

## Oracle BEA WebLogic Server 10.x System Administration

This course is designed to provide instruction and hands-on practice in the major aspects of the administrative tasks of the WebLogic Server 10.x Platform. These tasks include starting and or connection pools, selecting and monitoring the configuration of resources, detecting and correcting problems, monitoring and evaluating system performance and deploying Enterprise JavaBeans, Web Applications and Enterprise Applications.

\*Group rates available – Inquire for more details\*

**Duration:** 24 hours

Upon completion of the course, students will be able to:

- Understand WebLogic architecture
- Understand deployments of EJB and Web applications
- Understand how to run WebLogic as a Web server
- Set up WebLogic Server test environments for developers
- Start/stop servers, problem detection and trouble shooting
- Use clustering for fault tolerance and load balancing
- Configure and monitor resources in a production environment
- Conduct security planning and implementation
- Handle large throughput and concurrency
- Understand performance tuning

### **Audience**

Web server administrators, project managers, developers and consultants who want to gain the knowledge of WebLogic Server administration.

### **Minimum pre-requisites**

- Knowledge and experience of network management and protocols
- Knowledge and experience of RDBMS

### **Course Content**

- J2EE and WebLogic Server architecture
- WebLogic Clustering
- WebLogic Application Deployment
- WebLogic Resources and Services Configuration and Monitoring
- Security and Transaction Management
- WebLogic Performance Tuning

**Module 1**

- Course Introduction

**Module 2**

- Introduction to WebLogic

**Module 3**

- Weblogic Installation and Testing

**Module 4**

- WebLogic Console Administration

**Module 5**

- JNDI with WebLogic

**Module 6**

- WebLogic Deployments

**Module 7**

- WebLogic Deployment Descriptors

**Module 8**

- Configuring JDBC

**Module 9**

- Configuring JMS

**Module 10**

- WebLogic HTTP Server

**Module 11**

- WebLogic Security

**Module 12**

- Configuring WebLogic Clusters

**Module 13**

- Node Manager

**Module 14**

- WebLogic Performance Tuning