



Course Description

BEA WebLogic Server® 9.1: WebLogic Diagnostics Framework

Course Details:

Course ID: WLS-A73-91
Format: Instructor-led Training
Length: 3 days
Product: BEA WebLogic
Platform™ 9

How to Enroll:

Americas:
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After taking **BEA WebLogic Server® 9.1: WebLogic Diagnostics Framework** course, you will have the skills to:

- Understand the WebLogic Diagnostics Framework architecture
- Create and configure ways to generate, gather, access and persist diagnostic data
- Use the BEA WebLogic diagnostic console extension
- Instrument the server and applications
- Filter log events

Course highlights

This course trains BEA WebLogic Server administrators on the WebLogic Diagnostics Framework. Students will learn how data is generated, gathered, analyzed and saved through the use of data harvesters, watches and notifications, collected metrics, image captures, server instrumentation and data archivers. They will also learn more advanced topics such as how to use the BEA WebLogic diagnostic console extension, configure application-scoped instrumentation, work with dye vectors and dye filtering as well as filtering BEA WebLogic Server log messages.

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 9.1: System Administration (WLS-A11-91)

Recommended knowledge

- Basic knowledge of Java programming language

BEA courseware that provides recommended knowledge

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

Skills you will learn

- Understand the WebLogic Diagnostics Framework architecture
- Configure and capture diagnostic images
- Harvest data from MBeans
- Create watches and notifications
- Configure server-scoped instrumentation
- Access diagnostic data
- Archive diagnostic data
- Use the WLDF console extension to view diagnostic data
- Set up application-scoped instrumentation through deployment descriptors
- Configure diagnostic context
- Configure dye vectors and set up dye filtering
- Create and apply log filters

Topics covered

- Diagnostic framework architecture
- Diagnostic system modules
- Diagnostic images
- Diagnostic archives
- Data harvesters
- Watches and notifications
- Server-scoped instrumentation
- Diagnostic context
- Data accessors
- WLDF console extension
- Application-scoped instrumentation
- The configuration of the dye vector
- Dye filtering
- The use of throttling to control the volume of instrumentation events
- Logger and handler objects
- Log file filtering

Additional courseware of interest

- BEA WebLogic Server 9.1: Advanced Messaging (WLS-A66-91)
- BEA WebLogic Server 9.1: Advanced Security (WLS-A67-91)

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