Oracle Identity Governance Suite
11g Essentials Exam Study Guide
Objective & Audience

Objective
Help you prepare to take the Oracle Identity Governance Suite 11g Essentials Exam (1Z0-459) by providing pointers to resources that you can use in your Preparation.

Targeted Audience

• Consultant
• IT Specialist
• Senior Consultant
• Architect
• Principal Consultant
• Solutions Architect
Exam Topics & Objectives

Exam Topics
The Oracle Identity Governance 11g Essentials consists of fourteen topics:

1. Oracle Identity Governance fundamentals
2. Oracle Identity Governance system architecture
3. Branding and UI customizations
4. Catalog
5. Approval workflows and Requests Configuration
6. Security
7. Bulk Load and Postprocessing
8. Reconciliation and Postprocessing
9. Provisioning, Role Based Access Control and Access Policies
10. Connectors
11. Events Handlers, Notifications, Reports, Scheduled tasks
12. Identity Analytics
13. Privilege Account Management
14. Deployment
Exam Objectives

The exam objectives are defined by learner or practitioner level of knowledge:

- **Learner-level**: questions require the candidate to recall information to determine the correct answer.

  Example: Define the term network.

- **Practitioner-level**: questions require the candidate to derive the correct answer from the application of their knowledge, which can only be attained by extensive experience with the product.

  Example: The client requests xyz functionality, would you recommend a, b or c?
Training Options

For each exam topic there have been identified alternative training options that are available at Oracle. The training options are divided into three categories:

• **Boot Camps**
  The Boot Camps are designed as a "jump start" training to enhance your skills by providing role-based training on industry-leading Oracle solutions and services. The boot camps are built as concise, intensive, and real-time training to give partners a competitive advantage as they prepare to build powerful solutions for their own customer base. Partners can choose to attend these boot camps in class or in a live virtual class format to maximize the effectiveness and the time allocated to training.

• **Instructor-Led Training (delivered by Oracle University)**
  Partners can take any publicly-scheduled Oracle University courses at steep discounts. Benefit from hands on experience to gain real working skill and work toward Oracle certifications.

• **Online Training**
  Oracle Partners are entitled free access to the Oracle Knowledge Center (OUKC), a vast library of recorded product courses. New courses are regularly added to the library, providing partners with the latest information and training to master new products or to increase proficiency on the new releases.

  **OPN Competency Center** is an intelligent training tool that allows partners to manage their Oracle training with role-focused guided learning paths and measure their achievement toward Specialization:
Topic 1: Oracle Identity Governance fundamentals

Objectives

- Describe challenges faced by organization in the area of Identity Governance
- Describe Oracle Identity Governance suite's Integrated Approach and highlight key benefits
- Describe key features of Oracle Identity Governance product suite

Training Options

- **Oracle University Courses**
  - Oracle Identity Manager 11g R2 Essentials (Oracle University)
  - Oracle Identity Analytics 11g R1 (Oracle University)
  - Oracle Identity Manager 11g R2 Develop Identity Provisioning (Coming Soon – Oracle University)

- **Boot Camp**
  - Oracle Identity Governance Suite 11g Implementation Specialist Boot Camp

- **Online Resources**
  - Oracle Identity Governance Suite (Datasheet)
  - Integrated Identity Governance (WhitePaper)
  - Oracle Privileged Account Manager 11g (Datasheet)
Topic 2: Oracle Identity Governance system architecture

Objectives

- Describe Oracle Identity Governance suite architecture
- Describe core solution components
- Describe Integrated Connector Framework and out of the box connectors
- Describe Sandboxing and Test-To-Production capabilities

<table>
<thead>
<tr>
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Sample Questions

When you install Oracle Identity Manager, Which two components require the creation of a domain instance on WebLogic?

a) Oracle Identity Manager.
b) Oracle BI Publisher.
c) Oracle Entitlement Server.
d) Oracle SOA Suite.
e) Oracle Unified Directory.

Answer(s): a), d)
Topic 3: Branding and UI customizations

Objectives
- Customize User Self Service and Personalize User Interfaces
- Customize and Brand User Interfaces
- Customize UDF Components

Level
Practitioner
Practitioner
Practitioner

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Sample Questions

As the Payroll manager, you execute a query in the self-service console to pull out all users with access to a critical-mission application. You are looking for those users who belong to the Payroll department only.

Identify the feature that enable you to customize search results

a) Filters.
b) UDF Filters.
c) Query by Example.
d) Saved Filters.
e) Filter by example.

