

Oracle  
**Primavera**  
**Unifier Tested Configurations**

**Version 20**  
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# Tested Configurations

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This document covers the tested configurations for Primavera Unifier.

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**Note:** All platforms and technologies certified with a base Unifier version are also supported with the latest Unifier patch set for that version (unless specified). Before you install the latest version of a platform or technology, install the most recent Unifier patch set certified for it.

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Interim Patches as well as Quarterly Critical patch updates (CPUs) for tested Base versions of Oracle Platform Technologies listed in this document (Weblogic, Oracle DB, and Java) are also supported.

For information on certified platforms for Oracle and other third-party technologies, refer to the certification matrix of the respective technology and select the platform compatible with your Primavera applications and the respective technology.

Oracle Primavera Primavera Unifier has been tested on the following configurations and certifies this release to work on these platforms. Customers may choose to install Oracle Primavera Primavera Unifier on non-certified platforms but do so at their own risk. If any problems are found with non-certified platforms, then these may take longer to investigate and resolve by Oracle. Oracle will only test and have access to the tested platforms and configurations. In addition, the resolution for any issues with non-tested configurations could be a recommendation that to resolve the issue you will need to deploy the product on a tested platform. If it is still decided to deploy on a non-certified configuration, it is strongly recommended to fully test the product and non-certified platform in a test environment.

For your reference, please refer to the link below for the specific and complete Oracle Support terms and conditions:

**<http://www.oracle.com/support/collateral/oracle-technical-support-policies.pdf>**  
**[\(<http://www.oracle.com/support/collateral/oracle-technical-support-policies.pdf>\)](http://www.oracle.com/support/collateral/oracle-technical-support-policies.pdf)**

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## What's Changed

Review the table to learn about updates to this document.

### Change Record

Date	Change Reference
December 2020	▶ First published for this release.

## Systems - Oracle Database Information

### Database Platforms

Version	OS Version*	OS	Oracle Database *	Exceptions and Additional Information
20.12	Oracle Linux 7 (UL8)	64 bit	Oracle 19.8.0.0 Oracle 18.10.0.0	Oracle Autonomous Database is not supported. Minimum Memory and Disk Space Requirements: <ul style="list-style-type: none"> <li>▶ Requires 16GB memory (minimum)</li> <li>▶ Requires 500GB disk space (minimum)</li> </ul>

20.12	Red Hat EL 7 (UL8)	64 bit	Oracle 19.8.0.0 Oracle 18.10.0.0	Oracle Autonomous Database is not supported. Minimum Memory and Disk Space Requirements: <ul style="list-style-type: none"> <li>▶ Requires 4GB memory (minimum)</li> <li>▶ Requires 50GB disk space (minimum)</li> </ul>
20.12	Windows Server 2019	64 bit	Oracle 19.8.0.0 Oracle 18.10.0.0	Oracle Autonomous Database is not supported. Minimum Memory and Disk Space Requirements: <ul style="list-style-type: none"> <li>▶ Requires 4GB memory (minimum)</li> <li>▶ Requires 50GB disk space (minimum)</li> </ul>

20.12	Windows Server 2016	64 bit	Oracle 19.8.0.0 Oracle 18.10.0.0	Oracle Autonomous Database is not supported. Minimum Memory and Disk Space Requirements: <ul style="list-style-type: none"> <li>▶ Requires 4GB memory (minimum)</li> <li>▶ Requires 50GB disk space (minimum)</li> </ul>
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**\*OS Version:**

Tested with following fully localized international versions of OS:

- ▶ English
- ▶ Chinese Simplified
- ▶ French
- ▶ German
- ▶ Russian
- ▶ Spanish
- ▶ Brazilian Portuguese
- ▶ Japanese
- ▶ Korean
- ▶ Chinese Traditional
- ▶ Italian

Unifier supports Oracle Virtual Machine as Virtualization platform.

Unifier is tested using the Enterprise Edition for the Operating System Platforms and certifies this product edition to work on the platforms as listed above.

**\*Oracle Database:**

- ▶ Unifier supports RAC (Real Application Cluster), Transparent Data Encryption, Data Guard features on Oracle Database.
- ▶ Unifier supports UTF 8, AL32UTF 8, Western European character sets for Oracle Database.
- ▶ Unifier does not support any version of Oracle XE database.
- ▶ Unifier is tested using the Enterprise Edition for the Database and certifies this product edition to work on the platforms as listed above.

Although untested, Unifier should be fully operational (except EVM feature) with usage of the following editions as well:



- ▶ Standard Edition
- ▶ Standard Edition One
- ▶ Personal Edition

See the **Tested Configuration** (on page 5) topic for further consideration of non-tested platforms.

- ▶ For Unifier EVM feature, DB partitioning license is needed.

