 2012 | | | |
| RedHat Identity Server | | 9.0 9.1 | | 8.1 8.2 | |
| OpenDJ | | | 2.6 | | |
| OpenDS | | | 2.2 Update 1 | 1.2 2.0 | |

SSO Providers

| SSO Providers | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---------------|-------------|-------------------------------|--|------------|--------------|
| CAS | | 3.5 | | | |
| OpenAM | | 11.0 | 10.1 | | |
| SAML v2.0 | | SAML v2 2.0 IdP (*) | | | |
| SPNEGO | | Over Kerberos (MS Windows) | Over NTLM (MS Windows) Over Kerberos (Linux/Unix) | | |

(*) Assumes eXo Platform is a SP

Web Browsers

| Web Browser | Recommended | Supported | Compatible | Deprecated | Incompatible |
|-------------|---|-----------|---------------------------|------------|-----------------------------|
| Windows | IE11 Firefox (latest stable) Chrome (latest stable) | IE10 | | IE 9 (*) | IE8 and below Safari 5.1 |
| Mac OS | Firefox (latest stable) Chrome (latest stable) | Safari 8 | Safari 7 | Safari 6 | Safari 5.1 |
| Linux | Firefox (latest stable) | | Chrome (latest stable) | | |

(*) Internet Explorer 9 may not benefit from an equivalent user experience due to limited compatibilities with modern html, css and javascript.

eXo Platform 4.0

Operating Systems and JVMs

| Operating System | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---------------------|----------------|----------------|--|------------|--------------|
| RHEL 6 | Oracle JDK 1.7 | | Open JDK 1.7 Oracle JDK 1.6 Open JDK 1.6 | | |
| RHEL 5 | Oracle JDK 1.7 | | Open JDK 1.7 Oracle JDK 1.6 Open JDK 1.6 IBM JDK 1.6 IBM JDK 1.7 | | |
| Windows Server 2008 | | Oracle JDK 1.7 | Oracle JDK 1.6 | | |

For each OS and JVM, the latest update is assumed

both x86 and x86_64 architectures are assumed

Application Servers

| Application Server | Recommended | Supported | Compatible | Deprecated | Incompatible |
|--------------------|-------------|-------------|------------|------------|---------------|
| Apache Tomcat | | 7.0 (*)(**) | | | |
| JBoss EAP | 6.1 | | 6.2 | | 6.0 and below |

(*) Apache Tomcat does not allow for clustered deployments

(**) Apache Tomcat support assumes the usage of the bundled Tomcat.

Databases

| Database | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---------------|-------------|------------------------------|------------|------------|--------------|
| MySQL | 5.5 | 5.1 | 5.6 | | |
| Oracle | 11g R2 | 10g R2 11g R1 | 12c R1 | | |
| MS SQL Server | 2008 R2 SP2 | 2008 R2 | 2012 | | |
| PostgreSQL | | 9.1 9.3 (EnterpriseDB) | 9.2 | 8.4 | |
| IBM DB2 | | | 9.7 | | |
| Sybase | | | 15.7 ASE | | |

Directory servers

| LDAP | Recommended | Supported | Compatible | Deprecated | Incompatible |
|-------------------------|---------------------|---|----------------------------|------------|--------------|
| OpenLDAP | 2.4 | | 2.2 Update 1 2.0 1.2 | | |
| Red Hat Identity Server | | | 9.0 8.2 8.1 7.1 | | |
| Active Directory | Windows Server 2012 | Windows Server 2008 R2 Windows Server 2008 | | | |

SSO Providers

| SSO Providers | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---------------|-------------|---------------|--------------------|------------|--------------|
| CAS | 3.5 | | | | |
| OpenAM | 10.0 | | 9.5 | | |
| SAML2 | | | Google, Salesforce | | |
| SNPEGO | | Over Kerberos | Over NTLM | | |

Web Browsers

| Web Browsers | Recommended | Supported | Compatible | Deprecated | Incompatible |
|--------------|---|------------------------|------------|------------|---------------|
| Windows | IE10 Firefox (latest stable) Chrome (latest stable) | IE9 | IE8 | | IE7 and below |
| Mac OS | Firefox (latest stable) Chrome (latest stable) | | | | |
| Linux | Firefox (latest stable) | Chrome (latest stable) | | | |

eXo Platform 3.5

Operating Systems and JVMs

| Operating System | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---------------------|--------------|----------------------------|------------|------------|--------------|
| RHEL 6 | Open JDK 1.6 | IBM JDK 1.6 Sun JDK 1.6 | | | |
| RHEL 5 | Open JDK 1.6 | IBM JDK 1.6 Sun JDK 1.6 | | | |
| Windows Server 2008 | Sun JDK 1.6 | | | | |
| Solaris 10 | Sun JDK 1.6 | | | | |

Application Servers

| Application Server | Recommended | Supported | Compatible | Deprecated | Incompatible |
|--------------------|-------------|-----------|------------|------------|--------------|
| Apache Tomcat | 6.0.32 | | | | |
| JBoss EAP | 5.1.1 | | | | |

Databases

| Database | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---------------|----------------------------|--|----------------|------------|--------------|
| MySQL | 5.5.14 5.1.36 | | | | |
| PostgreSQL | 8.4.6 | 8.2.4 8.3.7 | | | |
| Oracle | Oracle 11g R2 (11.2.0.1.0) | Oracle 11g R1 (11.1.0.6.0) Oracle 10g R2 (10.2.0.4) | Oracle 11g RAC | | |
| MS SQL Server | 2008 | 2005 (SP1) | | | |
| IBM DB2 | | | 9.7.4 | | |
| Sybase | | | 15.0.3 ASE | | |

Directory servers

| LDAP | Recommended | Supported | Compatible | Deprecated | Incompatible |
|-------------------------|---------------------|-----------|--------------|------------|--------------|
| OpenLDAP | 2.4 | | | | |
| OpenDS | 2.0 | 1.2 | | | |
| Red Hat Identity Server | | | 7.1 or later | | |
| Active Directory | Windows Server 2008 | | | | |

SSO Providers

| SSO Providers | Recommended | Supported | Compatible | Deprecated | Incompatible |
|---------------|-------------|-----------|------------|------------|--------------|
| CAS | 3.3 | | | | |
| OpenAM | 9.5 | | | | |
| OpenSSO | 8.0 | | | | |

Web Browser

| Web Browser | Recommended | Supported | Compatible | Deprecated | Incompatible |
|-------------|--|-----------------------|------------|------------|--------------|
| Windows | IE9 Firefox 4+ (latest stable) Chrome 5+ (latest stable) | IE8 Firefox 3.6 | IE7 | | IE6 |
| Mac OS | Firefox 4+ (latest stable) Safari 5 | Firefox 3.6 | | | |
| Linux | Firefox 4+ (latest stable) | Firefox 3.6 | | | |