

Oracle
Primavera Unifier
Tested Configurations

Version 22
December 2023

Oracle Primavera Unifier Tested Configurations
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Tested Configurations

This document details the tested configuration for Oracle Primavera Unifier network or database administrator, and it includes a list of applications and supported version levels.

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.

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>)

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What's Changed

Review the table to learn about updates to this document.

Change Record

| Date | Change Reference |
|---------------|---|
| December 2023 | Integrations and 3rd Party Applications |
| December 2022 | Integrations and 3rd Party Applications Client and Browser Localization |

Systems - Oracle Database Information

Database Platforms

| Version | OS Version* | OS | Oracle Database * | Exceptions and Additional Information |
|---------|----------------------|--------|-------------------|---|
| 22.12 | Oracle Linux 7 (UL9) | 64 bit | Oracle 19.13.0.0 | Oracle Autonomous Database is not supported. Minimum Memory and Disk Space Requirements: <ul style="list-style-type: none"> ▶ Requires 16GB memory (minimum) ▶ Requires 500GB disk space (minimum) |

| | | | | |
|-------|---------------------|--------|-------------------------------------|---|
| 22.12 | Red Hat EL 7 (UL9) | 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"> ▶ Requires 4GB memory (minimum) ▶ Requires 50GB disk space (minimum) |
| 22.12 | 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"> ▶ Requires 4GB memory (minimum) ▶ Requires 50GB disk space (minimum) |

| | | | | |
|-------|---------------------|--------|-------------------------------------|--|
| 22.12 | 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">▶ Requires 4GB memory (minimum)▶ Requires 50GB disk space (minimum) |
|-------|---------------------|--------|-------------------------------------|--|

***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 |
|--------------------|--------------------|---------------------|------------------------|------------------|-------------|----------------------|--------|---|
| 22.12 | Application Server | Oracle Linux 7(UL9) | Oracle WebLogic Server | 12.2.1.4 .220929 | 64 bit | Oracle JDK 1.8.0_351 | 64 bit | Minimum Memory and Disk Space Requirements: <ul style="list-style-type: none"> ▶ 4GB memory (minimum) ▶ 50GB disc space (minimum) |

Tested Configurations

| | | | | | | | | |
|-------|--------------------|--|------------------------|------------------|--------|----------------------|--------|---|
| 22.12 | Application Server | Red Hat EL 7 (UL9) | Oracle WebLogic Server | 12.2.1.4 .220929 | 64 bit | Oracle JDK 1.8.0_351 | 64 bit | <p>Minimum Memory and Disk Space Requirements:</p> <ul style="list-style-type: none"> ▶ 4GB memory (minimum) ▶ 50GB disc space (minimum) |
| 22.12 | Application Server | Windows Server 2016 Windows Server 2019 | Oracle WebLogic Server | 12.2.1.4 .220929 | 64 bit | Oracle JDK 1.8.0_351 | 64 bit | <p>Minimum Memory and Disk Space Requirements:</p> <ul style="list-style-type: none"> ▶ 6GB memory (minimum) ▶ 100GB disc space (minimum) |

| | | | | | | | | |
|-------|--------------------|----------------------|------------------------|-------------|--------|--------------------|--------|---|
| 22.12 | Application Server | Oracle Linux 7 (UL9) | Oracle WebLogic Server | 14.1.1.0 .0 | 64 bit | Oracle JDK 11.0.17 | 64 bit | Minimum Memory and Disk Space Requirements: <ul style="list-style-type: none"> ▶ 4GB memory (minimum) ▶ 50GB disc space (minimum) |
| 22.12 | Application Server | Red Hat EL 7 (UL9) | Oracle WebLogic Server | 14.1.1.0 .0 | 64 bit | Oracle JDK 11.0.17 | 64 bit | Minimum Memory and Disk Space Requirements: <ul style="list-style-type: none"> ▶ 4GB memory (minimum) ▶ 50GB disc space (minimum) |

