

Oracle® Fusion Middleware

Release Notes for Oracle Fusion Middleware Infrastructure



14c (14.1.2.0.0)

F85535-01

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The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

ORACLE®

Oracle Fusion Middleware Release Notes for Oracle Fusion Middleware Infrastructure, 14c (14.1.2.0.0)

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Preface

Oracle Fusion Middleware Infrastructure release notes summarizes the release information related to the issues fixed, general issues and their workaround, deprecated and removed functionalities, and more.

Audience

This document is intended for users of Oracle Fusion Middleware.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Related Documents

For more information, see the following resources:

- [Oracle Fusion Middleware Documentation](#)
This contains all documentation for all Oracle Fusion Middleware products.
- [Oracle Technology Network](#)
This site contains additional documentation that is not included as part of the documentation libraries.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

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Introduction

This chapter contains the information about the latest release. It has the links to the latest System Requirements and Certifications.

Topics

Latest Release Information

This document is accurate at the time of publication. Oracle will update the release notes periodically after the software release. You can access the latest information and additions to these release notes on the Oracle Help Center.

<http://docs.oracle.com/en/>

Purpose of this Document

This document contains the release information for Oracle Fusion Middleware Infrastructure.

System Requirements and Specifications

Oracle Fusion Middleware installation and configuration will not complete successfully unless users meet the hardware and software prerequisite requirements before installation. For more information, see System Requirements and Specifications.

Certification Information

To see versions of platforms and related software for which Oracle Fusion Middleware is certified and supported, go to [Oracle Fusion Middleware Supported System Configurations](#)

Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support at <https://support.oracle.com>.

Deprecated Features

This section covers the deprecated features of Oracle Oracle Fusion Middleware products.

Deprecated Features in 14c (14.1.2.0.0)

Feature/Component	Description
Component	Description

Deprecated Feature in 12c (12.2.1.4.0)

The table lists the deprecated features or components from the prior release and their description.

Feature/Component	Description
Advanced Viewer	Advanced Viewer is deprecated and will be removed from the next release. In the future, for equivalent functionality, use the Unified Viewer.
MapViewer	MapViewer is deprecated and will be removed from the next release. In the future, for equivalent functionality, use Oracle Spatial and Graph (included with Oracle Database 12.2 or later) which includes a map visualization component that is fully compatible with MapViewer and with applications written to the MapViewer V2 API.
OPatchAuto	OPatchAutoFMW (installed in <code>OPatch/auto/fmw</code> directory) is deprecated and will be removed from the next release. You can continue to use OPatchAutoCore (installed in <code>OPatch/auto/core</code> directory) for auto updates during Fusion Middleware installation.
Oracle Business Intelligence Enterprise Edition (OBIEE) Lineage Wizard	OBIEE Lineage Wizard in Oracle Data Integrator is deprecated and will be removed from the next release. In the future, use Oracle Enterprise Metadata Management for any data lineage needs.
Oracle Traffic Director	Oracle Traffic Director is deprecated in 12.2.1.4.0 and is removed in 14.1.2.0.0. In the future, for equivalent functionality, use Oracle HTTP Server, Microsoft IIS Web Server, or Apache HTTP Server plugins, or a native Kubernetes load balancer, such as Traefik.

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Install and Configure

This chapter describes issues that are related to Oracle Fusion Middleware product installation and configuration.

The following topics are covered in this chapter:

Issues Related to Product Installation

This section contains the following topics:

Downloading and Applying Required Patches

After you install Oracle Fusion Middleware 14c (14.1.2.0.0), there might be cases where additional patches are required to address specific known issues.

Patches for Oracle Fusion Middleware 14c are available from My Oracle Support:

<http://support.oracle.com>

To download a patch:

1. Log in to [My Oracle Support](#).
2. Click the **Patches & Updates** tab.
3. In the Patch Search area, select **Patch Name or Number**.
4. Enter the patch number.
5. Click **Search**. The Patch Search Results page appears.
6. Download and install the patch.

Issues Related to Product Installation and Configuration on an Autonomous Database

The following sections cover the known issues and workarounds, and the limitations, related to product installation and configuration for Oracle Fusion Middleware products using an Autonomous Transaction Processing database for both Autonomous Transaction Processing-Dedicated (ATP-D) and Autonomous Transaction Processing-Shared (ATP-S).

 **Note:**

For the prerequisites to create schemas using Repository Creation Utility (RCU) on an Autonomous Transaction Processing database, see Prerequisites for Schema Creation on an Autonomous Transaction Processing Database in *Creating Schemas with the Repository Creation Utility*.

For the prerequisites required to configure the Oracle Internet Directory using ATP-S database, see the following topics in *Installing and Configuring Oracle Internet Directory* to:

- Set the `tns_admin` before starting the configuration wizard as described in Starting the Configuration Wizard.
- Modify the wallet settings and update the classpath before you start the servers and the instance as described in Prerequisites for an Oracle Autonomous Transaction Processing-Shared (ATP-S) database and Starting Servers and Processes.

Documentation Errata

There are no known issues at this time.

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Patching and Upgrade

This chapter describes issues related to the Infrastructure upgrade. The following topics are covered in this chapter:

Issues Related to Product Upgrade

Upgrade Assistant Provides Inconsistent Success Messages

When you run the Upgrade Assistant in readiness mode, the utility returns a status of `success` to indicate the schema is ready to upgrade. When you run the Upgrade Assistant to actual upgrade your schemas, the utility returns a status of `ready for upgrade`.

This is the expected behavior and you can move forward with the upgrade with this status.

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Web Services

This chapter describes issues associated with Web services development, security, and administration, including Oracle Web Services Manager. It includes the following topics:

 **Note:**

To resolve WebLogic Web Services issues, see *Web Services and XML Issues and Workarounds* in the *Oracle Fusion Middleware Release Notes for Oracle WebLogic Server*.