## Applications and Web Server

### Tested Applications and Web Servers

Version Supported*	Category	OS Version	Product	Version	Application	JDK Vendor Version*	JDK	Exceptions and Additional Information
20.12	Application Server	Oracle Linux 7(UL8)	Oracle WebLogic Server	12.2.1.4	64 bit	Oracle JDK 1.8.0_271	64 bit	Minimum Memory and Disk Space Requirements: <ul style="list-style-type: none"> <li>▶ 4GB memory (minimum)</li> <li>▶ 50GB disc space (minimum)</li> </ul>

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20.12	Application Server	Red Hat EL 7 (UL8)	Oracle WebLogic Server	12.2.1.4	64 bit	Oracle JDK 1.8.0_271	64 bit	<p>Minimum Memory and Disk Space Requirements:</p> <ul style="list-style-type: none"> <li>▶ 4GB memory (minimum)</li> <li>▶ 50GB disc space (minimum)</li> </ul>
20.12	Application Server	Windows Server 2016 Windows Server 2019	Oracle WebLogic Server	12.2.1.4	64 bit	Oracle JDK 1.8.0_271	64 bit	<p>Minimum Memory and Disk Space Requirements:</p> <ul style="list-style-type: none"> <li>▶ 6GB memory (minimum)</li> <li>▶ 100GB disc space (minimum)</li> </ul>

20.12	Web Server	Oracle Linux 7 (UL8)	Oracle HTTP Server	12.2.1.4 .0	64 bit	n/a	n/a	
20.12	Web Server	Red Hat EL 7 (UL8)	Oracle HTTP Server	12.2.1.4 .0	64 bit	n/a	n/a	
20.12	Web Server	Windows Server 2016 Windows Server 2019	Oracle HTTP Server	12.2.1.4 .0	64 bit	n/a	n/a	
20.12	Web Server	Windows Server 2016 Windows Server 2019	Microsoft Internet Information Server	10	n/a	n/a	n/a	

**\*Version Supported**

Unifier

- ▶ Supports Java Application Server Cluster set up on Oracle WebLogic 12.2.1.4 with Oracle Java version 8.0 update 271 (JDK 1.8.0\_271).
- ▶ Supports Oracle Fusion Middleware Infrastructure Software 12.2.1.4.0
- ▶ Supports both Application Server and Client Tier with SSL for Oracle WebLogic 12.2.1.4 with Oracle Java version 8.0 update 271 (JDK 1.8.0\_271).
- ▶ Supports WebLogic as a proxy server.
- ▶ Supports Oracle Virtual Machine as Virtualization platform.
- ▶ Is tested using the Enterprise Edition for the Operating System Platforms and certifies this product edition to work on the platforms as listed above. Refer to the menu page for further consideration of non-tested platforms.

## Integrations and 3rd Party Applications

### Integrations and 3rd Party Application Information

Version	Category	Product	Version	Exceptions and Additional Information
20.12	Visualization Software	Oracle AutoVue 3D Professional Advanced	21.0.2	Oracle Autovue is tested only with the following Content Repositories-W CC 12.2.1.4 and CMIS (Alfresco and Sharepoint)
20.12	Visualization Software	Oracle AutoVue 2D Professional	21.0.2	Oracle Autovue is tested only with the following Content Repositories-W CC 12.2.1.4 and CMIS (Alfresco and Sharepoint)
20.12	Enterprise Administration	Oracle Enterprise Manager	13.3	OEM is tested with Unifier only when it is deployed on Oracle WebLogic Application server.
20.12	Access Provisioning System	Oracle Identity Manager	12.2.1.3	OIM is tested with Unifier only when it is deployed on Oracle WebLogic Application server.
20.12	Primavera Unifier Reporting	Oracle Business Intelligence Publisher (BI Publisher)	12.2.1.4.0	Supported BI Publisher 12.2.1.4.0 for unifier reporting

20.12	Application Hosting	Secure Global Desktop	5.5	
20.12	Configurator	uClient Configurator	20.12	Primavera Primavera Unifier application that is automatically installed.
20.12	Content Repository*	Oracle WebCenter Content Core Capabilities (WCC) 11gR1	12.2.1.4	Used for File Repository Folders_g is no longer supported.
20.12	Content Repository*	Microsoft Sharepoint Enterprise Edition	2016	Used for File Repository. Sharepoint is supported only through CMIS.
20.12	Content Repository*	Content Management Interoperability Services	n/a	CMIS connector supports all repositories which are 100% CMIS compliant CMIS connector is tested with Sharepoint, Alfresco content repositories
20.12	PDF Utility	Adobe Acrobat (or other) PDF writer	9,10	Used to create PDF files for custom business process (BP) help files
20.12	PDF Utility	Adobe Acrobat Reader	11.x, 2015.x	Used to view PDF files.
20.12	XML Form Designer	Adobe LiveCycle Designer	ES4	Used to view online media. Available for download from <a href="http://www.adobe.com/products/livecycle.html">http://www.adobe.com/products/livecycle.html</a>

