Oracle Identity Governance 12c: Develop Identity Provisioning

In this intensive course, you'll learn about Oracle Identity Governance(OIG) 12c, a product of Oracle Identity Management. You learn the architecture of Oracle Identity Governance 12c and know the various development tools used. You also learn how to implement advanced techniques and customization in Oracle Identity Governance. As a result, you will be able to deliver sophisticated Identity Management solutions.

Learn to:

- Integrate OIG with systems not supported by out-of-the-box connectors.
- Create, customize, and enrich the reconciliation process, leveraging plug-ins, event handlers, and scheduled jobs.
- Install, configure, and extend OIG out-of-the-box connectors for a LDAP server.
- Leverage advanced techniques to provision resources and entitlements to users.
- Customize SOA composites.
- Implement approval rules, using the new approval workflow feature.
- Extend the OIG UI with new functionalities
- Enable and implement the Identity Auditor and explore the Role Lifecycle Management features
- Implement role analytics, certification, and Segregation of Duties (SoD), using the new Identity Auditor.
- Implement custom reports and report automation using BI Publisher.

Explore the OIG Java API and the SCIM (RESTful/JSON based) APIs

You'll learn how to implement a testing point for OIG integration with Java, modern SOA, RESTful and JSON clients, insulating developers, simplifying troubleshooting client integrations, and promoting modularization and segregation of concerns.

Develop a custom connector for a trusted source without an out-of-box connector

You'll learn how to develop a connector for a trusted source without an out-of-box connector leveraging the Identity Connector Framework (ICF). Connector development and tests are executed outside Oracle Identity Governance, promoting modularity and insulating the product implementation.

On-board Users from an Authoritative Source

You'll learn how to develop, test, and troubleshoot plug-ins, event handlers, system properties, and scheduled jobs that allows OIG dynamically and conditionally populate user data, such as user's initial, common name, username, and e-mail.

Implement Advanced Entitlement techniques

You'll learn how to use advanced techniques to improve the overall User Experience requesting entitlements in the Identity Self Service console. Configuration includes exposing entitlement descriptions, technical glossaries (hierarchical attributes of entitlements, and temporal grants (Sunrise and Sunset) for application instances and entitlements.

Customize the Self Service Profile Management

You'll learn how extend Oracle Identity Governance's user entities with new attributes, extend the user entity with new attributes, and configure authorization to implement conditional Self-Service authorization for contractors and employees.

Optimize the user experience requesting applications in the catalog

You'll learn how to customize the application instance forms in the Identity Self Service Console to optimize the user experience requesting accounts. Optimization includes hiding attributes, providing default values for attributes, List of Values provided by Managed Beans, and embedded links to the external pages.

Explore Identity Audit

Prerequisites

Required Prerequisite

- Oracle Identity Governance 12c: Develop Identity Provisioning Ed 1
- Identity Management concepts
- Java programming & Web Services
- Basic Oracle WebLogic Server Administration concepts

Audience

- Developer
- End User
- Manager
- Security Specialist

Objectives

- Implementing advanced entitlement administration techniques, such as hierarchical entitlements and temporal access.
- Customizing approval workflows and developing SOA composites.
- Customizing self-profile management, using the new authorization model.
- Customizing the Oracle Identity Governance UI with ADF.
- Configuring certifications with event listeners, closed-loop remediation, multi-phased, and certification oversight.
- Configuring the Identity Audit (IDA) to detect, remediate, and prevent Segregation of Duties (SoD) violations.
- Customizing reports and automate report delivery with BI Publisher.

- Configuring Identity Auditor to leverage role lifecycle management, role history, and role analytics.
- Oracle Identity Governance 12c architecture and development tools.
- Oracle Identity Governance client APIs: Java, and SCIM (REST/JSON based).
- Developing a Custom Trusted Source Connector, using the Identity Connector Framework (ICF).
- Customizing the reconciliation with: plug-ins, event handlers, scheduled tasks, and system properties.
- Installing, configuring, and extending Oracle Identity Governance connectors.

Topics

- Oracle Identity Governance 12c Architecture and Development Tools
- Oracle Identity Manager APIs
- Developing Connectors to Integrate Systems
- Testing and Installing ICF Connectors
- Implementing Reconciliation
- Customizing Reconciliation with Plug-ins, Event Handlers, and Scheduled Tasks
- Installing and Extending an Oracle Identity Manager Connector
- Advanced Entitlement Administration
- Customizing Approval Processes in SOA Suite
- Customizing the Self Profile Management
- Advanced Oracle Identity Manager User Interface Customizations
- Customizing the Application Instance Form for Access Requests
- Exploring Identity Auditor and Role Lifecycle Management
- Implementing Advanced Certification
- Implementing Advanced Identity Audit
- Customizing Oracle Identity Manager Reports