



# Oracle Identity Governance 12c



## Frequently Asked Questions (FAQ)

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## PURPOSE STATEMENT

This document provides an overview of frequently asked questions on Oracle Identity Governance 12c.

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## ORACLE IDENTITY GOVERNANCE 12C

### General Questions

#### 1. What is Oracle Identity Governance (OIG)?

Oracle Identity Governance (OIG) is a highly flexible and scalable enterprise identity administration system that provides operational and business efficiency by providing centralized administration & complete automation of identity and user provisioning events across enterprise as well as extranet applications. It manages the entire identity and role lifecycle to meet changing business and regulatory requirements and provides essential reporting and compliance functionalities.

**Note: - Oracle Identity Manager and Oracle Identity Governance are synonyms and used interchangeably.**

#### 2. What are the new features in Oracle Identity Governance 12c?

- Simplified quick installer
- Simplified install and upgrade experience
- Self-service UI for access policy authoring
- Harvesting of existing request/admin grants to convert to role-based grants
- Improved Access Policies
- User-Manager and Entitlement certification options to exclude access granted by roles
- Simplified Application On-Boarding Process
- Schema discovery for flat-file and DB
- Group reviewer for the certifications
- Custom group reviewer access certification
- Focused certification reviews
  - Excluding access assigned through roles
  - Targeting High-risk entitlements outside roles
  - Filtering based on catalog meta-data (UDFs)
  - Building campaigns based on entitlement certifier's organization
- Improved Jet based UI for Test to Production (Deployment Manager)
- Policy linking for multiple application instance
- Enhanced REST/SCIM API and Security

For more information about Oracle Identity Governance 12c (12.2.1.4.0), refer to the following topics in the *Administering Oracle Identity Governance*:

- [New and Changed Features for 12c \(12.2.1.4.0\)](#)
- [New and Changed Features for 12c \(12.2.1.3.0\)](#)
- [What is Oracle Identity Governance?](#)
- [What are the Different Modes of Oracle Identity Governance?](#)

### 3. What's not included in Oracle Identity Governance 12c?

- Oracle Identity Analytics: most functionalities have been merged with Oracle Identity Governance. Role mining is not yet part of Oracle Identity Governance 12c
  - Oracle Privileged Account Manager

### 4. What are the various features that have been deprecated/de-supported in Oracle Identity Governance 12c?

- OMSS Integration
- Embedded BI Publisher Reports. Standalone BI published in supported with integration.
- Post Install configuration UI
- Remote manager
- OAACG integration with SOD
- Diagnostics dashboard.
- Full Test-to-production migration is not supported in 12c
- LDAP Synch during fresh installation is not supported.

For more details, please go through [release notes](#).

### 5. Where to find more information about Oracle Identity Governance?

- Oracle Identity Governance Web Site: [Oracle.com/identity](https://www.oracle.com/identity)
- Oracle Help for Oracle Identity Governance:  
<https://docs.oracle.com/en/middleware/idm/suite/12.2.1.4/books.html>
- Download Oracle Identity Governance for Evaluation and Production Purpose:
  - <https://edelivery.oracle.com/>
  - <https://www.oracle.com/middleware/technologies/identity-management/downloads.html>

### 6. What is the latest version of Oracle Identity Governance?

The latest version is Oracle Identity Governance 12c PS4 (12.2.1.4.0) in line with other existing Identity management products.

## **Upgrades, migrations, major releases, minor release and bundle patches**

### 7. What are major releases, minor releases and bundle patches?

Oracle delivers bug fixes and minor feature releases on a quarterly cadence with bundle patches. For major releases, Oracle recommends customers to plan for major Oracle Identity Governance releases every 12-18 months. This strategy allows customers to remain on the latest possible version, thus enabling faster and smoother delivery of bug fixes as well as easier uptake of newer features as they are introduced by Oracle. Additionally, it should be noted that BPs are cumulative of all previous BPs for a particular minor release. Customers are thus strongly recommended to apply the latest BP after upgrading or installing a particular Oracle Identity Governance version.