20.12	File Viewer	AutoCAD	2011, 2012,2013,2014 ,2015,2016,2017	Used to work with drawings in the Space Manager; to install uCAD
20.12	MS Office	Microsoft Excel	2013, 2016	Used to create .csv files for data import and export
20.12	Schedule Developer	Microsoft Project	2013 SP1, 2016	Used to create a schedule file, which can be imported into a schedule sheet

### Integration with Primavera Applications

Version Supported	Product*	Version	Application / Web Server	"JDK Vendor Version"	Exceptions and Additional Information
20.12	Primavera P6 Enterprise Project Portfolio Management	20.12	Oracle WebLogic 12.2.1.4	Oracle JDK 1.8.0_271	Unifier v20.12 is supported with P6 Web and P6 Professional applications only. There are some limitations in the integration when Gateway/Unifier/P6 are in end-end SSL. Integration may not work and test connection issues might occur.

20.12	Oracle Primavera Gateway	20.12	Oracle WebLogic 12.2.1.4	Oracle JDK 1.8.0_271	Integration between Unifier 20.12 and P6 20.12 is done through Gateway 20.12 P6 - Unifier integration is tested only with WebLogic application server for all the products. There are some limitations in the integration when Gateway/Unifier/P6 are in end-end SSL. Integration may not work and test connection issues might occur.
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**\* Product**

Refer Primavera P6 Enterprise Project Portfolio Management Release 20.12 and Primavera Gateway 20.12 Tested Configurations for more information.

**Primavera Data Warehouse and Primavera Analytics**

Version Supported	Product	Release	"OBIEE Version"	Exceptions and Additional Information
20.12	Primavera Data Warehouse	20.12	12.2.1.4	Unifier from a SQL Server source is NOT supported.
20.12	Primavera Analytics	20.12	12.2.1.4	Unifier from a SQL Server source is NOT supported.

## LDAP and SSO

### User Directory Support

Version	Category	Product*	Version	Exceptions and Additional Information
20.12	User Directory	Oracle Internet Directory	12.2.1.4	Tested Direct LDAP Binding and with OAM as well.
20.12	User Directory	Active Directory	Windows Server 2016	Tested Direct LDAP Binding and with OAM as well.
20.12	User Directory	Oracle Directory Server Enterprise Edition	11.1.1.7.3	
20.12	User Directory	Oracle Unified Directory	12.2.1.4	
20.12	WebLogic Authentication	Oracle WebLogic	12.2.1.4	WebLogic Authentication is tested only when Unifier is deployed on webLogic application server.



### Single Sign On Support

Version	Category	Product*	Version	Exceptions and Additional Information
20.12	Single Sign On	Oracle Access Manager	12.2.1.4.0	OAM is tested with Unifier, only when it is deployed on Oracle WebLogic Application server. Unifier supports Oracle Identity Federation 12.2.1.4 and SAML 2.0
20.12	Single Sign On	Shibboleth	3.3.3.0.0	Unifier supports SAML 2.0

#### \*Product

"Single Sign On" support is tested only with Oracle WebLogic Server (application server) and OHTTP (web server)

"Single Sign On" support with Shibboleth is tested only with Tomcat (application server) and Apache (web server)

## Client and Browser

### Client and Browser Support

Version Supported	Client OS/ Email Clients	Client OS 32/64 bit	Supported Browsers	Exceptions and Additional Information
20.12	Windows 10	64 bit	Firefox 68 (ESR) + Chrome 78 + Microsoft Edge 44+	JRE is used for Markups

20.12	Mac OS X 10.15 (Catalina)	64 bit	Safari 13.x + Firefox 68 (ESR) + Chrome 78 +	JRE is used for Markups
20.12	iOS 14.x (iPad and iPhone) The minimum supported iOS version for Unifier app is 11.0.	n/a	n/a	Supported for only Unifier Mobile Native iOS App
20.12	Android Marshmallow 6.0 Android Nougat 7.1 Android Oreo 8.1 The minimum supported Android OS version for Unifier app is 6.0.	n/a	n/a	Supported for only Unifier Mobile Native Android App

## Localization

### Localizations

Version Supported	Language Code	Language	Exceptions and Additional Information
20.12	EN	English	English help
20.12	CH_CN	Chinese Simplified	English help
20.12	FR	French	English help
20.12	DE	German	English help
20.12	RU	Russian	English help
20.12	ES_ES	Spanish	English help
20.12	PT_BR	Brazilian Portuguese	English help
20.12	JA	Japanese	English help

20.12	KO	Korean	English help
20.12	CH_TW	Chinese Traditional	English help
20.12	IT	Italian	English help
20.12	NL	Dutch	English help

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