JBOSS APPLICATION ADMINISTRATION I

INSTALL, CONFIGURE, AND MANAGE JBOSS ENTERPRISE APPLICATION PLATFORM 6

JBoss® Application Administration I (JB248/JB249) teaches best practices for installing and configuring JBoss Enterprise Application Platform 6. You will learn the essential, real-world tasks that a system administrator needs to know to effectively deploy and manage applications on JBoss Enterprise Application Platform. This course uses hands-on, realistic labs to ensure a practical knowledge of the system administration tasks covered. After completing this course, you should be prepared to take the JBoss Certified Application Administrator (JBCAA) exam.

AUDIENCE

System administrators who are either new to JBoss or have experience with JBoss Enterprise Application Platform 5

PREREQUISITES

- Base experience with system administration on Microsoft Windows, UNIX, or Linux® operating systems
- Understanding of hardware and networking
- No prior knowledge of Java, scripting, or JBoss Developer Studio required

COURSE DETAILS

Overview of JBoss Enterprise Application Platform

Learn the concepts and terminology of JBoss Enterprise Application Platform 6, and install and run a JBoss Enterprise Application Platform instance.

Configure JBoss Enterprise Application Platform in standalone mode

Understand the directory structure of standalone mode and the standalone.xml configuration file, and deploy an application onto a standalone server.

Configure JBoss Enterprise Application Platform in domain mode

Set up a domain, including a domain controller managing multiple host controllers. Also learn how to deploy an application onto a domain.

FORMAT	LENGTH	PRICE*
Classroom with exam JB249	5 days	$2,900 10 training units
Classroom JB248	4 days	$2,700 9 training units
Virtual classroom JB248VT	5 days	$2,700 9 training units
Remote classroom JB248RC	4 days	$2,700 9 training units
JBCAA Exam EX248	4 hours	$400 2 training units
Team on-sites	Contact a training specialist for a quote at 866-626-2994	

* Price subject to change

Configure servers

Define a server group on a host, add servers to a server group, and deploy an application to a server group.

Use the CLI tool

Learn how the command-line interface (CLI) tool can be used to script administrative tasks.

The datasource subsystem

Understand database connection pools in JBoss Enterprise Application Platform and how to configure the datasource subsystem. Learn how to deploy a Java Database Connectivity (JDBC) driver and how to define a datasource.

The logging subsystem

Configure the logging subsystem, including configuring the built-in handlers and loggers.

The messaging subsystem

Understand JMS and HornetQ, including how to define and configure connection factories and destinations (topics and queues).

The security subsystem

Configure the security subsystem, including securing the management interfaces, securing an application, and securing a JMS destination. Also learn how to define an Lightweight Directory Access Protocol (LDAP) and database security realm.

JVM configuration

Configure the JVM for both standalone and domain modes.

Migrating applications to JBoss Enterprise Application Platform 6

Understand classpath and module dependencies, JPA issues, updating security settings, and other topics that aid in migrating an application to JBoss Enterprise Application Platform 6.

The web subsystem

Configure the HTTP and HTTPS Connectors, set up an SSL connection, and configure an AJP Connector.

Introduction to clustering

Set up JBoss Enterprise Application Platform 6 in a cluster in both standalone and domain mode.

WAYS TO TRAIN

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.

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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.

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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, on-site 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, on-site training solutions offer flexibility and cost-effective training options.

JBoss® CERTIFIED APPLICATION ADMINISTRATOR

Red Hat Certification

A JBoss Certified Application Administrator (JBCAA) certification is earned when an IT professional has demonstrated the skills and knowledge to install, configure, monitor, manage, and deploy applications to JBoss Enterprise Application Platform.

Learn more at **redhat.com/certifications/jbcaa.**

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