Oracle Service Bus 12c: Design & Integrate Services Ed 1 Course

Course Duration: 24 Hrs.   **Course Code: D88639**

Course Overview

The Oracle Service Bus 12c: Design & Integrate Services Ed 1 Course is designed to help learners gain expertise in building, integrating, and managing service-oriented applications using Oracle Service Bus (OSB). This training provides hands-on experience with designing service interfaces, integrating diverse applications, securing services, and managing message transformations. Participants will learn how to leverage OSB 12c features to deliver flexible, scalable, and robust enterprise integration solutions.

What you'll learn?

- Understand Oracle Service Bus 12c architecture and capabilities
- Design, configure, and deploy service-oriented applications
- Work with SOAP, REST, and other messaging protocols
- Perform message transformation and routing
- Secure, monitor, and troubleshoot OSB services
- Integrate OSB with other Oracle SOA Suite components
- Implement best practices for scalability and performance

Target Audience

- Middleware Developers
- Integration Developers and Architects
- Application Developers working on enterprise integration projects
- System Administrators and Technical Consultants managing Oracle SOA Suite and OSB environments

Pre-Requisites

- Basic knowledge of XML, XSD, and WSDL
- Familiarity with web services (SOAP & REST)
- Understanding of SOA concepts
- Prior experience with Oracle SOA Suite is recommended but not mandatory

Course Content

Module 1: Introduction to Oracle Service Bus 12c

Module 2: OSB Architecture and Key Features

Module 3: Developing and Deploying Proxy and Business Services

Module 4: Message Transformation and Routing

Module 5: Working with Adapters and External Services

Module 6: Designing and Managing Pipelines

Module 7: Implementing Error Handling and Fault Management

Module 8: Securing Services in Oracle Service Bus

Module 9: Monitoring and Troubleshooting Services

Module 10: Best Practices for Performance and Scalability