

# ADVANCED JBOSS ENTERPRISE DEVELOPMENT

LEARN TO BUILD, DEPLOY, AND MAINTAIN HIGH-PERFORMING, SCALABLE APPLICATIONS.

## VALUE OF TRAINING

Your team is your most valuable asset. By investing in the expertise of your staff, you can ensure optimal system performance, enhance productivity, and mitigate risk. When you include hands-on training from Red Hat as part of your deployment and maintenance strategy, you can maximize the value of your Red Hat technology investment and reach new productivity heights.

## COURSE DESCRIPTION

Advanced JBoss® Enterprise Development (JB325) dives into the JBoss Enterprise Application Platform (EAP) with an emphasis on advanced Java Enterprise Edition (JavaEE) application programming interfaces (APIs). This course challenges experienced JavaEE developers by providing a deep dive into JBoss EAP details, features, internals, and JavaEE best practices. Leveraging JBoss EAP allows students to build, deploy, and maintain high-performing, scalable applications.

## AUDIENCE

- Experienced Java developers seeking to enhance their utilization of JBoss
- Java developers who need a deeper understanding of JBoss to implement customized services based on remoting, JMX, or other protocols outside the normal JEE .ear or .war deployments
- ISV development teams who need to know JBoss more intimately to customize the server environment to better fit their applications' deployment needs
- Application architects seeking to produce leaner, meaner deployment artifacts, resulting in better performance and integrity results

FORMAT	LENGTH	PRICE*
Classroom JB325	4 days	\$3,000 10 training units
Virtual JB325VT	5 days	\$3,000 10 training units
Team on-sites	Contact a training specialist for a quote at 866-626-2994	

\* Price subject to change

## PREREQUISITES

- Two years of experience with Java Platform, Enterprise Edition (Java EE) or Java 2 Platform, Enterprise Edition (J2EE)
- Proficiency in HTML
- Experience with an integrated development environment (IDE), such as Eclipse or NetBeans, and build tools, such as Ant or Maven
- Basic knowledge of open source relational database management system (RDBMS)

## COURSE DETAILS

### Introduction to JBoss

Get started with the JBoss technology stack and install JBoss EAP 5.0.

### JBoss Architecture Overview

Learn about the architecture of JBoss EAP 5, and how EAP provides a rich Java EE server environment.

### Java Management Extensions (JMX)

Create and deploy a custom MBean using JBoss EAP's JMX service stack.





### Using Aspects in JBoss

Create and deploy a custom interceptor with AOP.

### Connecting to JBoss

Manage and tune data sources with JCA.

### Transactions in JBoss

Work with Java EE JTA and Arjuna to develop and deploy transaction support in JBoss EAP.

### JBoss Cache

Leverage caching for improved application performance using JBoss's robust caching technologies.

### Clustering Applications in JBoss

Deploy and cluster stateful and stateless Session Enterprise Java Beans (EJBs) using JBoss PojoCache.

### JGroups

Configure JGroups to deploy and cluster a web application across multiple JBoss EAP server instances.

### Fine-tuning Applications in JBoss

Use JConsole to monitor application performance within JBoss EAP.

### Container-Managed Security

Secure web applications using JBossSX and JAAS with JBoss EAP.

## WAYS TO TRAIN

Whether you need to train a team of IT professionals, or just yourself, Red Hat offers a variety of learning styles, delivery methods, certifications, savings programs, and customized solutions to maximize return on your Red Hat Enterprise investment.

### Classroom training

Red Hat offers a robust six-month schedule of classroom training in more than 40 locations across North America. That convenience, combined with our high-quality classroom experience and instructor expertise, helps ensure companies and individuals will achieve their training goals.

### Virtual training

The flexibility of our virtual training courses allows IT professionals to experience the same industry-recognized classroom training while maintaining a partial work schedule and achieving cost savings objectives. This is live, instructor-led training, taken from your office or home.

### On-site team training

Training teams together is a proven way for IT staff to maximize the performance, savings, and management of Red Hat solutions. Available for the entire curriculum, onsite training also provides the option of customizing the course content to meet your specific training requirements. Whether at your offices, our training venues, or hosted in a virtual environment, onsite training solutions offer flexibility and cost-effective training options.

## JBoss SALES AND INQUIRIES

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