

---

# Oracle Service Bus 12c Design & Integrate Services

## Ed 1

---

This Oracle Service Bus 12c: Design and Integrate Services training teaches you how to integrate services across various protocols and technologies. Deep dive into the VETRO (Validate, Enrich, Transform, Route, Operate) pattern implementation.

### Objectives

- Implement message validation, routing, transformation and enrichment
- Integrate services with legacy systems
- Provide reliable delivery of messages between applications
- Use Oracle Service Bus and OWSM to secure services
- Test, debug, and troubleshoot Oracle Service Bus applications
- List Oracle Service Bus capabilities
- Enable service level abstraction
- Describe Oracle Service Bus architecture and functional layers
- Expose a SOAP service as a REST service

### Topics

- Introduction
- Introducing Oracle Service Bus
- Getting Started with Oracle Service Bus Applications
- Basics of Message Flow
- Validating Messages and Error Handling
- Transforming Messages
- Routing Messages
- Enriching Messages
- Processing Messages with Concurrent Calls
- Adapters and Transports
- Reliable Messaging
- Service Bus Security
- Advanced Topics