Oracle Service Bus 10g R3: Design & Integrate Services for SOA

Duration: 3 Days

What you will learn

This course provides detailed, technical training on Oracle Service Bus 10gR3. This training provides an in-depth analysis of Oracle Service Bus and how it can be used to create a message infrastructure for services throughout the enterprise. Students will learn how Oracle Service Bus fits into an SOA Architecture. They will also learn how to use OSB as an integration point for services within the enterprise. Students will learn how to connect, mediate, and manage interactions between heterogeneous services and legacy applications across an enterprise-wide service network.
An appendix is included outlining the new features found in the 11g version of the Oracle Service Bus product.
Learn To:Create proxy services and configure message flows
Use Transformations
Validate Messages
Use common design patterns
Create business services that use different protocols

Audience

Developer
SOA Architect

Related Training

Required Prerequisites

XML experience

Web services experience

Suggested Prerequisites
Familiarity with the essential concepts of OSB

Oracle Service Bus 10g R3: Essential Concepts Ed 1 (On OUKC)

XPath and XQuery experience

Course Objectives

Create business services in OSB that use different protocols

Undertand OSB's role in an SOA architecture

Create proxy services and configure the message flow to route to services

Configure message flows to use callouts, routing tables, and transformations

Use message enrichment with services

Use the split-join pattern

Configure dynamic routing with services

Configure a proxy service to use REST

Course Topics

Introduction to SOA

Introduction to Oracle Service Bus

OSB Resources

Context Variables

Branching

Communication Actions

Message Processing Actions

XQuery Mapper and Transformations

Callouts

Error Handling

Validation

Reporting and Logging

Split-Join Pattern

Delivery Methods

Dynamic Routing

Versioning

Representational State Transfer (REST)