Oracle E-Business Suite Release Notes for macOS Clients, Release 12

KA1220

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Service
Oracle Applications DBA, Oracle E-Business Suite Technology Stack

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# Applies To

Oracle E-Business Suite Technology Stack - All Versions

# Summary

This knowledge document describes the requirements for macOS clients certified for use with Oracle E-Business Suite Releases 12.2 and 12.1.

# Details

Oracle E-Business Suite Release Notes for macOS Clients, Release 12

This knowledge document describes the requirements for macOS clients certified for use with Oracle E-Business Suite Releases 12.2 and 12.1.

The most current version of this document can be obtained in My Oracle Support article KA1220.

Check the Change Log to find the latest updates.

This document (along with related ones listed in the References section) contains important information that you should read and understand before you begin to use the macOS desktop client with Oracle E-Business Suite Release 12. This note contains the following sections:


- Section 1: Overview
- Section 2: Requirements
- Section 3: Required Patches
- Section 4: Known Restrictions and Issues

- Section 5: Appendix


# Section 1: Overview

Oracle E-Business Suite Release 12.2 is certified with macOS Tahoe, Sequoia, and Sonoma using the Firefox ESR and Chrome browsers. Oracle E-Business Suite Release 12.1.3 is certified with macOS Tahoe, Sequoia, and Sonoma with the Firefox ESR browser.

Previous client certifications included macOS Ventura, Monterey, Big Sur, Catalina, Mojave, High Sierra, Sierra and OS X El Capitan.

The versions of macOS currently certified for Oracle E-Business Suite use Java Web Start (see Software Requirements section below for details).

# Section 2: Requirements

To achieve optimal performance, you must have adequate CPU power and memory on the macOS client. Oracle recommends the following configuration settings.

### Hardware Requirements (Back to Top)

The macOS client must have 800 x 600 minimum display resolution (1024 x 768 or higher is preferred). For a complete description of macOS requirements (including processor, RAM, and disk requirements), review Apple's informational web page at:

https://support.apple.com/macos/upgrade

### Software Requirements (Back to Top)

The following desktop software are the minimum versions tested and certified with Oracle E-Business Suite:

macOS Tahoe:

- macOS Tahoe 26.1 and later
- Firefox ESR 140.x using Java Web Start (JWS)
- Chrome version 142 and later using Java Web Start (JWS)[1]
- JRE 8 Update 481 (version 1.8.0_481-b10) and later for Firefox ESR and Chrome

macOS Sequoia:

- macOS Sequoia 15.1 and later
- Firefox ESR 140.x or 128.x using Java Web Start (JWS)
- Chrome version 130 and later using Java Web Start (JWS)[1]

- JRE 8 Update 431 (version 1.8.0_431-b10) and later for Firefox ESR and Chrome

macOS Sonoma:

- macOS Sonoma 14.2 and later[2]
- Firefox ESR 115.x or 128.x using Java Web Start (JWS)
- Chrome version 119 and later using Java Web Start (JWS)[1]
- JRE 8 Update 391 (version 1.8.0_391-b13) and later for Firefox ESR and Chrome

[1] This browser is certified for Oracle E-Business Suite Release 12.2 only.
[2] There is a bug with macOS Sonoma 14.4 running on Apple silicon (such as the M1, M2, and M3 chips) that causes Java processes to terminate unexpectedly. You should skip upgrades to macOS Sonoma 14.4 and go directly to macOS Sonoma 14.4.1 or later if you are running macOS on Apple silicon.

You should ensure that your macOS version is in compliance with Apple's security updates, along with browser and JRE updates.

**Note:**

- Oracle E-Business Suite Release 12 is not certified with browsers on macOS other than those listed above. Safari 12 or later is not certified with Oracle E-Business Suite due to the removal of support for NPAPI plugins in the browser which is required for use with Oracle Forms and the Java Plug-in.
- It is highly recommended that you use newer versions of macOS, as well as Firefox ESR or Chrome, with Oracle E-Business Suite on macOS clients. For further information, see My Oracle Support article KA1203, *Oracle E-Business Suite Desktop Client Hardware and Software Requirements* and KA1016, *Using Java Web Start with Oracle E-Business Suite*.
- Information in this document is not relevant to Safari on iOS (for use in mobile devices from Apple). For information on Apple iPads, see My Oracle Support article KB852706, *Using Apple iPads (iOS) with Oracle E-Business Suite Release 12*.

## macOS Settings Specific to Oracle E-Business Suite Release 12 (Back to Top)

Use the following settings to improve performance and usability on the client tier.

