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Oracle OSB Course Content

MODULE: 1 Introduction

- OSB Definition
- SOA vs. OSB
- OSB vs. Mediator
- Real-time SOA, OSB, and BPM scenarios
- OSB11g vs. OSB 12c comparison
- New Features of OSB 12c

MODULE: 2 Online Services

- Oracle JDeveloper 12c Overview
- XML, XSD, Web Services, SOAP, UDDI, and WSDL overview
- Demonstration of a Sample Web Service.
- Recognising WSDL

MODULE: 3 Installation of OSB

- Real-time Server Configurations
- Introduction to Server Consoles
- Types of Installation
- Integrated Server
- Standalone
- Compact Domain

MODULE: 4 SCA (Service Component Architecture) Overview

- The SCA and its elements
- Creating OSB Applications with JDeveloper
- Defining Composite Applications

MODULE: 5 Taking Care of and Observing the OSB Application

- Deploying, Undeploying, and Testing OSB Service
- Basics of Administering and Monitoring the OSB Application Working with Enterprise Manager
- Working with Service Bus Console

MODULE: 6 Utilising OSB Components

- Service Proxy
- Commercial Service
- A Summary of Message Flow

MODULE: 7 Activities for Working with Message Flow

- Pipeline Couple
- Stage
- Assign
- Replace
- Validate

- Log
- Alert

- Report
- Reply
- Route
- Java Callout

MODULE: 8 Implementing Various Flow Activities

- Conditional
- Operational
- Error Handler
- Routing
- Routing Table
- Publish
- Publish Table
- If-Then
- For Each
- Transport Headers
- Service Callout
- Routing Options
- Dynamic Routing

MODULE: 9 Utilising Adapters

- Database Adapter
- Data Base Polling
- File Adapter
- JMS Adapter

MODULE: 10 Miscellaneous

- Mock Services
- Split Join
- SOAPUI Testing
- SOA-OSB Sample Demonstration