Answer(s): c)
Topic 4: Catalog

Objectives

- Build Catalog
- Administer and Harvest Catalog
- Customize Catalog (Extend and Secure Catalog)
- Enrich and Seed Catalog attributes

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Topic 4: Catalog

Sample Questions

You are responsible for enriching (in bulk) several Oracle Identity Manager entitlements with the additional business context data from an external application containing the glossary of those entitlements. Which two steps should you perform to complete this bulk operation?

a) Configure the catalog synchronization job to provide the full path of the glossary source and set the parameter mode to full.

b) Configure the catalog synchronization job to provide the full path of the glossary source and set the parameter mode to Metadata.

c) After the catalog synchronization job completes, republish the entitlements to relevant organizations.

d) After the catalog synchronization job completes, run the database job REBUILD_OPTIMIZE_CAT_TAGS.

e) Extract the glossary information into a .csv in appropriate format and place it in a location that is accessible from the Oracle Identity Manager server.

Answer(s): b), e)
Topic 5: Approval workflows and Requests Configuration

Objectives

• Describe Workflow and SOA composites development using Jdeveloper and WF Composer
• Create approval workflows for serial and parallel approvals
• Describe Request related artifacts like datasets and profiles
• Describe approval policies, approval selection methodology
• Configure request for accounts and entitlements

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Sample Questions

Which statement is true about SOA composite characteristics as applicable to Oracle Identity Manager?

a) They provide process orchestration and storage of synchronous and asynchronous processes. You design a business process that integrates a series of business activities and services into an end-to-end process flow.

b) They are an assembly of services, service components, and references designed and deployed together in a single application. Wiring between the services and references enables message communication.

c) They are a group of rules that enable the request engine to pick a policy to invoke.

d) They are a set of policies that enable the request engine to pick a rule to invoke.

Answer(s): b)
Topic 6: Security

Objectives

- Describe features of OES and how OIG leverages OES to create the security model
- Configure a Delegated Administration model

Level

- Learner
- Practitioner

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Sample Questions

Which statement is true about the new Oracle Identity Manager (OIM)

a) Global admin roles can be assigned in the context of the Top organization as well as other organizations.

b) Scoped admin roles cannot be assigned in the context of the Top organization.

c) Global admin roles can be assigned only in the context of the Top organization.

d) Scoped admin roles can be assigned only in the context of the Top organization.

e) Global admin roles cannot be assigned in the context of the Top organization.

Answer(s): c)
# Topic 7: Bulk Load and Postprocessing

## Objectives

| Level   | Practitioner
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Configure Bulk Load utility</td>
<td>Practitioner</td>
</tr>
<tr>
<td>Configure post processing task for bulk load</td>
<td>Practitioner</td>
</tr>
</tbody>
</table>

## Training Options

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### Boot Camp

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### Online Resources

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Sample Questions

Which statement is true about the Oracle Identity Manager (OIM) bulk load utility when it is used to load user data?

a) It takes passwords in clear text from the input source and assigns them to the created users.

b) It encrypts passwords from the input source and assigns them to the created users.

c) It assigns the password of an existing user to all created users.

d) No passwords are generated. Instead, they are assigned by users themselves on first logon.

Answer(s): c)
# Topic 8: Reconciliation and Postprocessing

## Objectives

<table>
<thead>
<tr>
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<th>Objective</th>
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</thead>
<tbody>
<tr>
<td>Practitioner</td>
<td>• Configure Trusted Reconciliation</td>
</tr>
<tr>
<td>Practitioner</td>
<td>• Configure Attribute Reconciliation</td>
</tr>
<tr>
<td>Practitioner</td>
<td>• Configure Account Reconciliation</td>
</tr>
<tr>
<td>Practitioner</td>
<td>• Configure Authoritative Reconciliation from flat file</td>
</tr>
<tr>
<td>Practitioner</td>
<td>• Execute Reconciliation, Event re-evaluation and ad-hoc linking</td>
</tr>
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# Topic 9: Provisioning, Role Based Access Control and Access Policies

## Objectives
- Describe Role Based Access Control
- Describe Access Policy and the lifecycle of an Access Policy
- Configure Access Policies and associate with roles
- Describe how retrofit works
- Configure Provisioning for self registration
- Configure Provisioning through Access Policies with approvals
- Understand Disconnected Resources
- Configure Provisioning for Disconnected Resources

<table>
<thead>
<tr>
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Sample Questions

What happens is Oracle Identity Manager (OIM) where there are five access policies with priority 1 to priority 5, and you define a new policy with priority 3?

a) The policy administrator is alerted about the conflict.
b) An error is displayed during the policy definition.
c) Policies with lower priorities are shifted lower.
d) The current policy at priority 3 is replaced by the new policy.

