

BEA WebLogic Server™ 8.1 System Administration



Course Number: WLS-A11-81

Overview

This 5 day 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 8.1. This training concentrates on techniques for building high-availability, clustered configurations to ensure that your applications are available 99.999% of the time. Methods for hardening your implementation to provide reliable security are also emphasized. You will be able to ensure QoS for large scale J2EE applications hosted on BEA WebLogic Server 8.1.

This course from BEA Education Services provides you with a head start on your BEA WebLogic Platform 8.1 initiative by training you to successfully develop and deploy enterprise applications using the 8.1 products.

Key Benefits

- Ensure Quality of Service (QoS) for large scale J2EE applications
- Write custom scripts to automate repeatable and tedious administration tasks
- Manage deployed applications through their life cycle

Skills you will learn

- Incorporate authentication, authorization, auditing and non-repudiation services across the enterprise using BEA WebLogic Server 8.1
- Install BEA WebLogic Server using multiple techniques
- Configure a clustered BEA WebLogic Server 8.1 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

Prerequisites

- TCP/IP Networking
- Knowledge of Client/Server concepts

Recommended: BEA WebLogic Platform 8.1: Overview (PLAT-01)

Course Length

5 Days

Course Format

Lecture with computer-based labs

Course Content

- BEA WebLogic Server 8.1 installation and configuration, network and unattended installs
- BEA WebLogic Server 8.1 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
- Hardening the production environment