Red Hat JBoss Application Administration I

Duration: 5 Days Course Code: AD248

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 course is based on Red Hat JBoss® Enterprise Application Platform 7.4.
Note :*Starting January 1, 2026, Red Hat introduces RHLS-Course — a flexible subscription model now included with this catalog offering. This replaces the previous direct virtual class enrollment from Global Knowledge.*
When you purchase this item, you'll receive an RHLS subscription at the course level, giving you the freedom to choose the schedule that works best and self-enroll in your selected class.
Your RHLS subscription includes:
• One live, instructor-led virtual session
• 12 months of self-paced learning access
• One certification exam with a free retake
Onsite Classroom-based sessions and closed course options remain unchanged.
Updated Jan2026

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

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

Testing and Certification

After completing this course, you should be prepared to take the JBoss Certified Application Administrator (JBCAA) exam (EX248).

- 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

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 Head Office Tel.: +974 40316639

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