

## AD249

### Red Hat JBoss Application Administration I with exam

#### Course description

#### Install, configure, and manage Red Hat JBoss Enterprise Application Platform

Red Hat JBoss Application Administration I teaches you the best practices for installing and configuring [Red Hat® JBoss® Enterprise Application Platform 7](#). Through hands-on labs, learn the essential, real-world tasks that a system administrator needs to know to effectively manage applications on JBoss Enterprise Application Platform.

The [Red Hat Certified Specialist in Enterprise Application Server Administration exam \(EX248\)](#) is included in this offering. This course is based on Red Hat JBoss® Enterprise Application Platform 7.4.

This course will cover best practices for installing and configuring Red Hat® JBoss® Enterprise Application Platform (JBoss EAP) 7. This hands-on class covers the real-world tasks that a system administrator needs to know to deploy and manage applications on JBoss EAP. The topics in this course cover all of the exam objectives of the Red Hat Certified Specialist in Enterprise Application Server Administration exam.

#### Prerequisites for this course

- [Take our free assessment](#) to gauge whether this offering is the best fit for your skills.
- Base experience with system administration on Microsoft Windows, UNIX, or Linux® operating systems
- Basic understanding of TCP/IP networking
- No prior knowledge of Java or shell scripting is required.

#### Outline for this course

Red Hat JBoss Enterprise Application Platform: Architecture and Features  
Describe the architecture and features of the Red Hat JBoss Enterprise Application Platform

Configuring JBoss EAP as a Standalone Server

Configure a standalone server instance of JBoss EAP

Scripting Configuration and Deploying Applications

Configure JBoss EAP using the Command Line Interface tool and  
deploy Jakarta EE applications

Configuring JBoss EAP as a Managed Domain

Configure JBoss EAP as a Managed Domain

Configuring Servers in a Managed Domain

Configure servers and server groups in a managed domain

Configuring Data Sources

Configure JDBC database drivers and data sources

Configuring the Logging Subsystem

Configure log handlers and loggers

Configuring the Messaging Subsystem

Interpret the messaging architecture and configure various  
messaging resources

Securing JBoss EAP

Apply security configurations to enhance the security of applications  
deployed on JBoss EAP

Configuring the Java Virtual Machine

Configure the JVM settings in a standalone server and in a managed  
domain

Configuring the Web Subsystem

Configure connectors, servers, and other features of the web  
subsystem

Deploying Clustered Applications

Configure various subsystems to support the deployment of clustered  
applications