Red Hat JBoss Application Administration I with RHCJA exam (AD249)

Duration: 5 Days **Course Code: AD249** **Delivery Method: Company Event**

Overview:

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 (JBoss EAP) 7.
This course is intended to develop the skills needed to minimize time to market for applications, and to simplify administration tasks. These skills are suitable for organizations seeking to increase application stability and cut costs for managing applications.
Through hands-on labs, learn the essential, real-world tasks that a system administrator needs to know to effectively deploy and manage applications on JBoss EAP.
This bundle (Course + exam) is based on Red Hat JBoss® Enterprise Application Platform 7.4 and includes an exam voucher.
Note :*Starting January 2026 this bundle (Course + Exam) only exists in CR (classroom) if scheduled or Closed course modalities.*
If you are targeting a virtual class, please consider AD248LS the new RHLS-course subscription which includes an exam voucher.

Updated Jan2026

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

Target Audience:

System administrators who are either new to Red Hat JBoss or have experience with Red Hat JBoss Enterprise Application Platform 7 or previous versions.

Objectives:

- After this course, participants should be able to:
- Install and run JBoss EAP 7 in standalone mode and domain mode
- Configure and manage a JBoss EAP domain
- Deploy applications to JBoss EAP 7 in standalone and domain mode
- Configure the datasource subsystem
- Configure Java™ Message Service (JMS)
- Configure the logging subsystem
- Configure the web subsystem
- Implementing application security in JBoss EAP 7
- Handle JVM configuration and tuning for JBoss EAP
- Manage clustering JBoss EAP instances

Prerequisites:

- 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

Take Red Hat free assessment to gauge whether this offering is the best fit for your skills Red Hat Skills Assessment

Testing and Certification

After completing this course, you should be prepared to take the JBoss Certified Application Administrator (JBCAA) exam (EX248). An exam voucher is included in this packaged.

Follow-on-Courses:

None

Content:

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

Additional Information:

Official course book provided to participants

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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www.globalknowledge.com/en-be/