

## LDAP and Directory Services: Essentials

**Duration:** 2 Days

### What you will learn

This course gives you an overview of Oracle Identity Management products, basic Lightweight Directory Access Protocol(LDAP) concepts, features and architecture of Oracle Unified Directory(OU) and Oracle Internet Directory(OID).

Learn To:

Implement LDAP concepts like Schema and Structure.

Perform basic administration tasks of OU and OID.

Manage data in OU and OID by creating, modifying and deleting entries.

Manage the schema of OU and OID by creating, modifying and deleting object classes and attributes.

Perform basic logging tasks like configuring, logging and viewing log files.

Browse OU and OID by using JXPlorer.

Integrate an APEX application with OU and OID.

### Benefits to You

Reduce your organization's operating and ownership costs by implementing LDAP standard directory solutions that easily integrate with the Oracle Fusion Middleware platform.

Access the Oracle Learning Library

You'll also get access to relevant content within the Oracle Learning Library. This fundamental course is designed as a suggested pre-requisite for any other Identity Management courses, regardless of the product versions.

### Audience

Developer

Security Administrators

System Administrator

Technical Administrator

Technical Consultant

Web Administrator

### Related Training

#### *Suggested Prerequisites*

Knowledge of WebLogic Server domains and servers

Oracle WebLogic Server 11g: Administration Essentials

UNIX and Linux Essentials Ed 1

### Course Objectives

Describe the features and architecture of Oracle Unified Directory(ODU) and Oracle Internet Directory(OID)

Perform basic administration tasks of OUD and OID

Manage OUD and OID by using command-line tools and Oracle Directory Services Manager(ODSM)

Perform basic logging tasks in OUD and OID

Explore OUD and OID with JXplorer

Integrate Oracle Application Express(APEX) with OUD and OID

Explain basic LDAP concepts

Identify Oracle Identity Management products

### Course Topics

#### Identity Management Overview

Introduction to Identity Management

Functional aspects of Identity Management

Overview of Oracle Identity Management Products

#### Basic LDAP Concepts

Introduction to directory server, directory service and LDAP

Common misconceptions about LDAP

LDAP schema and structure

Implementing LDAP

LDIF(LDAP data interchange format)

Primary LDAP use cases

#### Directory Services: Introduction to OUD and OID

Features and architecture of OUD

Basic administration tasks of OUD

Features and architecture of OID

Comparison of OUD and OID

Basic administration tasks of OID

#### Managing Directory Services: Command Line Tools

Searching directory entries

Managing directory entries(creating, modifying, and deleting)

Managing entries in OID by using Bulk tools

Managing directory schema(creating, modifying, and deleting object classes and attributes)

Exporting and importing directory data

### **Managing Directory Services: ODSM**

Connecting to OUD and OID from ODSM

Searching directory entries

Managing directory entries

Managing directory schema

### **Basic Logging**

Introduction to logging

Viewing log files in OUD and OID

Configuring log files in OUD and OID

### **Integrating Applications with LDAP Directory Services**

Exploring OUD and OID with JXplorer

Integrating an APEX applicaiton with OUD and OID