Tested Configurations

| | | | | | | | | |
|-------|------------|--|---------------------------------------|----------|--------|--------------------|--------|--|
| 22.12 | Web Server | Windows Server 2016 Windows Server 2019 | Oracle WebLogic Server | 14.1.1.0 | 64 bit | Oracle JDK 11.0.17 | 64 bit | Minimum Memory and Disk Space Requirements: <ul style="list-style-type: none"> ▶ 6GB memory (minimum) ▶ 100 GB disc space (minimum) |
| 22.12 | Web Server | Oracle Linux 7 (UL9) | Oracle HTTP Server | 12.2.1.4 | 64 bit | n/a | n/a | n/a |
| 22.12 | Web Server | Red Hat EL 7 (UL9) | Oracle HTTP Server | 12.2.1.4 | 64 bit | n/a | n/a | n/a |
| 22.12 | Web Server | Windows Server 2016 Windows Server 2019 | Oracle HTTP Server | 12.2.1.4 | 64 bit | n/a | n/a | n/a |
| 22.12 | Web Server | Windows Server 2016 Windows Server 2019 | Microsoft Internet Information Server | 10 | n/a | n/a | n/a | n/a |

***Version Supported**

Unifier

- ▶ Supports Java Application Server Cluster set up on Oracle WebLogic 14.1.1.0.0 with Oracle Java version 11.0 update 17 (JDK 11.0.17) and Oracle WebLogic 12.2.1.4.0 with Oracle Java version 8.0 update 351 (JDK 1.8.0_351).
- ▶ Supports Oracle Fusion Middleware Infrastructure Software 12.2.1.4.0
- ▶ Supports both Application Server and Client Tier with SSL for Oracle WebLogic 14.1.1.0.0 with Oracle Java version 11.0 update 17 (JDK 11.0.17) and Oracle WebLogic 12.2.1.4.0 with Oracle Java version 8.0 update 351 (JDK 1.8.0_351).
- ▶ 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 Third-Party Application Information

| Version | Category | Product | Version | Exceptions and Additional Information |
|---------|---------------------------|---|---------|--|
| 22.12 | 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) |
| 22.12 | 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) |
| 22.12 | Enterprise Administration | Oracle Enterprise Manager | 13.3 | OEM is tested with Unifier only when it is deployed on Oracle WebLogic Application server. |

Tested Configurations

| | | | | |
|-------|-----------------------------|---|------------|--|
| 22.12 | 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. |
| 22.12 | Primavera Unifier Reporting | Oracle Business Intelligence Publisher (BI Publisher) | 12.2.1.4.0 | |
| 22.12 | Primavera Unifier Reporting | Oracle Analytics Publisher | 7.0 | Oracle Analytics Publisher is available with Oracle Analytics Server and can be deployed as integrated product or as standalone. Prepare your environment first by installing Java Developers Kit 8 (JDK8) and Web Logic Server 12.2.1.4 , Install Analytics Server and then Configure Analytics Publisher by running Configuration Assistant. |
| 22.12 | Application Hosting | Secure Global Desktop | 5.5 | |

| | | | | |
|-------|--|--|--------------|---|
| 22.12 | Configurator | uClient Configurator | 22.12 | Primavera Unifier application that is automatically installed. |
| 22.12 | Content Repository* | Oracle WebCenter Content Core Capabilities (WCC) 11gR1 | 12.2.1.4 | Used for File Repository Folders_g is no longer supported. |
| 22.12 | Content Repository* | Microsoft Sharepoint Enterprise Edition | 2016 | Used for File Repository. Sharepoint is supported only through CMIS. |
| 22.12 | 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 |
| 22.12 | PDF Utility | Adobe Acrobat (or other) PDF writer | 9,10 | Used to create PDF files for custom business process (BP) help files |
| 22.12 | PDF Utility | Adobe Acrobat Reader | 11.x, 2015.x | Used to view PDF files. |
| 22.12 | MS Office | Microsoft Excel | 2013, 2016 | (Required) Used to create Excel (xlsx) files. |
| 22.12 | Schedule Developer & Schedule Management | Microsoft Project | Standard | Used to create a schedule file, which can be imported into a schedule sheet and an activity sheet. |