**For System Preferences (in the desktop's Dock):**

- In 'Displays > Resolutions': Select '1024 x 768 or higher' (recommended), or '800 x 600' (minimum).
- In 'Dock: Select 'Automatically hide and show the Dock' (for users with limited screen area).

You should also review all settings and requirements relevant to macOS in the My Oracle Support article KA1039, *Recommended Browsers for Oracle E-Business Suite Releases 12.2 and 12.1*.

# Section 3: Required Patches

The following are the minimum required releases and patches:

- Oracle E-Business Suite Releases 12.1.3 and 12.2.4 are the minimum baseline release requirements for Release 12.1 and Release 12.2 respectively.
- Apply AS 10g Forms overlay Patch 14825718. For the most recent Forms overlay patch and other required patches, see "Step 2.1.2: Download Additional Patches Required" in My Oracle Support article KA1069, *Upgrading OracleAS 10g Forms and Reports in Oracle E-Business Suite Release 12*. For further information, see My Oracle Support article KB858184, *Applying OracleAS 10g Forms and Reports Patches to Oracle E-Business Suite Release 12*.
- For use with SSL enablement, the 10.1.0.5 version of Patch 6370967 is required. This patch is included in the April 2011 AS 10.1.3.5 CPU patch and later (for more information on CPU patch releases, please see https://www.oracle.com/security-alerts/).
- For Oracle E-Business Suite Release 12.2 and the use of SSL, apply Patch 17555224 to the FMW Oracle Home by following its readme file. This is a webtier security patch for FMW 11.1.1.7 - it is recommended to use the July 2022 CPU (Patch 34251646) or later with FMW 11.1.1.9. You should review the latest security fixes available in My Oracle Support article KA923, *Identifying the Latest Critical Patch Update for Oracle E-Business Suite Release 12*.
- For Oracle E-Business Suite Release 12.1 and the use of SSL, apply Patch 19568561 to the 10.1.3 Oracle Home by following its readme file. This patch is included in the latest 10.1.3.5 CPU Patch 21845960. See My Oracle Support article KA1154, *Oracle E-Business Suite Release 12.1 Security Updates (January 2023)*.

To use Firefox ESR or Chrome with Java Web Start (JWS), you should review all required patches listed in My Oracle Support article KA1016, *Using Java Web Start with Oracle E-Business Suite*.

# Section 4: Known Restrictions and Issues

This section describes the restrictions and issues and contains the following topics:


- General Restrictions and Issues
- Oracle E-Business Suite Release 12 Restrictions and Issues
- Firefox ESR Restrictions and Issues
- Internationalization Notes

## General Restrictions and Issues (Back to Top)

The following are general restrictions pertaining to the use of macOS and Oracle E-Business Suite:

- Users should use caution when defining a function key resource because it may affect function key use in Oracle E-Business Suite. The macOS desktop also includes a feature called Exposé, which redefines certain keys (F9, F10, F11) to perform particular desktop shortcuts by default. This will affect some shortcut function key use in Forms like Query Mode. For more information on function keys on macOS, please see https://support.apple.com/en-us/HT204436.
- Use of mnemonic shortcuts (with the Alt key as in Windows) is not supported on the macOS user interface and therefore does not work with Oracle Forms-based applications.
- Forms Focus issue: Clicking outside the frame during forms launch may cause a loss of focus when running with JRE 8.
- Java Web Start protocol handlers are de-registered after an OS upgrade on macOS - you may notice that Oracle Forms stops working after an upgrade to a newer version of macOS. See this note in the Java Release Notes for more information, including the need to re-install Java on macOS if necessary.

## Oracle E-Business Suite Release 12 Restrictions and Issues (Back to Top)

The following restrictions and known issues apply to the use of Oracle E-Business Suite Release 12 on the macOS client:

- The following Oracle E-Business Suite Release 12 products are not certified for macOS:
  - Oracle E-Business Suite Release 12 ADI and Web ADI.
- The Product Workbench application in Oracle Product Information Management (PIM) relies on an ActiveX plugin for its launch and use - since this technology is not available on macOS, Product Workbench is unavailable on macOS.
- Oracle Advanced Planning: Clicking the right mouse button in the Key Indicators window does not work.
- Rich Text Editor issues:
  - Oracle Contracts: When accessibility is set to none, and you want to add variables to the clause text in Create Clause, Update Clause, or Make Non-Standard Clause, go to plain text mode by clicking the Change to Plain Text Mode link.
  - Oracle Marketing: The advanced HTML editing features of the Rich Text Editor are not enabled due to browser limitations. Oracle Marketing, Oracle One-to-One Fulfillment, and Oracle Content Management product users can set the user-level profile option of Self Service Accessibility Feature to Standard Accessibility to enable editing of HTML source instead.

