



Course Description

BEA WebLogic Server® 8.1: Performance Tuning

Course Details:

Course ID: WLS-A75-81
Format: Instructor-led Training
Length: 2 days
Product: BEA WebLogic
Server 8.1

How to Enroll:

Americas:
Web: <http://education.bea.com>
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After taking the **BEA WebLogic Server® 8.1: Performance Tuning** course, students will have the skills to tune:

- OS level parameters
- JVM (Java Virtual Machine) parameters
- BEA WebLogic Server parameters
- Application parameters for better performance

Course highlights

This course trains developers, architects and BEA WebLogic Server administrators to tune the various aspects of BEA WebLogic Server to attain optimal performance. The course provides the students with practical experience in tuning various kinds of parameters, including Windows, Unix and Linux operating systems, Java Virtual Machine, BEA WebLogic Server, applications using JSP (JavaServer Page), JDBC (Java Database Connectivity), EJB (Enterprise JavaBean), JMS (Java Messaging Service), and clustering.

Who should attend this course

- BEA WebLogic Server developers, administrators and architects

Prerequisites

- BEA WebLogic Server System Administration course or equivalent experience

BEA courseware that fulfills the prerequisites

- BEA WebLogic Server 8.1: System Administration (WLS-A11-81)

Recommended knowledge

- Basic Java knowledge
- Basic J2EE knowledge

BEA courseware that provides recommended knowledge

- Object-Oriented Programming with Java (JAVA-D11-00)
- BEA WebLogic Server 8.1: J2EE Programming with Servlets and JSPs (WLS D11-81)
- BEA WebLogic Server 8.1: J2EE Programming with EJBs (WLS D21-81)

Skills you will learn

- Monitor CPU usage
- Understand and use a few tools to monitor OS performance
- Use tools like Grinder to stress test applications
- Tune parameters on the Sun Hotspot and BEA JRockit® JVM
- Tune parameters on BEA WebLogic Server
- Understand the impact of work managers on the performance of applications deployed on BEA WebLogic Server
- Tune J2EE application level parameters deployed on BEA WebLogic Server
- Improve the performance of a cluster of BEA WebLogic Servers

Topics covered

- Benchmarking and stress testing
- CPU monitoring
- OS tuning
- Sun HotSpot and BEA JRockit JVM tuning
- Core BEA WebLogic Server tuning
- JSP/Servlet tuning on BEA WebLogic Server
- JDBC tuning on BEA WebLogic Server
- EJB tuning on BEA WebLogic Server
- JMS tuning on BEA WebLogic Server
- Clustering for performance on BEA WebLogic Server

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, delivering unified SOA platforms for business transformation and optimization. Customers depend on BEA Tuxedo®, WebLogic®, and AquaLogic™ product lines to help reduce IT complexity and leverage existing resources - for achieving a state of Business LiquidITy™ where enterprise assets are freed up to deliver maximum business value and grow new revenue streams. With 15,000 customers worldwide including the majority of the Fortune Global 500, BEA and its WebLogic® and Tuxedo® brands are among the most trusted names in business technology. Headquartered in San Jose, Calif., BEA has 77 offices in 37 countries. More information on BEA products and services is available at www.bea.com.

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