Answer(s): c)
Topic 10: Connectors

Objectives

- Describe the Oracle Identity Governance Data Model and custom Connector creation
- Configure Integrated Connector Framework
- Develop Integrated Connector Framework based custom Connectors
- Create Oracle Identity Governance metadata for a Connector
- Deploy out of the box Connector and create Application instances

Training Options

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Topic 10: Connectors

- Sample Questions

Identify the statement that is true about the WRITEBACK field flag is used in the provisioning attributes map.

a) If the connector implements the GETAPIOP interface, the WRITEBACK flag does not work and an error is generated.

b) The WRITEBACK flag must be specified for all fields whose values are obtained by running a lookup reconciliation job. The values obtained from the lookup reconciliation job have IT Resource Name/Key appended to them.

c) If the connector does not implement the GETAPIOP interface, the WRITEBACK flag does not work and an error is generated.

d) The WRITEBACK flag must be specified for all fields whose values are obtained by running a lookup reconciliation job. The values obtained from the lookup reconciliation job have WRITEBACK/Key appended to them.

e) Request ICF integration to send all the extra fields or attributes whenever a password change is requested.

Answer(s): c)
Topic 11: Events Handlers, Notifications, Reports, Scheduled tasks

Objectives
• Configure Event Handlers
• Customize Notifications
• Develop Reports
• Develop Scheduled Tasks

Level
Practitioner
Practitioner
Practitioner
Practitioner

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Sample Questions

You want to create a job that runs at 8:00 A.M. Monday through Friday every week and also at 1:30 A.M. on the last Friday of every month. Identify the schedule type to be used.

a) Periodic.
b) Single.
c) Custom.
d) Cron.
e) Periodic-Multiple Instances.

Answer(s): d)
Topic 12: Identity Analytics

Objectives

• Describe Identity Seeding and Role Mining
• Configure Identity Seeding
• Set Up Role Separation Of Duties (SOD)
• Describe the Certification Process
• Configure Certification (Types of Certs, Multilevel Cert, etc)
• Set Up Closed Loop Remediation
• Manage Audit Policies

Level

Learner
Practitioner
Practitioner
Learner
Practitioner
Practitioner
Practitioner

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Sample Questions

Identify two mandatory fields in Oracle Identity Analytics for Importing users through the global user import schema.

a) userName  
b) employeeId  
c) lastName  
d) statusKey  
e) employeeStatus

Answer(s): a), b)
Topic 13: Privileged Account Management

Objectives
- Describe the Privilege Accounts Management process (Check-in, Check-out)
- Set up and deploy Oracle Privilege Account Manager
- Integrate with Unified Directory and Oracle Identity Manager
- Manage Privilege Account Requests
- Set up « Break-Glass » access
- Configure Risk-based Certification and Closed Loop Remediation

Level
- Learner
- Practitioner

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Sample Questions

You are integrating Oracle Privileged Account Manager (OPAM) with Oracle Identity Manager (OIM). Which two tasks must be performed on OIM?

a) You must configure an OIM administrator who is authorized to create rules to assign users to the proper LDAP groups.

b) You must configure an OIM administrator who is authorized to create rules to assign users to the proper database groups.

c) You must configure an OIM administrator who is authorized to handle request for OPAM users that are outside of the normal business process.

d) You must configure an OIM administrator who is authorized to grant anonymous-use requests for OPAM users that will not be audited.

e) You must configure an OIM administrator who is authorized to configure OIM to build request for items in the request catalog.

Answer(s): e)
Topic 14: Deployment

Objectives

- Describe prerequisite components required for Oracle Identity Governance installation
- Describe best practices around installation
- Describe common troubleshooting methods for Requests
- Describe Deployment Manager capabilities
- Architect and deploy Oracle Identity Governance modules (OIM, OIA, OPAM)
- Integrate Oracle Identity Governance modules (OIM, OIA, OPAM)
- Configure LDAP Sync and Directory
- Secure Oracle Identity Governance environment

Level

- Learner
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Topic 14: Deployment

Sample Questions

Which two components of Oracle Identity Governance require the creation of relevant database?

a) Oracle Identity Analytics.
b) Oracle Role Manager.
c) Oracle BI Publisher.
d) Oracle Identity Manager.
e) Oracle Privileged Account Manager.

Answer(s): a), e)
Exam Registration

• **How to register for the exam?**
  You can register for all Oracle certification exams with Pearson VUE. Before a registration can be submitted, a Pearson VUE profile must be created using your Company ID. Your Company ID can be obtained by contacting your local Oracle Partner Business Center or by signing in to your OPN account. Your Company ID is located in the section on the right under "Company information".

  Please follow these instructions in order to properly set-up your Pearson VUE account for the first time.

• **Have you completed an Oracle Certification Exam in the past?**
  Due to systems enhancements, each partner who has completed an Oracle Certification Exam will need to update their Pearson VUE profile in order to receive credit and for those records to appear in the OPN Competency Center.

• **How to get full recognition as Certified Implementation Specialist?**
  To get full recognition as a Certified Implementation Specialist you need to:
  A. Update your Pearson VUE profile with your Company ID
  B. Activate your Certview Account

  Please follow these instructions and your records will be properly recorded.
SOFTWARE. HARDWARE. COMPLETE.