8. How can I find out Premier and Extended Support dates for Oracle Identity Governance Products?

The Oracle Lifetime Support Policy across all products (including Identity Governance) can be found at

<https://www.oracle.com/support/lifetime-support/index.html>

9. What do I need to know about Support dates and patching baselines?

The My Oracle Support article 1290894.1 covers Error Correction Support Dates for Oracle Fusion Middleware products (including Directory Services)

<https://support.oracle.com/CSP/main/article?cmd=show&type=NOT&id=1933372.1>

10. Are Oracle Identity Governance interfaces accessibility compliant?

The Oracle Identity Governance 12c consoles are accessibility compliant. For more info, refer to the published VPAT.

<https://www.oracle.com/corporate/accessibility/templates/t2-8868.html>

11. From which Oracle Identity Manager (OIM) version can one upgrade to Oracle Identity Governance 12c?

You can upgrade to Oracle Identity Governance 12c from a supported Oracle Identity Manager 11g release. If you are not using the 11.1.2.3.0 version of Oracle Identity Manager, you must upgrade to 11.1.2.3.0 before you move to 12cPS3 (12.2.1.3.0)

Supported starting point for upgrading Oracle Identity Governance to 12cPS4 (12.2.1.4.0) is Oracle Identity Governance 12cPS3 (12.2.1.3.0).

If you are not using the 12cPS3 (12.2.1.3.0) version of Oracle Identity Governance, you must upgrade to 12cPS3 (12.2.1.3.0) before you move to 12cPS4 (12.2.1.4.0).

12. Is 11gR2PS3 to 12cPS3 upgrade an in-place upgrade?

We support both in-place and out-of-place upgrade. Please refer to the [upgrade guide](#).

13. Can 11gR2PS3 LCM installation be directly updated to 12cPS3?

Yes. There are additional steps. Please refer to the [upgrade guide](#).

14. Can 11gR2PS3 manual installation be directly updated to 12cPS3?

Yes. Please refer to the [upgrade guide](#).

15. As 12cPS3 and 12cPS4 won't support embedded BI, what will happen to BI during upgrade process?

The embedded BI publisher presented in 11g will be removed. New BI publisher needs to be installed and configured. Please refer to the [upgrade guide](#).

16. Is Oracle Mobile Security Suite (OMSS) supported with Oracle Identity Governance 12c?

No, it's not supported.

17. Do the Oracle Identity Governance interfaces support internationalization?

The end-user (self-service) interface supports all 27 languages (English, French, German, Italian, Spanish, Brazilian Portuguese, Japanese, Korean, Simplified Chinese, Traditional Chinese, Arabic, Czech, Danish, Dutch, Finnish, Greek, Hebrew, Hungarian, Norwegian, Polish, Portuguese, Romanian, Russian, Slovak, Swedish, Thai, Turkish) as defined by Fusion Middleware guidelines. However, the support is limited to only 10 languages (English, French, German, Italian, Spanish, Brazilian Portuguese, Japanese, Korean, Simplified Chinese, Traditional Chinese) for the System Administration console.

18. Where can I find more information about Oracle Identity Governance 12c upgrade?

Please find out more information about 12c upgrade for 12.2.1.3. and 12.2.1.4, respectively.

- <https://docs.oracle.com/en/middleware/idm/suite/12.2.1.3/iamup/index.html>
- <https://docs.oracle.com/en/middleware/fusion-middleware/12.2.1.4/iamup/index.html>

## Licensing

19. Where do I find pricing and licensing information?

The pricing and licensing information for all Oracle products can be found at

<http://www.oracle.com/us/corporate/pricing/index.html>

20. What is an Oracle Identity Governance Suite License and what does it mean?

For detailed information, refer to

<https://docs.oracle.com/en/middleware/fusion-middleware/fmwlc/oracle-identity-and-access-management-independent-license-offerings.html#GUID-E3278C66-89B3-4716-A502-86B00227679E>

21. I do not see my question about licensing answered here, what do I do?

Additional questions and answers about licensing are addressed in the Identity and Access Management Licensing Document at

<https://docs.oracle.com/en/middleware/fusion-middleware/fmwlc/oracle-identity-and-access-management-independent-license-offerings.html#GUID-56AA4A11-03B0-4488-AA47-DB1D171B442F>

If you still not sure about your license options or have additional questions, please discuss these with your Oracle Sales Representative.

