

# Hands on Training

Introduction to Oracle BPEL Process Manager 10.1.3  
Comprehensive Oracle BPEL Process Manager 10.1.3  
Introduction to Oracle Enterprise Service Bus 10.1.3  
Comprehensive Oracle Enterprise Service Bus 10.1.3  
Introduction to BEA Aqualogic Service Bus 3  
Introduction to Oracle SOA Suite 10.1.3  
Comprehensive Oracle SOA Suite 10.1.3

# 1

Topics ranging from Web Services to BPEL to ESB and many more. 50 different topics, World-class training material, A Great Value for your money

## Top Reasons for Attending our Training Engagement

### Content

The training content is structured to match your organizations specific business objectives and need. Our training engagement topics range from Web Services to BPEL to ESB, covering beginner, intermediate and advanced levels of training.

### Structure

Our innovative and flexible learning approach consists of instructor-led learning methods, supplemented with hands-on exercises, mentoring and access to our online library of knowledge including our World-class training material.

### Schedule

Visit our website at <http://www.miraclesoft.com> for details.

### Location

Training is provided at our SOA Education Centre, Novi, MI or can also be organized at your company site. For any customized training engagement call us at (248) 233-1847 (or) (248) 233-1804

### Training Team Size and Collaboration

Small team size (**Maximum of 10 attendees per training engagement**), our learning environment and approach encourage you to have a high degree of collaboration and teaming, while going through the program.

### Budget

We offer a great value for your money. Our training engagements cost **\$1,200 per day for up to 10 attendees + Expenses (if we conduct training at your location)**. Please call us at (248) 233-1847 (or) (248) 233-1804 for further details.

## Course Duration

Each of our training engagements has specific course duration. Please see Page 2 of this document for specific time duration.

## Audience

SOA Architect, Application Developers, J2EE Developer, Technical Consultant, Business Analysts, Technical Sales Consultants

## Pre-Requisites

XML, XML Schema, XPath, and XSLT, Web Service basics, such as WSDL and SOAP. Pre-requisites for the advanced modules are Introduction to Oracle BPEL Process Manager 10.1.3, Introduction to Oracle Enterprise Service Bus 10.1.3

# 2

## Training Engagements

Overview, Duration and Pricing

### Training Engagements

1. **Introduction to Oracle SOA Suite – 5 Days**
  - a. Introduction to Oracle BPEL Process Manager 10.1.3 *(please see below)*
  - b. Introduction to Oracle Enterprise Service Bus 10.1.3 *(please see below)***Price: \$6,000\***
  
2. **Comprehensive Oracle SOA Suite – 10 Days**
  - a. Introduction to Oracle BPEL Process Manager 10.1.3 *(please see below)*
  - b. Comprehensive Oracle BPEL Process Manager 10.1.3 *(please see below)*
  - c. Introduction to Oracle Enterprise Service Bus 10.1.3 *(please see below)*
  - d. Advanced Enterprise Service Bus 10.1.3 *(please see below)***Price: \$12,000\***
  
3. **Introduction to Oracle BPEL Process Manager 10.1.3 - 3 Days**
  - a. Includes Basic BPEL Concepts *(please refer to the details, BPEL topics, in page 3)***Price: \$3,600\***
  
4. **Comprehensive Oracle BPEL Process Manager 10.1.3 – 5 Days**
  - a. Basics of BPEL and related Concepts *(please refer to the details, BPEL topics, in page 3)*
  - b. Advanced BPEL topics *(please refer to the details, Advanced BPEL topics, in page 3)***Price: \$6,000\***
  
5. **Introduction to Oracle Enterprise Service Bus 10.1.3 – 2 Days**
  - a. Basic ESB Concepts *(please refer to the details, ESB topics, in page 3)***Price: \$2,400\***
  
6. **Comprehensive Enterprise Service Bus 10.1.3 – 3 Days**
  - a. Basics of ESB and related concepts *(please refer to the details, ESB topics, in page 3)*
  - b. Advanced ESB Concepts *(please refer to the details, Advanced ESB topics, in page 3)***Price: \$3,600\***
  
7. **Introduction to Aqualogic Enterprise Service Bus 3 – 3 Days**
  - a. Basic ESB Concepts *(please refer to the details, BEA Aqualogic Service Bus topics, in page 3)***Price: \$3,600\***

# 3

## Comprehensive list of Course Topics

## Comprehensive List of Course Topics

### ESB Topics

- Oracle Enterprise Service Bus Overview
- Adapter Services
  - Configuring An Inbound Adapter
  - Configuring An Outbound Adapter
- ESB-External Invocations
- Routing Services & Routing Rules
  - Creating A Routing Service & Testing
  - Creating Routing Rules
    - Specifying Target Service Operation
    - Specifying The Filter Expression
    - Specifying The Transformation
    - Domain Value Maps
- Debugging ESB
- Oracle Web Services Manager

### Advanced ESB Topics

- Integrating with enterprise applications
- Incorporating Java/J2EE Code in BPEL Processes
- Developing custom transformation functions in Java
- Implementing standard enterprise integration patterns

### BEA Aqualogic Service Bus Topics

- Basics of SOA
- ALSB service types
- Message flow configuration
- Message enrichment
- Branching
- Best practices with ALSB
- Federated ALSB

### BPEL Topics

- Oracle BPEL Process Manager Overview
- BPEL Process Manager Concepts
  - Synchronous Web Service
  - Asynchronous Web Service
  - Dehydration
  - Managing Multiple Active BPEL Process Instances Using Correlation Methods
  - Activities
    - Basic Activities
    - Structured Activities
  - Events & Timeouts
- Fault Handling
- Interaction Patterns
- XSLT Data Mapper & Transformations
- Notification Services
- Sensors
- Human Workflow
- BPEL Control
- Oracle Web Services Manager

### Advanced BPEL Topics

- Business Rules
- Incorporating Java/J2EE Code in BPEL Processes
- Developing custom transformation functions in Java
- BPEL Process Deployment & Domain Management
- Testing BPEL Processes
- BPEL Portlets
- BPEL Control Reports