

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

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:

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

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).

Follow-on-Courses:

None

Content:

Red Hat JBoss Enterprise Application Platform: Architecture and Features	Configuring Servers in a Managed Domain	Securing JBoss EAP
Describe the architecture and features of the Red Hat JBoss Enterprise Application Platform	Configure servers and server groups in a managed domain	Apply security configurations to enhance the security of applications deployed on JBoss EAP
Configuring JBoss EAP as a Standalone Server	Configuring Data Sources	Configuring the Java Virtual Machine
Configure a standalone server instance of JBoss EAP	Configure JDBC database drivers and data sources	Configure the JVM settings in a standalone server and in a managed domain
Scripting Configuration and Deploying Applications	Configuring the Logging Subsystem	Configuring the Web Subsystem
Configure JBoss EAP using the Command Line Interface tool and deploy Jakarta EE applications	Configure log handlers and loggers	Configure connectors, servers, and other features of the web subsystem
Configuring JBoss EAP as a Managed Domain	Configuring the Messaging Subsystem	Deploying Clustered Applications
Configure JBoss EAP as a Managed Domain	Interpret the messaging architecture and configure various messaging resources	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 01189 123456 / Northern Office 0113 242 5931

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