22. What happened to Oracle Identity Analytics?

With 12cPS4, Oracle Identity Analytics features, excluding Role Mining, have been converted into Oracle Identity Governance. Oracle will not be enhancing or selling Oracle Identity Analytics as a standalone product. Customers who are using Oracle Identity Analytics for Role Lifecycle Management, Identity Certification and Segregation of Duties, should move to 12cPS4. Customers who are using Role Mining, or who have Role Mining needs, can continue to use Oracle Identity Analytics.

23. What is Identity Auditor?

As features of Oracle Identity analytics (OIA) merged into Oracle Identity Governance, Oracle Identity Governance Suite provides a licensing option as Identity Auditor to cover audit and compliance features from OIA. It comprises of the features provided by Oracle Identity Analytics and includes the following components:

- Role Lifecycle Management
- Segregation of Duties
- Identity Certification

## **Certifications**

24. What Application Servers does Oracle Identity Governance 12c run on?

Oracle Identity Governance 12c runs only on Oracle WebLogic Server.

25. What platforms does Oracle Identity Governance 12c run on?

Please refer to Oracle Fusion Middleware 12c certification matrix Identity and Access Management section below.

<https://www.oracle.com/middleware/technologies/fusion-certification.html>

26. Are all editions of Oracle DBs (Enterprise, Standard, Standard One and Express) certified?

Oracle Identity Governance 12c supports Oracle DB 12.2.1.0.1+, 11.2.0.4+, 12.2.0.1+, 18.3+, 19.3+, 19c, and DBaaS. Please refer to [certification matrix](#).

27. What is the supported version of Oracle SOA with Oracle Identity Governance 12c?

12cPS3 and 12cPS4.

28. What is the supported version of WebLogic with Oracle Identity Governance 12c?

12cPS3 and 12cPS4.

29. Does Oracle Identity Governance 12c run in a virtualized environment?

To run Oracle Identity Governance 12c in a virtualized environment, follows the Oracle Fusion Middleware support guidelines available below

<http://www.oracle.com/technetwork/middleware/ias/oracleas-supported-virtualization-089265.html>.

Oracle is in the process of releasing Oracle Identity Governance 12c Docker/K8S container images. Upon releasing of Docker/K8S images, Oracle Identity Governance 12c can be deployed in multi-cloud such as Oracle Cloud Infrastructure.

30. Which are the certified browsers for the product?

Currently tested on Internet Explorer, Chrome, Edge, and Safari. Please refer to the [FMW Certification Matrix](#).

## Security

31. How does Oracle Identity Governance 12c secure itself from attacks?

All Oracle products including Oracle Identity Governance 12c follow Oracle Security Assurance Process that includes the design, development and testing guidelines for SQL injections.

Oracle has formal secure coding standards and a compliance program that ensures that all development, QA and Product Management staff and other people who need to, are educated about this and attend the training/course. Additionally, Oracle also has formal vulnerability handling policies to deal with any problems discovered. This provides a consistent, cohesive way of analyzing security issues and providing fixes. The details of the Oracle Security Assurance Process are also available at:

<http://www.oracle.com/us/support/assurance/index.html>

Additionally, Oracle Identity Governance 12c provides the following security-related features:

- Out-of-the-box certification with web access management tools for SSO and protection of Oracle Identity Governance 12c's web UI.



- Support for multiple encryption algorithms & keys as well as automatic rotation of encryption keys
- Hardened against SQL & XML injection attacks through special character filtering on the user input and API parameters
- Audit data can be stored in Oracle Audit Vault to ensure tamper proofing
- Sensitive data can be protected from unauthorized access through out-of-the-box Oracle DB Vault realms
- Secure from password sniffers as client applications authorize using signature-based login instead of traditional passwords
- Support for mutual authentication and transport encryption in all connectors
- No dependence on anonymous logins

32. What are the various encryption algorithms used by Oracle Identity Governance 12c?

Please refer to admin guide for [type of data encryption](#).

