



---

## Oracle SOA Suite12c Implementation

### Course Description

Learn with expert for quick techniques, design and implementation of components, assembling composite applications, integrating Java, governance, and security are also covered in our instructor led online training program. We provide elaborate, sensible informative training on Oracle SOA Suite 12c implementation from start-to-finish, case studies as an example every construct, 100 % sensible eventualities and technique.

### Oracle SOA Suite12c Implementation online training curriculum

#### SOA Concepts and Oracle SOA 12c Product Stack Architecture

- Concepts of Web Services, WSDL, XSD, XML and XSLT
- SCA (Service Component Architecture)
- BPEL
- Mediator
- Human Task
- Business Rules
- Oracle Service Bus (OSB)
- Business Activity Monitoring (BAM)
- Overview of AIA

#### Introduction and Concepts of SOA

- Definition of SOA
- Standards and Specifications that make SOA
- Describe SOA Reference Architecture
- Understanding SOA Suite 12c Product
- Understanding Service Design Considerations and different Service Components

#### Understanding SOA 12c

- List SOA 12c Components
- Describe Service Components
- Define Composite Application
- Describing Enterprise Manager
- Concepts of Oracle Weblogic Server
- Introduction to Oracle Jdeveloper 12c

#### Providing Services for SOA

- Defining a Service
- Describing key Service Artefacts
- Reviewing Web Service Concepts and Architecture
- Reviewing Concepts of XML schema, XSLT and WSDL Documents
- Introduction to Adapter Framework

### **Introduction and Concepts of SCA (Service Component Architecture)**

- Explain SCA and its components
- Defining Composite Application
- Creating SOA Composite in J-dev

### **Managing and Monitoring SOA Composite Application**

- Basics of Administrating and Monitoring the SOA Composite
- Working with Enterprise Manager
- Deploying, Un-deploying and Testing SOA composite
- Debugging SOA Composite

### **Introduction to Concepts BPEL**

- Understanding Orchestration
- Getting Started with Oracle BPEL Process Manager
- Overview of Oracle BPEL Process Manager Components
- Overview of BPEL Designer Environments
- Overview of Activities
- Concepts of Partner Links and Service Invocations

### **BPEL Concepts In-depth**

- Invoking Web Services using BPEL
- Interaction patterns in BPEL (Synchronous/Asynchronous)
- Concepts of Variables and uses in BPEL
- Implementing Parallel flows in BPEL
- Conditional Branching in BPEL
- Suspending threads in BPEL
- Manipulating and Transforming XML Data in BPEL using XSLT
- Explaining Data Manipulation and X-Path Standards
- Explaining Adapter concepts and Framework
- Explaining different types of Adapter
- Implementing Adapters using BPEL
- Debugging BPEL Processes
- Concepts of Fault Handling in BPEL

### **Human Tasks**

- Concepts of Human Task
- Implementing Human Task Components in SOA

### **Business Rules**

- Concepts of Business Rules Component
- Implementing Business Rules Components

### **Oracle Service Bus (OSB)**

- Concepts of Oracle Service Bus
- Vitalizing Services using OSB
- Concepts of Business and Proxy Services in OSB
- Designing and Implementing Business and Proxy services using OSB
- Calling Services in OSB

**BAM (Business Activity Monitoring)**

- Concepts of BAM
- Implementing BAM

**Overview of AIA**

- Concepts of EBO,EBF, EBM, ABCS,
- Concepts of PIP's

**Miscellaneous**

- Concepts of Event in 12c
- Introduction to MFT in 12c
- Introduction to concept of Work Managers in 12c

BISP