

Oracle Identity Federation 11g R2: Administration

Duration: 4 Days

What you will learn

This Oracle Identity Federation 11g R2: Administration training gives you a chance to deep dive into this solution, with the help of expert Oracle University instructors. Oracle Identity Federation 11g R2 is a core component of the Oracle Identity and Access Management platform and plays a critical role in the enterprise IT infrastructure.

Learn To:

- Install Oracle Identity and Access Management Suite 11g R2.
- Implement transient and account mapping federation.
- Implement linking and role-based federation.
- Configure LDAP authorization in Oracle Access Manager.
- Manage Access Manager policies with Identity Federation.
- Use Identity Federation and Access manager in concert together.
- Generate federation reports and audit federation data.
- Monitor and view federation logs.
- Configure federation in a high availability environment.
- Configure OAuth Server.

Benefits to You

By taking this course, you'll develop a deeper understanding of the federation server, which enables cross-domain single sign-on and authentication in a multiple-domain identity network. OIF reduces account management for partner identities and lowers the cost of integration through support of industry federation standards.

Audience

- Application Developers
- Functional Implementer
- Sales Consultants
- Security Administrators
- Support Engineer
- System Analysts
- Technical Administrator
- Technical Consultant

Related Training

Required Prerequisites

A basic knowledge of Oracle Access Manager 11g

A general comprehension of Oracle Database 11g

A general comprehension of Oracle WebLogic Server 11g

Suggested Prerequisites

A general comprehension of LDAP concepts

A good familiarity with a Linux based environment

Oracle Access Manager 11g R2: Administration Essentials

Oracle Identity Federation: Overview

Oracle WebLogic Server 11g: Administration Essentials

Course Objectives

How federation is established between an Identity Provider and a Service Provider

The various federation protocols and the architecture behind SAML protocol

How federation server is integrated as a shared service in Oracle Identity and Access Management Suite

How to install Oracle Identity and Access Management Suite

How to map two different accounts of the same user using a common field

How to link two different accounts of the same user which does not have any common field

How to use Identity federation and Access manager in concert together

How to generate reports of federation data and to perform Auditing

How to view and configure log messages for federation

How to monitor federation activities

How to administer federation servers using various administrative tools

How to configure federation in high availability environment

How to configure and use OAuth Server

Course Topics

Course Introduction

Course Overview

Practice Environment

Resources

Understanding Oracle Identity Federation

- Introduction to Federation
- Oracle Identity Framework
- Oracle Unified Federation Framework
- Deployment options of federation

Architecture of Federation Server

- Components of Federation Server
- Shared service Architecture
- Overview of federated SSO in Access Manager
- Basic Installation tasks

Install and Configure Oracle Identity and Access Management Suite

- Integration of Federation Server with Access Manager 11gR2
- Creating a local datastore
- Install and Configure Oracle Identity and Access Management Suite 11g R2
- Post installation tasks
- Install Web gate and Register HTTP Server

Overview of Federation Protocols

- Federation standards
- Overview of SAML
- Overview of OpenId

Configure Oracle Access Manager for Federation

- Configure data store and authenticators
- Manage Identity federation partners
- Manage Identity federation settings

Federation Use cases

- Using Authentication schemes and modules for Identity Federation
- Different use-cases in federation
- Account mapping Federation
- Linking accounts using federation
- Role based federation

Other federation features in Oracle Access Manager 11gR2

- Managing Access Manager policies with Identity Federation
- Identity Provisioning plug-in
- Configuring the Identity Provider Discovery Service
- Configure self registration module

Auditing, Logging and Reporting in Access Manager

- Configuring Auditing for Oracle Identity Federation
- Reporting using BI Publisher
- Logging federation
- Using WLST commands

High Availability environment for Oracle Identity Federation

- Oracle Identity Federation Deployment Options
- High availability federation architecture
- Oracle Identity Federation High Availability Configuration Steps

Oracle Identity Federation Failover and Expected Behavior

Configuring and using OAuth Server

Overview of OAuth

Configure OAuth Server

Testing OAuth

Oracle Identity Federation – An End-End Case Study

Architecture for case study

Implementing case study