



Course Description

BEA WebLogic Server® 9/10: Advanced System Administration

Course Details:

Course ID: WLS-A22-100

Format: Instructor-led training in a classroom

Length: 3 days

Product: BEA WebLogic Server 9/10

How to Enroll:

Americas:

Web: <http://education.bea.com>

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Europe:

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Asia Pacific:

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Phone: +852-2290-9233

After taking the **BEA WebLogic Server® 9/10: Advanced System Administration** course, students will have the skills to:

- Use the advanced security features of BEA WebLogic Server
- Configure complex Java Messaging Service (JMS) systems
- Automate tasks in WebLogic Server using Java Management Extensions (JMX) and WebLogic Scripting Tool (WLST)

Course highlights

This course trains senior system administrators and senior data center personnel on advanced topics surrounding the monitoring and maintenance of BEA WebLogic Server 10. It teaches the student how to use command-line utilities to monitor, maintain, and optimize BEA WebLogic Server 10 domains. The student will also be able to create advanced security and messaging configurations.

Who should attend this course

- BEA WebLogic Server administrators

Prerequisites

- BEA WebLogic Server System Administration course or equivalent experience

BEA courseware that fulfills the prerequisites

- BEA WebLogic Server 9/10: System Administration (WLS-A11-100)

Recommended knowledge

- Basic knowledge of the Java programming language

BEA courseware that provides the recommended knowledge

- Fundamentals of Java Using Eclipse (JAVA-D11-50)

Skills you will learn

- Understand MBeans and the architecture of the JMX design
- Write WLST scripts
- Write Ant scripts to leverage WLST
- Write Java classes that access MBeans
- Configure the embedded Lightweight Directory Access Protocol (LDAP) server and a new security realm
- Configure non-default security providers including the Relational Database Management System (RDMS) provider, Public Key Infrastructure (PKI) credential mapping provider, and Security Assertion Markup Language (SAML) credential mapping provider
- Secure WebLogic resources through the Secure Sockets Layer (SSL)
- Create and configure store-and-forward agents
- Configure Unit of Order and Path Service
- Use transactions with JMS
- Configure a messaging bridge between WebLogic JMS and MQSeries or third-party JMS servers such as JBoss

Topics covered

- BEA WebLogic Management Services
- JMX architecture
- WLST scripting
- Interactive and embedded WLST
- The tailoring of WLST scripts
- Store and forward
- Unit of Order and Path Service
- The messaging bridge and third-party tools
- Single Sign-On (SSO)
- SAML
- Credential mappings
- Security providers
- SSL features

Topics covered

- The use of the nCipher Java Cryptography Extensions (JCE) provider
- The configuration of compatibility security

Additional courseware of interest

- BEA WebLogic Server 9/10: WebLogic Server Diagnostics Framework (WLS-A73-100)
- BEA WebLogic Server 9/10: Performance Tuning (WLS-A75-100)

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.

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