

Oracle® Fusion Middleware

Release Notes for Oracle Platform Security Services



12c (12.2.1.3.0)

E83391-03

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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.

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Oracle Fusion Middleware Release Notes for Oracle Platform Security Services, 12c (12.2.1.3.0)

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Primary Author: Luna Nair

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Preface

Oracle Platform Security Services 12.2.1.3.0 release notes summarizes the release information related to the issues fixed, general issues and their workaround, deprecated and removed functionality, and more. This release of the product is in maintenance mode and will no longer have new features or content.

Audience

This document is intended for the users of Oracle Platform Security Services.

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 customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Related Documents

For more information, see the following resources:

- [Oracle Platform Security Services Documentation Library](#)
This contains all documentation for all Oracle Platform Security Services 12c 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.

Convention	Meaning
<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.

1

Introduction

This chapter introduces the Release Notes for Oracle Platform Security Services. It includes the following sections:

Topics

- [Latest Release Information](#)
- [Purpose of this Document](#)
- [Product Documentation](#)
- [System Requirements and Specifications](#)
- [Certification Information](#)
- [Product Documentation](#)
- [Oracle Support](#)

1.1 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 Technology Network at:

<http://www.oracle.com/technetwork/indexes/documentation/index.html>

1.2 Purpose of this Document

This document contains the release information for Oracle Platform Security Services 12.2.1.3.0. It describes the differences between the software and its documented functionality.

Oracle recommends you review its contents before installing, or working with the product.

1.3 System Requirements and Specifications

Oracle Platform Security Services installation and configuration will not complete successfully unless users meet the hardware and software pre-requisite requirements before installation. See [Oracle Fusion Middleware System Requirements and Specifications](#).

1.4 Certification Information

To see versions of platforms and related software for which Oracle Platform Security Services is certified and supported, go to <http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>.

1.5 Product Documentation

For complete documentation on Oracle Platform Security Services, go to <http://docs.oracle.com/middleware/12213/opss/index.html>.

1.6 Oracle Support

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

1.7 Licensing Information

For the latest information on Oracle Fusion Middleware Licensing, see Licensing Information User Manual.

Detailed information regarding license compliance for Oracle Fusion Middleware is available at:

<http://www.oracle.com/technetwork/middleware/ias/overview/index.html>

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What's New In This Release

This chapter describes the features and improvements in Oracle Platform Security Services (OPSS). The following topics introduce the new and changed features of Oracle Platform Security Services and provide pointers to additional information.

- [New Features](#)
- [Deprecated Features](#)

2.1 New Features

Oracle Platform Security Services includes the following new features in the 12.2.1.3.0 release:

- When migrating application policies for an application using the `migrateSecurityStore` WLST command, the behavior of the how policies are merged using the `overwrite` parameter has been changed. See *Migrating Application Policies with `migrateSecurityStore` in [Securing Applications with Oracle Platform Security Services](#)*.
- The Keystore Service (KSS) has been updated to support Subject Alternative Name (SAN) SSL certificates. See *Managing Certificates with WLST in [Securing Applications with Oracle Platform Security Services](#) and `generateKeyPair` in [WLST Command Reference for Infrastructure Security](#)*.

2.2 Deprecated Features

There are no deprecated features in this release.

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Known Issues and Workarounds

This chapter describes the known issues and their workarounds.

- [JNDI Connection Exception and JDK Version](#)
- [Limit USE Privilege to OPSS and IAU Schemas in Oracle EBR Environment](#)
- [Limitation on the Maximum Length of Policy Artifact Names and Stripe Names](#)

3.1 JNDI Connection Exception and JDK Version

Issue

JNDI Connections throw the `javax.naming.NamingException: LDAP response read timed out , timed out : —1ms exception`.

This issue is found in domains configured to use an Oracle Identity Directory security store, or when using the User Role API or IGF/IDS against an LDAP identity store on any of the following JDK versions: Java SE 6u85, 7u72, or 8u20.

Workaround

Update the JDK to a version supported in this release. For certified JDK versions, see Oracle Fusion Middleware 12c Certifications at <http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>

For example:

```
-jreloc C:\Progra~1\Java\jdk1.8.0_21
```

3.2 Limitation on the Maximum Length of Policy Artifact Names and Stripe Names

Issue

Due to the limitation on the maximum column length of index in MS SQL Server, when using MS SQL Server as the OPSS security store, the OPSS policy artifact names and OPSS application policy stripe names cannot exceed 147 characters and 226 characters, respectively.

Workaround

Currently, there is no workaround for this issue.

3.3 Limit USE Privilege to OPSS and IAU Schemas in Oracle EBR Environment

Issue

In Oracle Edition-based redefinition (EBR) environment, after creating an edition, OPSS recommends that you explicitly grant the USE privilege on the edition to OPSS schemas and Audit schemas, rather than granting the USE privilege on the edition to PUBLIC. For information about EBR, see Using Edition-Based Redefinition in *Oracle Database Development Guide*.

Workaround

To grant the USE privilege on the edition to OPSS and AUDIT schemas, use the SQL statement `GRANT USE ON EDITION` in the following manner.

```
GRANT USE ON EDITION edition_name TO OPSS_SCHEMA;  
GRANT USE ON EDITION edition_name TO IAU_SCHEMA;  
GRANT USE ON EDITION edition_name TO IAU_APPEND_SCHEMA;  
GRANT USE ON EDITION edition_name TO IAU_VIEWER_SCHEMA;  
" "
```

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Documentation Changes

The Oracle Platform Security Services documentation includes the following changes in the 12.2.1.3.0 release:

- The sections “Upgrading Security to 12.2.1.x” and “Compatibility Table for 11g and 12c Versions” have been moved to Securing Datastores in *Planning an Upgrade of Oracle Fusion Middleware*.
- The page reference help in Fusion Middleware Control has been enhanced to provide more descriptive content.
- Clarified the procedures for migrating credentials in the same domain and across domains. See Migrating the Security Store with `migrateSecurityStore` in *Securing Applications with Oracle Platform Security Services*.
- The chapters “Identity Directory Service WLST Commands” and “Library Oracle Virtual Directory WLST Commands” have been moved from *WLST Command Reference for Infrastructure Security* to Identity Directory Service WLST Commands and Library Oracle Virtual Directory WLST Commands in *WebLogic Scripting Tool Command Reference for Identity and Access Management*.
- Added an example that illustrates how you can set up a domain that uses either third-party CA signed or internal CA signed certificates throughout the domain in place of the demonstration CA certificates. See Setting Up a Security Hardened Domain: An Example in *Securing Applications with Oracle Platform Security Services*.