

OAM-12c-AE: Oracle Access Management 12c: Administration Essentials

Course Code: OAM-12c-AE

Duration: 5 days

Instructor-led Training (ILT) | Virtual Instructor-
led Training (VILT)

OVERVIEW

This Oracle Access Management 12c PS3: Administration Essentials training teaches you how to install, configure and implement a real life deployment of Oracle Access Manager 12c PS3 (12.2.1.3). Work with expert Oracle University instructors to install, troubleshoot, diagnose and more.

Learn To:

- Install and configure Oracle Access Manager 12c PS3.
- Configure servers, data sources and agents.
- Set up policy configuration (shared components and application domain).
- Manage sign-on, sign-off and sessions. Configure detached credential collector [DCC] Set up auditing, logging and troubleshooting for OAM 12c PS3.
- Manage sessions, policy and agents with the REST API.

SKILLS COVERED

- Install and configure Oracle Access Manager (OAM 12c).
- Configure servers, data sources, and agents. Set up policy configuration (shared components and application domain).
- Manage sign-on, sign-off, and sessions. Explain and set up auditing and logging for OAM 12c.
- Troubleshoot OAM 12c.

- Learn About Hybrid Cloud and On-Premise Access Management.
- Configure and explain WLS, identity assertion, OAM assertion provider, and WLS authenticator.
- Configure Detached Credential Collectors. Configure OAM Reports in BI Publisher.

WHO SHOULD ATTEND?

- End Users
- Technical Consultant
- Functional Implementer
- Reports Developer
- Technical Administrator
- Web Administrator

PREREQUISITES

- Basic Computer Knowledge.

MODULES

Module 1: 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

Module 2: 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

Module 3: 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

Module 4: 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

Module 5: 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

Module 6: Using Oracle Access Manager With WebLogic Applications

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

Module 7: Auditing and Logging

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

Module 8: 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)

Module 9: 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

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