

ORACLE IDENTITY MANAGER (OIM) 11G R2 ADMINISTRATION COURSE CONTENT

❖ IDENTITY MANAGEMENT AND IDENTITY ADMINISTRATION: OVERVIEW:

- Explain why an administrator should understand identity management and identity administration
- Discuss the importance of identity management
- Discuss identity management benefits, values, terminology, and functional aspects
- Describe the identity administration infrastructure

❖ INSTALLING AND CONFIGURING ORACLE IDENTITY MANAGER:

- Prepare a predefined database for **Oracle Identity Manager**
- Install and deploy the Oracle Identity Manager Diagnostic Dashboard
- Install Database , RCU and WebLogic
- Use the dashboard to test the Oracle Database installation
- Install SOA
- Install Oracle Identity Manager Server
- Perform postinstallation configuration for **OIM**
- Verify connectivity with Oracle Database, and ensure correct loading and configuration of Oracle Identity Manager

❖ STARTING AND UNDERSTANDING ORACLE IDENTITY MANAGER CONSOLES:

- Launch Oracle Identity Manager Server
- Start the Administrative and User Console and the Design Console
- Compare the two consoles
- Identify Design Console forms and folders
- Explain Administrative and User Console forms and folders
- Self Service Console
- Unauthenticated Self Service Console

❖ LAUNCHING ORACLE IDENTITY MANAGER:

- Compare Oracle WebLogic Server, Oracle Identity Manager Server, and Oracle SOA Server
- Start Oracle WebLogic Server, Oracle Identity Manager Server, and SOA Server
- Start the Oracle Identity Manager Web-based Consoles
- Start the Oracle Identity Manager Design Console
- Start the two Oracle SOA Web-based Consoles
- Compare consoles for Oracle WebLogic Server, Oracle Identity Manager, and Oracle SOA

❖ COMPARING AND ANALYZING ORGANIZATIONS, ROLES, AND USERS:

- Compare organizations, roles, and users
- Compare parent organizations and child organizations
- Compare parent roles and child roles
- Group roles into a category
- Compare types of Oracle Identity Manager users
- Discuss Oracle Identity Manager user membership in organizations and roles
- Create, read, update, and delete records and attributes for organizations, roles, and users
- Assign roles to Oracle Identity Manager users

❖ CONFIGURING PREDEFINED CONNECTORS (INITIAL ONBOARDING):

- Identify an Oracle Identity Manager connector
- List the connectors in the Oracle Identity Manager Connector Pack
- Describe the ways to transfer connectors from one environment to another
- Take advantage of the benefits and best practices of using connectors

- Identify two tools used to import and export connectors: Connector Installer and Deployment Manager
- Explain how the Connector Installer is used to import connectors for external resources
- Configure a connector to make it operable

❖ **IMPLEMENTING MANUAL AND AUTOMATED PROVISIONING:**

- Identify and compare resources and Oracle Identity Manager connectors
- Describe how connectors are used to assign resources to users
- Explain how assigning resources to users differs from provisioning resources to users
- Discuss three ways to assign and provision a resource to an Oracle Identity Manager user: criteria, requests, and direct provisioning
- Compare manual provisioning and autoprovisioning
- Assign a resource to an Oracle Identity Manager user through auto membership rules and access policies
- Manually provision a user with the resource
- Modify a connector to provision another user with the associated resource automatically

❖ **UNDERSTANDING RECONCILIATION:**

- Define reconciliation
- Identify and compare two types of reconciliation associated with Oracle Identity Manager: authoritative and account reconciliation
- Discuss reconciliation events that Oracle Identity Manager can perform with a resource
- Explain authoritative reconciliation and account reconciliation conceptually
- Identify scheduled tasks
- Discuss the role that scheduled tasks have with authoritative reconciliation and account reconciliation
- Discuss how authoritative reconciliation can recognize new and modified user-related information on a trusted source, and transfer this information into Oracle Identity Manager
- Explain how account reconciliation can recognize modified user-related information on a target resource, and transfer this information into Oracle Identity Manager

❖ **PROCESSING APPROVALS AND REQUESTS:**

- Explain and define components for the request workflow and approval process
- Examine how these components affect a provisioning process
- Identify default request datasets and request templates
- Identify SOA composites
- Install JDeveloper
- Use JDeveloper to deploy SOA composites
- Model a request template and dataset
- Assign an approval process to an approval policy
- Create requests

❖ **AUDITING, MONITORING, LOGGING, AND TUNING ORACLE IDENTITY MANAGER:**

- Identify and compare auditing, monitoring, logging, and tuning within the Enterprise Manager Fusion Middleware Control
- Discuss requirements and business challenges associated with auditing
- Identify the Oracle Fusion Middleware Audit Framework
- Describe features, the architecture, data flow, and technical concepts of this framework
- Explain how Oracle Identity Manager framework is used for monitoring purposes
- Discuss benefits of logging, and identify log files specific to Oracle Identity Manager
- Discuss actions, information levels, and locales associated with log files, including translating log files into other languages
- Examine ways of tuning the Oracle Identity Manager environment

❖ **MANAGING AUTHORIZATION POLICIES:**

- Compare authorization and authentication
- Identify components of an authorization policy
- Decide when to implement authorization policies
- Describe out-of-the-box authorization policies and roles associated with these policies
- Identify entity types available when defining authorization policies
- Create authorization policies assigning entity-specific permissions and attributes
- Specify data constraints for an authorization policy

❖ **MANAGING REPORTS:**

- Identify and compare types of reports an administrator can create for Oracle Identity Manager organizations, roles, and users
- List different reports available with Oracle Identity Manager
- Identify Oracle Business Intelligence (BI) Publisher, the reporting tool for Oracle Identity Manager
- Explain how to configure Oracle BI Publisher so that it can be used to create reports for Oracle Identity Manager organizations, roles, and users
- Create reports with Oracle BI Publisher

❖ **MANAGING CONFIGURATION & REPOSITORY CONTENTS:**

- Managing Configuration using the MDS Utilities
- Deployment Manager to Manage OIM Components

