

## *BEA WebLogic Server 9.0: System Administration*



*Course Number: WLS-A11-90*

### *Overview*

This course trains system administrators and data center personnel on techniques for installing, configuring, deploying, monitoring, and tuning distributed, clustered systems deployed on BEA WebLogic Server 9.0. This training concentrates on techniques for building high-availability, clustered configurations to insure that your applications are available 99.999 percent of the time. Methods for hardening your implementation to provide reliable security are also emphasized. You will be able to ensure Quality of Service (QoS) for large scale J2EE applications hosted on BEA WebLogic Server 9.0. This First Edition course from BEA Education Services provides you with a headstart on your BEA WebLogic Platform™ 9.0 initiative by training you to successfully develop and deploy enterprise applications using the 9.0 products. First Edition courseware content is cutting edge and supports the GA version of BEA software. First Edition courses offer you access to a dedicated team of experienced BEA instructors, as well as 9.0 best practices and resources, to enable effective planning and implementation of 9.0 technology decisions.

### *Skills you will learn*

- Ensure quality of service (QoS) for large scale J2EE applications hosted on BEA WebLogic Server 9.0
- Incorporate authentication, authorization, auditing and non-repudiation services across the enterprise using WebLogic Server 9.0
- Install BEA WebLogic Server 9.0 using multiple techniques
- Configure a clustered BEA WebLogic Server 9.0 environment
- Write custom scripts to automate repeatable and tedious administration tasks
- Create and manage development, staging, QA and production environments
- Deploy J2EE application modules and libraries using a variety of techniques
- Manage applications through the entire production life cycle

### *Topics Covered*

- WebLogic installation and configuration, network and unattended installs
- WLS as a Web Server
- Security configuration (users, groups, roles, policies, SSL)
- Service management (JMS, JNDI, JDBC, transactions)
- Custom J2EE Classloading
- Startup/shutdown classes
- Application Lifecycle events

- Performance tuning
- Development and production environment configuration
- Node manager
- SNMP
- WLS clustering
- JRockit (architecture, features, configuration, monitoring)
- Monitoring (application, server)
- Backup and restore
- Network channel configurations
- Administration scripting
- Message catalog
- JMX config and runtime MBeans
- Application deployment
- Hardening the production environment

***Prerequisites***

- TCP/IP networking knowledge of Client/Server concepts

***Course Length***

5 Days

***Course Format***

Lecture with computer based labs