Oracle Identity Federation 11g R2: Administration

Duration: 4 Days

What you will learn

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.

This Oracle Identity Federation 11g R2 training teaches about federation server that 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.

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 High Availability environment.

Configure OAuth Server.

Live Virtual Class Format

A Live Virtual Class (LVC) is exclusively for registered students; unregistered individuals may not view an LVC at any time. Registered students must view the class from the country listed in the registration form. Unauthorized recording, copying, or transmission of LVC content may not be made.

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 to administer federation servers using various administrative tools

How to configure and use OAuth Server

How to configure federation in high availability environment

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

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