## Segregation of Duties (SoD)

33. What does it mean by Segregation of Duties (SoD) policies?

SoD can be broadly defined as a way of preventing a user from acquiring a set of entitlements that are not in conformance with applicable business policies. This set of entitlements, also referred as “toxic” combination in some literature, could allow a user to potentially perform fraudulent or undesirable activities by circumventing certain commonly established checks and controls. SoD checks thus ensure that a single individual is not given enough authority to perpetrate a fraud on his/her own.

34. What types of SoD policies are typically defined?

SoD policies are typically defined and managed in an IT system known as the SoD engine. The choice of the SoD engine depends on the granularity of access that the policy controls. Enterprise IT and ERP application are two commonly used levels of granularity.

a) Enterprise IT SoD policies are defined by business users based on enterprise roles and access policies. Additionally, these policies can be used to provide SoD capabilities for entitlements in individual IT systems that lack a dedicated SoD engine of their own. Examples of such entitlements include LDAP groups and Database roles. Identity management products are best suited to offer Enterprise IT SoD engines because they already manage the enterprise roles and access policies are needed to define such policies. Oracle Identity Governance 12c provides an Enterprise IT SoD engine that can define policies on the enterprise roles managed in identity management products, both Oracle and non-Oracle.

b) ERP application SoD policies are defined in the context of ERP business applications by the administrators assigned to those applications. Examples of the ERP entitlements used in such policies include Oracle E-Business Suite (EBS) responsibilities and SAP roles. Since these entitlements roll up lower level ERP security contexts such as menu hierarchies, function security & data security, defining

these SoD policies require deep knowledge of the security best practices of the ERP. Hence, these policies are documented, managed and remediated in a SoD engine that is dedicated to the business application.

Oracle Identity Governance 12c integrates with SAP GRC Risk Analysis and Remediation (RAR) by enabling real-time SoD validation checks. This integration invokes standard web services available in the RAR module (formerly known as Compliance Calibrator) of SAP GRC Access Controls Suite and is certified with SAP GRC Access Controls versions 5.3 or later. Additionally, Oracle Identity Governance 12c's SAP provisioning connector is pre-configured to invoke SAP GRC so that SoD violations are detected in the pre-provisioning phase. Customers are also able to configure non-SAP connectors to invoke SAP GRC.

### **SPML, SCIM, and REST Support**

35. What is Oracle Identity Governance stance on SPML?

SPML 2.0 (XSD profile only) support exists only for backward compatibility purpose and will be dropped in a future release of Oracle Identity Governance. SPML-DSML is only supported for internal communication between the Active Directory Password Synchronization Agent and Oracle Identity Governance 12c.

36. What identity services does Oracle Identity Governance 12c provide?

Oracle Identity Governance 12c provides REST services using the Simplified Cloud Identity Management (SCIM) protocol. This is the recommended and strategic approach for customers to develop their own applications. REST and SCIM interfaces secured by OWSM JWT Security tokens.

### **Oracle Identity Governance (OIG) & Oracle Access Management (OAM) integration**

37. Is LDAP Synch required?

LDAP Synchronization (or LDAP Synch) is a capability in Oracle Identity Governance 12c that provides real-time synchronization of users, user passwords and state information between Oracle Identity Governance and a Directory. Starting in 12cPS4, LDAP Synch is replaced by LDAP connector. LDAP synchronization, or integration between Oracle Identity Governance (OIG) and Oracle Access Management (OAM) by using the IDMConfigTool is not supported in Oracle Identity Governance 12c (12.2.1.3.0) or Oracle Identity Governance 12c (12.2.1.4.0) fresh install but supported with upgrade scenario. For more information, see [What's New in Oracle Identity Management Integration](#).

38. What if I have a question about Identity Governance products or have encountered an issue?

Please refer to the product documentation first:

<https://docs.oracle.com/en/middleware/idm/suite/12.2.1.3/index.html>

<https://docs.oracle.com/en/middleware/idm/suite/12.2.1.4/index.html>

Oracle Support offers a wide variety of useful knowledge articles related to common questions raised by customers. If the documentation does not address your question, raise a Service Request (SR) with Oracle Support at <http://support.oracle.com>.

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