

# Oracle SOA Suite 12c: Build Composite Applications Ed 2 Course

**Course Duration: 16 Hrs.**

**Course Code: D89042**

## Course Overview

The Oracle SOA Suite 12c: Build Composite Applications Ed 2 provides participants with knowledge and hands-on skills to design, develop, and manage service-oriented architecture (SOA) composite applications. This training focuses on the SOA Suite 12c components, including Service Bus, BPEL, Mediator, and Human Workflow, enabling learners to integrate services, orchestrate processes, and ensure seamless communication across enterprise systems.

## What You'll Learn?

By completing this course, you will:

- Understand SOA concepts and Oracle SOA Suite 12c architecture.
- Build and deploy composite applications using BPEL, Mediator, and adapters.
- Develop service-oriented solutions with Service Bus and Enterprise Scheduler.
- Integrate services with business processes and human workflows.
- Monitor, manage, and troubleshoot composite applications in SOA Suite.
- Apply design patterns and best practices for scalable SOA solutions.

## Target Audience

This course is designed for:

- Application Developers
- SOA Architects
- Integration Specialists
- Middleware Developers
- Technical Consultants

## Pre-Requisites

Participants should have:

- Basic knowledge of XML, XSD, and WSDL.
- Familiarity with web services concepts (SOAP, REST).
- Understanding Java programming fundamentals.
- Knowledge of database concepts and SQL is beneficial.

## Course Content

**Module 1:** Introduction to SOA and Oracle SOA Suite 12c Architecture

**Module 2:** Designing and Building Composite Applications

**Module 3:** Developing with BPEL Process Manager

**Module 4:** Using Mediator for Message Routing and Transformation

**Module 5:** Implementing Human Workflow and Business Rules

**Module 6:** Working with Adapters (Database, File, JMS, Web Services)

**Module 7:** Integrating Services with Oracle Service Bus (OSB)

**Module 8:** Managing and Monitoring SOA Composite Applications

**Module 9:** Using Enterprise Scheduler Service (ESS)

**Module 10:** Troubleshooting and Best Practices in SOA 12c