



Course Description

BEA WebLogic Server Integration™ 8.1/8.5: Developing Integration Solutions

Course Details:

Course ID: WLI-D11-8X
Format: Instructor-led Training
Length: 5 days
Product: BEA WebLogic
Integration 8.1/8.5
BEA WebLogic
Workshop 8.1

How to Enroll:

Americas:
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After taking **BEA WebLogic Integration™ 8.1/8.5: Developing Integration Solutions** course, you will:

- Build integration solutions faster
- Have the skills to access any IT asset, located anywhere
- Have the skills to unlock your IT assets and make them available to business processes

Course highlights

This course trains students to integrate systems using business process management, application integration, and Web services on BEA WebLogic Integration 8.1/8.5. BEA WebLogic Workshop™ 8.1 is the development environment. This training prepares you to perform application integration, business process management, trading partner orchestration, Web services development and complex data transformation. You will become highly productive building integration solutions. This course features BEA Ed.Lab, a revolutionary learning environment offered exclusively by BEA. BEA Ed.Lab eliminates the gap between technical training and real-world implementation.

Who should attend this course

- Integration specialists / developers / architects
- Workflow developers
- Business process / logic developers with programming experience
- System architects
- Technical leads

Skills you will learn

- Use BEA WebLogic Workshop 8.1 to rapidly build and debug workflows
- Build integration applications using BEA WebLogic Integration 8.1/8.5
- Use BEA WebLogic Platform 8.1's control architecture to integrate with databases, JMS servers, legacy systems, trading partners, file and email systems, Web services and other technologies

- Build and deploy real-world workflows supporting human intervention and back-end integration
- Create and consume secure, reliable, loosely coupled, coarse-grained and asynchronous Web services using a variety of industry standards
- Incorporate security technologies in integration applications
- Monitor and debug long-lived process flows
- Work with XQuery and XSLT for data transformation and translation
- Trigger process flows on message, time, and remote system events
- Add and use asynchronous behavior in process flows
- Work with business and database transactions in process flows

Topics covered

- Using event-driven processes and messaging
- Learning advanced workflow concepts
- Monitoring instances and handling exceptions
- Using sub-processes
- Learning the XML fundamentals required for integration
- Adding application integration to workflows
- Developing strategies for securing applications and components
- Accessing process flows from Portal applications
- Accessing business objects
- Transforming data
- Debugging and monitoring workflows
- Interacting with Web services and with Worklist clients
- Handling non-XML data with Format Builder
- Synchronizing data across heterogeneous systems

Prerequisites

- Object-oriented Java programming
- Servlet and JSP programming
- Familiarity with J2EE concepts
- XML development

Recommended prerequisites

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[®], Tuxedo[®], and the new AquaLogic[™] 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.

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