



## Course Description

# BEA WebLogic Server® 9/10: System Administration

### Course Details:

Course ID: WLS-A11-100  
Format: Instructor-led training in a classroom and over the web  
Length: 5 days  
Product: BEA WebLogic Server 10

### How to Enroll:

Americas:  
Web: <http://education.bea.com>  
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After taking the **BEA WebLogic Server® 9/10: System Administration** course, students will have the skills to:

- Ensure Quality of Service (QoS) for large scale J2EE applications
- Create highly secure production environments
- Manage deployed applications through their lifecycle

### Course highlights

This course trains system administrators and data center personnel on techniques for installing, configuring, deploying, and securing distributed, clustered systems deployed on BEA WebLogic Server 10. This training focuses on techniques for building high-availability, clustered configurations to ensure applications uptime of 99.999%. Methods for hardening the implementation to provide reliable security are also emphasized. Students will be able to ensure Quality of Service for large scale J2EE applications hosted on BEA WebLogic Server 10.

### Who should attend this course

- System administrators new to BEA WebLogic Server

### Prerequisites

- TCP/IP networking knowledge of client/server concepts

### Recommended knowledge

- J2EE concepts
- EJB development
- Servlet and JSP development

### BEA courseware that provides the recommended knowledge

- BEA WebLogic Server 9.0: J2EE Programming with EJBs (WLS-D21-90)
- BEA WebLogic Server 9.0: J2EE Programming with Servlets and JSPs (WLS-D11-90)

### Skills you will learn

- Ensure quality of service for large scale J2EE applications hosted on BEA WebLogic Server 10
- Incorporate authentication, authorization, auditing and non-repudiation services across the enterprise using BEA WebLogic Server 10
- Install BEA WebLogic Server 10 using multiple techniques
- Configure a clustered BEA WebLogic Server 10 environment
- Write custom scripts to automate repeatable and tedious 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 lifecycle

### Topics covered

- BEA WebLogic Server installation and configuration, network and unattended installs
- BEA WebLogic Server as a Web server
- Security configuration (users, groups, roles, policies, SSL)
- Service management (JMS, JNDI, JDBC, transactions)
- Custom J2EE class loading
- Startup/shutdown classes
- Application life cycle events
- Development and production environment configuration
- Node manager
- SNMP
- Monitoring (application, server)
- Network channel configurations
- Administration scripting
- Application deployment
- Cluster configuration
- Proxy servers
- Session replication
- Application deployment to a cluster

### Topics covered

- Clustering services
- Server migration
- Overview of BEA WebLogic Server Virtual Edition

### Additional courseware of interest

- BEA WebLogic Server 10: WebLogic Diagnostics Framework (WLS-A73-100)
- BEA WebLogic Server 10: Performance Tuning (WLS-A75-100)
- BEA WebLogic Server 10: Advanced System Administration (WLS-A21-100)

### About BEA Education Services

BEA Education Services' Liquid Learning approach helps an organization realize the benefits of open standards, web services and Service-Oriented Architecture. It offers flexible learning options and comprehensive curriculum based on real-world experience. Your team will reap measurable results and get moving in the right direction from day one, allowing you to invest in their skills with confidence. BEA has trained over 100,000 professionals world-wide and is rated #1 by customers in education satisfaction and loyalty.

### About BEA

BEA Systems, Inc. (Nasdaq: BEAS) is a world leader in enterprise infrastructure software. The BEA SOA 360™ platform is the industry's most unified SOA platform for business transformation and optimization. Customers depend on the BEA Tuxedo®, WebLogic®, and AquaLogic™ product lines to reduce IT complexity and leverage existing resources, achieving Business LiquidITy™ while improving cost structures and growing new revenue streams. Find out more at [bea.com](http://bea.com).

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