



# SYSTEM

BEA WebLogic Server™ 8.1

# ADMINISTRATION

**COURSE DETAILS**

Course ID: WLS-A11-81  
 Format: Instructor-led Training  
 Length: 5 Days  
 Curriculum  
 Tracks: Administrator:  
 Administration Track  
 Products: BEA WebLogic Server 8.1

**HOW TO ENROLL**

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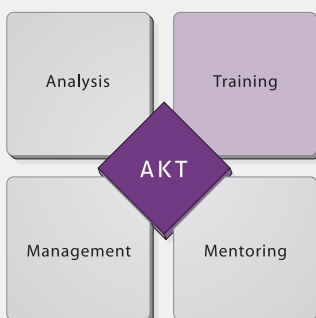
After taking **BEA WebLogic Server 8.1: System Administration**, you will:

- > Ensure Quality of Service (QoS) for large scale J2EE applications
- > Incorporate authentication, authorization, and auditing services across the enterprise
- > Manage deployed applications through their life cycle

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 8.1. This training concentrates on techniques for building a load-balanced, clustered configuration to ensure high availability in your BEA WebLogic Server 8.1 environment. 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 features BEA Ed.Lab, a revolutionary learning environment, offered exclusively by BEA. BEA Ed.Lab bridges the gap between technical training and real-world implementation.

*Accelerated Knowledge Transfer*





#### WHO SHOULD ATTEND THIS COURSE

- > System administrators
- > Data center personnel

#### SKILLS YOU WILL LEARN

- > Ensure quality of service (QoS) for large scale J2EE applications hosted on BEA WebLogic Server 8.1
- > Incorporate authentication, authorization, and auditing services across the enterprise using BEA WebLogic Server 8.1
- > Install BEA WebLogic Server 8.1 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

#### TOPICS COVERED

- > 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)
- > Troubleshooting
- > Performance Tuning
- > Development and production environment configuration
- > Integration across firewalls
- > Node manager
- > SNMP
- > BEA WebLogic Server 8.1 Clustering

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- > JRockit (architecture, features, configuration, monitoring)
- > Monitoring (application, server)
- > Backup and restore
- > Network channel configurations
- > Administration scripting
- > Message catalog configuration
- > JMX
- > Application deployment
- > Hardening the production environment

#### PREREQUISITES

##### REQUIRED

- > TCP/IP Networking
- > Knowledge of Client/Server concept

#### 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 the world's leading application infrastructure software company, providing the enterprise software foundation for more than 15,000 customers around the world, including the majority of the Fortune Global 500. BEA and its WebLogic® brand are among the most trusted names in business. Headquartered in San Jose, Calif., BEA has 77 offices in 31 countries and is on the Web at [www.bea.com](http://www.bea.com).

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