



## Course Description

# BEA WebLogic Server® 9.1: System Administration

### Course Details:

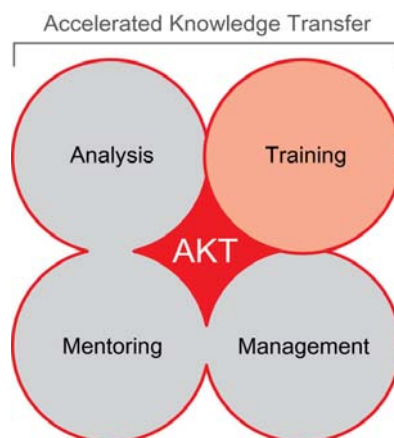
Course ID: WLS-A11-91  
Format: Instructor-led Training,  
Virtual Classroom  
Length: 5 days  
Product: BEA WebLogic Server  
9.1

### How to Enroll:

Americas:  
Web: <http://education.bea.com>  
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Phone: 1-800-232-4858

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After taking the **BEA WebLogic Server® 9.1: 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 9. 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.

### 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 (QoS) for large scale J2EE applications hosted on BEA WebLogic Server 9
- Incorporate authentication, authorization, auditing and non-repudiation services across the enterprise using BEA WebLogic Server 9
- Install BEA WebLogic Server 9 using multiple techniques
- Configure a clustered BEA WebLogic Server 9 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 lifecycle 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
- Clustering services
- Server migration

### Additional courseware of interest

- BEA WebLogic Server 9.1: WebLogic Diagnostics Framework (WLS-A73-91)
- BEA WebLogic Server 9.1: Performance Tuning (WLS-A75-91)
- BEA WebLogic Server 9.1: Advanced Messaging (WLS-A66-91)
- BEA WebLogic Server 9.1: Advanced Security (WLS-A67-91)
- BEA WebLogic Server 9.1: WebLogic Server Management Services – JMX-Based Administration (WLS-A61-91)

### About BEA Education Services

BEA Education Services provides a comprehensive education solution that accelerates knowledge transfer. BEA's Accelerated Knowledge Transfer (AKT) Solution is a portfolio of learning and management services that serves the full lifecycle of enterprise training needs and provides a strong foundation for readiness and self-sufficiency. AKT's four pillars, Analysis, Training, Mentoring and Management, support the evaluation, planning, learning and tracking of enterprise and individual learning. 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, providing standards-based platforms to free the flow of information, services, and business processes. BEA product lines -- WebLogic<sup>®</sup>, Tuxedo<sup>®</sup>, and the new AquaLogic<sup>™</sup> family of Service Infrastructure products -- help customers reduce IT complexity and successfully deploy Service-Oriented Architectures to improve business agility and efficiency. Headquartered in Silicon Valley, BEA is a billion-dollar company with 15,000 customers worldwide served by 76 offices in 36 countries. More information at [bea.com](http://bea.com).

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