



## Course Description

# BEA WebLogic Integration™ 8.1/8.5: System Administration

### Course Details:

Course ID: WLI-A11-8X  
Format: Instructor-led Training  
Length: 5 days  
Product: BEA WebLogic  
Integration 8.1 or 8.5

### How to Enroll:

Americas:  
Web: <http://education.bea.com>  
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After taking **BEA WebLogic Server Integration™ 8.1/8.5: System Administration** course, you will be able to:

- Ensure quality of service (QoS) on complex, interconnected integration applications hosted on BEA WebLogic Integration 8.1/8.5
- Incorporate authentication, authorization, auditing and repudiation services across the enterprise using BEA WebLogic Integration 8.1/8.5
- Use workflow and end-user management tools

### Course highlights

This course trains system administrators and data center personnel on techniques for installing, configuring, deploying, monitoring, and tuning distributed systems deployed on BEA WebLogic Integration 8.1/8.5. This training prepares you to deploy complex, interconnected integration configurations hosted on BEA WebLogic Integration 8.1/8.5. You will be able to use the BEA-supplied administration tools to manage an application through its lifecycle as well as provide customized scripts for user and application management.

### Who should attend this course

- System administrators
- Operations administrators
- Application administrators

### Skills you will learn

- Install, configure, monitor, manage and troubleshoot BEA WebLogic Integration 8.1/8.5
- Set, edit and monitor quality of service (QoS) parameters for complex, interconnected integration applications hosted on BEA WebLogic Integration 8.1/8.5
- Incorporate authentication, authorization, auditing and repudiation services across the enterprise using BEA WebLogic Integration 8.1/8.5
- Use the BEA WebLogic Server® Administration Console to control product-specific deployment details

### Skills you will learn

- Use business process and end-user management tools
- Write custom scripts to automate repetitive, tedious administration tasks
- Create test, QA and production environments for integration applications
- Manage applications through their development, debugging, testing, production, upgrading, EOL lifecycle

### Topics covered

- Installing and configuring BEA WebLogic Integration 8.1/8.5, network and unattended “installs”
- Managing and monitoring WebLogic Integration transactions
- Recovering from failed business processes
- Using JMX basics and tools
- Scripting JMX solutions
- Securing synchronous and asynchronous business processes
- Integrating the Enterprise Information System
- Automatically generating events and deploying event generators
- Securing WebLogic Integration/ WebLogic Server messaging with SSL
- Managing external (B2B) integration
- Designing worklist and task management activities to facilitate human interaction in business processes
- Handling WebLogic Integration deployment challenges
- Using the automated deployment of WebLogic Integration applications
- Using best practices for WebLogic Integration deployment

### Prerequisites

- Understanding of integration concepts
- Familiarity with asynchronous messaging systems or concepts

### Recommended knowledge

None

### 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, 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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