

# Oracle Access Management 12c: Administration Essentials Ed 1

## Course Outline

### Overview of Access Manager

- Explain Oracle Access Manager run-time architecture
- Identify key Oracle Access Manager 12c PS3 features
- Explain the functional areas for each of the Oracle Access Management products
- Explain Oracle Access Manager overall architecture
- Explain the salient features of Oracle Access Manager

### Installation and Configuration

- Explain key definitions and terminologies
- Install Oracle Middleware Infrastructure
- Configure domain for Oracle Access Manager and Oracle HTTP Server
- Install Oracle Access Management
- Configure seeded database schemas by using the Repository Creation Utility
- Install Oracle HTTP Server
- Perform post-installation validation checks

### System Configuration: Servers, Datasources and Agents

- Extend Webgate with an option to enable Detached Credential Collection (DCC)
- Installing and Configuring Agents
- Manage Servers using OAM Administration Console and Oracle Web Logic Server Admin Console
- Registering Agents – OAM Admin Console, In-Band, Out-of-Band Understanding WLS Agents
- Manage agents using OAM Admin Console

### Policy Configuration: Shared Components and Application Domains

- Resource matching and Excluded resources
- Authentication Modules and Schemes
- Complex LDAP AuthZ and Response Filters, Authorization expressions
- Explain Access Control - Authentication and Authorization

### SSO and Session Management

- Sessions life cycle, caching and cookies
- Impersonation
- Errors codes, information and password policy validation errors
- OAM single sign-on and single logout
- Customizing the login and logout pages

### Using Oracle Access Manager With WebLogic Applications

- Protecting WLS applications with OAM
- Identity assertion providers
- OAM authenticator

## Auditing and Logging

- Audited events and recorded data
- Configuring logging settings
- Generating audit reports
- Configure audit settings
- Locating and examining logging output

## Troubleshooting and Management

- Work with Access Tester
- Understand OAM specific WLST commands
- Server processes and charts
- Work with Oracle Enterprise Manager Fusion Middleware Control
- Identifying connectivity issues between agents and servers (impact of load balancers and firewalls)

## Using Oracle Access Manager in Hybrid Environments

- Explain how Identity Cloud Service is configured for OAM Authentication
- Explain how Oracle Access Management can provide Authentication to IDCS
- Understanding the Hybrid On-Premise and Cloud environment