Integration with Primavera Applications

| Version Supported | Product* | Version | Application / Web Server | "JDK Vendor Version" | Exceptions and Additional Information |
|-------------------|--|---------|--|--|--|
| 22.12 | Primavera P6 Enterprise Project Portfolio Management | 22.12 | Oracle WebLogic 14.1.1.0.0 Oracle WebLogic 12.2.1.4.0 | Oracle JDK 11.0.17 Oracle JDK 1.8.0_351 | Unifier 22.12 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. |

| | | | | | |
|-------|--------------------------|-------|--|--|---|
| 22.12 | Oracle Primavera Gateway | 22.12 | Oracle WebLogic 14.1.1.0.0 Oracle WebLogic 12.2.1.4.0 | Oracle WebLogic 14.1.1.0.0 Oracle WebLogic 12.2.1.4.0 | Integration between Unifier 22.12 and P6 22.12 is done through Gateway 22.12 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. |
|-------|--------------------------|-------|--|--|---|

*** Product**

Refer Primavera P6 Enterprise Project Portfolio Management Release 22.12 and Primavera Gateway 22.12 Tested Configurations for more information.

Primavera Data Warehouse and Primavera Analytics

| Version Supported | Product | Release | "OBIEE Version" | Exceptions and Additional Information |
|-------------------|--------------------------|---------|-----------------|--|
| 22.12 | Primavera Data Warehouse | 22.12 | 12.2.1.4 | Unifier from a SQL Server source is NOT supported. |

| | | | | |
|-------|---------------------|-------|----------|--|
| 22.12 | Primavera Analytics | 22.12 | 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 |
|---------|-------------------------|---------------------------|--------------------------|---|
| 22.12 | User Directory | Oracle Internet Directory | 12.2.1.4 | Tested Direct LDAP Binding and with OAM as well. |
| 22.12 | User Directory | Active Directory | Windows Server 2016 | Tested Direct LDAP Binding and with OAM as well. |
| 22.12 | User Directory | Oracle Unified Directory | 12.2.1.4 | n/a |
| 22.12 | WebLogic Authentication | Oracle WebLogic | 14.1.1.0.0 12.2.1.4.0 | 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 |
|---------|----------------|-----------------------|------------|--|
| 22.12 | 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 |
| 22.12 | 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 |
|-------------------|---------------------------|---------------------|--|---------------------------------------|
| 22.12 | Windows 10 | 64 bit | Google Chrome 101.x+ Microsoft Edge 101.x+ Mozilla Firefox 91+ (ESR) | JRE is used for Markups |
| 22.12 | Mac OS X 10.15 (Catalina) | 64 bit | Google Chrome 101.x+ Mozilla Firefox 91+ (ESR) | JRE is used for Markups |

| Version Supported | Client OS/ Email Clients | Client OS 32/64 bit | Supported Browsers | Exceptions and Additional Information |
|-------------------|---|---------------------|--------------------|--|
| | | | Safari 13.x + | |
| 22.12 | 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 |
| 22.12 | 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 |
|-------------------|---------------|--------------------|---------------------------------------|
| 22.12 | AR | Arabic | English help |
| 22.12 | EN | English | English help |
| 22.12 | CH_CN | Chinese Simplified | English help |
| 22.12 | FR | French | English help |
| 22.12 | DE | German | English help |

| | | | |
|-------|-------|----------------------|--------------|
| 22.12 | RU | Russian | English help |
| 22.12 | ES_ES | Spanish | English help |
| 22.12 | PT_BR | Brazilian Portuguese | English help |
| 22.12 | JA | Japanese | English help |
| 22.12 | KO | Korean | English help |
| 22.12 | CH_TW | Chinese Traditional | English help |
| 22.12 | IT | Italian | English help |
| 22.12 | NL | Dutch | English help |