



Noble Software Consulting IT Training

ORACLE SOA COURSE OVERVIEW

The complete Introduction to Oracle SOA gives you the expert knowledge and hands-on experience you need to begin using Oracle SOA Suite and BPEL technology. You will learn the practical application.

ORACLE SOA TRAINING COURSE OUTLINE- 30 HRS

1	Introduction to the Course and Course Contents
2	Oracle SOA Suite 10g concepts and architecture Web Services Understanding WSDL, SOAP and UDDI concepts Practice Install SOA Suite and configure JDeveloper
3	First BPEL process BPEL designer and process manager Practice Understand BPEL designer and activities Hello World BPEL process
4	Synchronous and Asynchronous Practice Create a synchronous process Create an asynchronous process
5	Parallel processing and Conditional branching Creation of Java Web service from scratch (using bottom up approach) Practice Create Web service utilizing Google Translation API Add multiple flows and conditions in process
6	Using Throw activity to throw faults Using Fault Handler to handle faults Compensation handler Using Sensors Practice

	<p>Throwing simple faults and faults with variable Returning faults to client by adding fault message to WSDL</p>
7	<p>Exploring Pick activity and OnAlarm branch Using Wait activity Practice Develop BPEL process from scratch and use pick</p>
8	<p>Invoking BPEL from Java Invoking BPEL from PL/SQL Invoking BPEL from Excel Practice Invoke BPEL from Java, PL/SQL, Excel</p>
9	<p>Human Workflow Practice Sending an approval notification</p>
10	<p>Business Rules Embedding Java in BPEL process Practice Test OBR Use Java embedding to set/get BPEL variables, for logging Call an external Java class, call an EXE, set title of BPEL process Using XML Façade</p>
11	<p>Adapters Using Header variables Practice Read and write a file using file adapter Poll for new rows in a table using DB adapter Insert data into table using DB adapter Insert data into JMS queue using JMS adapter Use header variables to specify file name while writing a file Delete any file using header variables and opaque schema</p>
12	<p>Basics of Enterprise Service Bus Practice Build ESB and use routing rules Use Filters and Transformations in ESB Use domain value map</p>
13	<p>ESB Tricks Content Based Routing Using the message header Using Tracking Fields Using DVM</p>
14	<p>Comprehensive Error Handling Error handling in Adapters, ESB and BPEL Introduction to Order Demo</p>
15	<p>AIA Concepts Interview Questions Completing Order Demo</p>