    - Oracle Sourcing: Text editing disabled when adding a requirements description during the creation of a new Requirement for a Section in a RFQ in 'Rich Text Mode'. Click on the 'Change to Plain Text Mode' to enable this.
- Document generation (.rtf format) for Proposals in Oracle Proposals Administration may produce unexpected text with Microsoft Office on the Mac.
- Importing text from rtf files created on macOS in Knowledge Management can result in extra characters being displayed.
- XML Report output using the RTF format is missing certain header info (Report name, logo, date, page numbers) when viewed with the default TextEdit editor on Mac desktops. Users should use alternative formats (PDF, HTML, EXCEL) or use Microsoft Word Office to generate and view XML reports.
- Users should review Oracle E-Busines Suite product-specific documentation for support of Microsoft Office versions - for example, Oracle Proposals does not currently support MS Word 2008 with Release 12.1. Also iRecruitment has issues with indexing and previewing .docx files using Oracle Database 10gR2. Starting with macOS Catalina (10.15), only 64-bit applications on the desktop are supported - thus the MS Office for Mac version installed and certified to work with E-Business Suite must be Office 2016 or later.
- For Java Web Start issues on macOS, you should review the 'Known Issues' section of KA1016, *Using Java Web Start with Oracle E-Business Suite*.

### Firefox ESR and Chrome Restrictions and Issues (Back to Top)

Review the known issues Section 3.5 for Firefox ESR and Chrome in the My Oracle Support article KA1039, *Recommended Browsers for Oracle E-Business Suite Release 12*.

### Internationalization Notes (Back to Top)

Review the 'Platform Notes' section of the My Oracle Support article KA1005, *Internationalization Update Notes for Release 12* for more information on supported OS versions and known issues for non-English macOS desktops.

# Section 5: Appendix

The following are related macOS My Oracle Support Notes:

- KA1039, *Recommended Browsers for Oracle E-Business Suite Releases 12.2 and 12.1*
- KA1203, *Oracle E-Business Suite Desktop Client Hardware and Software Requirements*
- KA1016, *Using Java Web Start with Oracle E-Business Suite*
- KA1005, *Internationalization Update Notes for Release 12*
- KA1059, *Enhanced Jar Signing for Oracle E-Business Suite*

# Change Log

| Date | Description |
|---|---|
| 2026-02-05 | • 12.2 certified with macOS Tahoe (FF ESR 140 and Chrome).<br>• 12.1.3 certified with macOS Tahoe (FF ESR 140). |
| 2025-01-16 | • 12.2 certified with macOS Sequoia (FF ESR 128 and Chrome).<br>• 12.1.3 certified with macOS Sequoia (FF ESR 128).<br>• FF ESR 128 certs with macOS Sonoma and Ventura. |
| 2024-04-05 | • Documented issue with macOS Sonoma 14.4 on Apple silicon. |
| 2024-03-14 | • 12.2 and 12.1.3 certified with Sonoma with FF ESR 115 and Chrome 119.<br>• Added FF ESR 115 for Ventura and Monterey. |
| 2023-06-12 | • 12.1.3 certified with Ventura.<br>• Added Java protocol handler missing after an OS upgrade to known issues.<br>• Added Oracle Sourcing to 'Rich Text Editor' known issues. |
| 2023-05-09 | • macOS Ventura with Firefox ESR 102 and Chrome for 12.2.<br>• macOS Monterey, Big Sur with Chrome for 12.2.<br>• Misc fixes for links and docs standards. |
| 2022-03-18 | • macOS Monterey with Firefox ESR 91.x certified. |
| 2021-08-27 | • macOS Big Sur with Firefox ESR 78.x certified. |
| 2020-08-10 | • Firefox ESR 78.x certified. |
| 2020-04-06 | • macOS Catalina (10.15) certified. |
| 2019-09-27 | • Firefox ESR 68.x certified. |
| 2018-12-21 | • macOS Mojave (10.14) certified. |
| 2018-10-17 | • Firefox ESR with JWS certified on macOS High Sierra. |

| | |
|---|---|
| 2018-05-07 | • macOS High Sierra (10.13) certified. |
| 2017-12-22 | • Safari 11 (on El Capitan and macOS Sierra) certified. |
| 2017-04-04 | • Clarified that Saf 10 only certified for English. |
| 2017-03-31 | • Added macOS Sierra (10.12) and Safari 10. |
| 2016-07-20 | • Added Mac OS X v 10.11 (El Capitan) and Safari 9.<br>• Removed older unsupported OS X versions. |
| 2014-11-17 | • Added JRE 8. |
| 2014-01-13 | • Added Mac OS X v10.9 (Mavericks). |
| 2013-04-19 | • Initial release of the document. |

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