Oracle Service Bus 10g R3: System Administration

Duration: 3 Days

What you will learn

Oracle Service Bus (OSB) is Oracle's answer to the challenges that face distributed service networks. It provides your enterprise with a scalable and adaptable mediation layer for your service infrastructure. This course gives you a good introduction to this exciting technology. You will gain a good understanding of service bus concepts, as well as important detailed knowledge of service bus installation and administration.

An appendix is included outlining the new features found in the 11g version of the Oracle Service Bus product.

Learn To:Set up development, testing, and production environments for Oracle Service Bus (OSB)

Manage changes between BEA ALSB environments

Monitor service bus health

Integrate their service bus with an existing security infrastructure

Configure a highly available SOA infrastructure

Audience
Administrator

Related Training

Required Prerequisites

Basic WebLogic Server configuration and management
WebLogic Server security realm and clustering concepts
Prior knowledge of fundamental SOA Concepts
Oracle WebLogic Server 10g R3: System Administration

Suggested Prerequisites
BEA AquaLogic Service Bus 3: Essential Concepts (On OUKC)
Basic service bus concepts

Course Objectives
Migrate an OSB configuration from staging to production environments
Automate service bus tasks using scripts
Monitor service bus health
Define service level agreements that trigger alerts
Configure transport and message-based security policies
Initialize a domain and database to support OSB
Use SAML or SSL with OSB
Configure services for high availability
Synchronize OSB with a UDDI service registry

Product Installation

OSB Production Architecture

OSB Domains

Service Bus Console

Change Management

OSB Projects

Configuration Import/Export

Customization Files

Scripted Configuration

Customization Files

Service Level Agreements

Service Accounts

Service Key Providers

SAML (Security Assertion Markup Language)

BEA ALSB Clustering