

Course Contents: Oracle Identity Manager 11g R2 PS3 – OIM 11.1.2.3

Course Duration - Around 35+ Hours

- **Before you start :**
 1. Hardware Requirements for hands on: 16 GB RAM, i3 2nd Generation onwards or equivalent Processor, 70 GB HDD is needed for hands on.
 2. Download the OIM 11.1.2.3 Virtual Box Image (From [Curriculum](#)), follow the video instruction on how to set it up, ask for one to one support on setup of virtual box image in case any issue.
 3. OIM 11.1.2.3 Virtual Box Image is a Linux based image having same configuration and software versions as trainer virtual box image.
 4. Start with hands on right from database installation to all 32 video tutorials (From **Curriculum** - <https://www.tutionbooks.com/course/oracle-identity-management-11g-r2-ps3/?action=curriculum>) with running notes and “further read” links to associated theory.
 5. We cover each and every aspect of OIM admin with all latest PS3 features in a 100% practical, use case oriented manner, and it’s a lab exercises(32 videos) type of course, follow one topic and do the same in your virtual box machine, once you set it up.
- **Installation Phase (Free) :** Understand the Linux pre-requisites, install DB 12c(create and tune the DB 12c), RCU, weblogic using custom 64bit JDK, SOA Suite, IDM Suite, IAM Suite, BI Publisher, OUD and additionally will discuss and understand Oracle Security Solutions Offerings(Identity Governance Suite, Access Management Suite, Directory Services Suite, DB Security, Cloud Security). High Availability overview and implication in installation phase.
- **Configuration and Integration Phase:**
 6. Create IDMDomain(ODSM) and create instances of OID/OVD
 7. Understand OID/OVD(start/stop, logging, troubleshooting)
 8. Extending OID Schema(Attributes, Object classes for OIM)
 9. Understanding need of OVD, Creating adapter of OID in OVD using ODSM console
 10. Create OIM Domain (Admin server, OIM server, SOA server, BI Server).
 11. Upgrading OPSS schema
 12. Create DB Security Store for IAM.
 13. Start Servers and understand Weblogic Server Life Cycle.
 14. Configure OIM and enable LDAP Sync with OID, OVD and Microsoft Active Directory.
 15. High availability overview and implication in configuration and integration phase.
- **OIM Administrations topics :**
 1. How to start and stop complete OIM stack – DB 12c, Listener, oid_ovd_instance, AdminServer, soa_server1, bi_server1, oim_server1.
 2. Understanding /observing/Configuring **various consoles** of SOA (soa-infra, BPM worklist, SOA composer) and OIM (Identity, Sysadmin & Design).
 3. **LDAP Sync** Demonstration – auto synchronization of OIM users, roles, role membership, role hierarchy, new user registration to OVD(OID) and Microsoft Active Directory.

4. Create and manage records for organizations, roles, and users
5. Work with **Bulk Load Utility** to load users, roles, role membership, role hierarchy, account data into OIM from .csv file and DB table (both will be covered).
6. Installing, Configuring trusted and target applications for trusted reconciliation and target provisioning and target reconciliation.
7. Understanding ICF Based Connector bundle, Installing pre-built Connectors.
8. Configuring Scheduled Job for **Trusted Reconciliation (Create, Delete and Modify)**, fetching 2000 users from Trusted Application (HRMS Simulator App) into OIM, as well as to LDAP Sync of 2000 users to OID or OVD or Microsoft Active Directory– Observing Reconciliation events, user creation in OIM, LDAP Sync, troubleshooting issues, handling rogue users.
9. Provisioning Configuration for targets - Creating IT resources, Sandboxes, Application Instances, Object Forms using Form Designer, and Lookup Configurations for **OOD, Linux and database 12c**.
10. Creating Configuration, demonstrating **Direct Provisioning** with practical Use cases.
11. Creating Configuration, demonstrating **Auto or Criteria Based Provisioning** – Membership Rule, Access Policies.
12. Demonstrating Auto or Criteria based Provisioning with practical use cases.
13. Creating Configuration for Request Based Provisioning – Deploying 2 SOA Composites (from EM Console) to SOA Server, **Creating Approval Rules**, understanding the end to end flow of request based provisioning.
14. Demonstrating Request Based Provisioning with practical use cases - Working with Requests, **Request Profiles, Request Drafts**, workflow approvals, creating/modifying approval rules, request templates and managing requests created by a user.
15. **Understanding Provisioning flow and troubleshooting Provisioning Issues**
16. Configuring, Demonstrating **Account or Target Reconciliation** – Modify and Revoke both and how to handle Orphan Accounts.
17. Creating groups on target application, working on entitlement configuration, dealing with complete **entitlement life cycle management**.
18. Provisioning users to Roles, entitlements and Application instances with **Temporal Access**.
19. Working on **Organizational Security, Home Organization Policy, Dynamic Organization** (Organization Membership Rule) and **Password Policy**.
20. Working with **Proxy** and Email Templates.
21. OIM Logging, Auditing, troubleshooting and Monitoring.
22. OIM Reporting in BI Publisher, BI Publisher integration with OIM and observing 9 types of **OIM Audit reports in BI Publisher** with data and understanding report generation, scheduling and modification concepts.
23. Create/Test **Customized OIM Admin Role and Self Service Capabilities Policies and rules**.
24. Working with **Diagnostic Dashboard** for troubleshooting OIM-SOA issues, provisioning, reconciliation and various other connection issues.
25. Working with **Disconnected Application Instances** or Disconnected Resources and related Life Cycle – Creating additional attributes, working with SOA Composer to modify the business rule.
26. Exporting and Importing Oracle Identity Manager Configurations or OIM artifacts from DEV/TEST to PROD – using **sandbox and Deployment Manager**.
27. Enable Identity Audit, Certification Features.
28. **Working with Certification**– Concept and context, Certification **Configuration, Definitions, Risk Configuration, Dashboard, Certifications tasks, Event Listeners, Certifications Audit Reporting** in BI Publisher, multi-phase certification, offline certification, **closed loop remediation** and end to end flow of certification, covered with 2 use cases.

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29. **Working with Identity Audit** – Manage identity audit **rules, configurations, policies, scan definitions, policy violations**, Policy Violation Remediation, preventative and detective Identity Audit and Identity Audit Reports in BI Publisher, covered with 2 use cases.
30. Working with **Role Life Cycle Management** – Role Analytics (**Role Consolidation, SoD Violation and Impact Analysis**) and role life cycle management workflow.
31. Working with applying Bundle patches and understanding requirement to do so.
32. Email/SMTP (Exchange) Server Integration with OIM and SOA for email notifications

It is a 100% practical course, all use cases will be demonstrated practically, keeping real time scenarios in mind.

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