

Red Hat JBoss Application Administration I with Exam (EX248) (AD249)

ID AD249 **Price** 3,544.— €excl. tax **Duration** 5 days

Course 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 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.

Who should attend

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

This course is part of the following Certifications

Red Hat Certified Specialist in Enterprise Application Server Administration (RHCJA)

Prerequisites

- 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.

Course Objectives

Impact on the organization

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.

Red Hat has created this course in a way intended to benefit our customers, but each company and infrastructure is unique, and actual results or benefits may vary.

Impact on the individual

As a result of attending this course, you should be able to manage JBoss EAP 7 in both standalone and domain mode with both the EAP CLI and web console.

Course Content

- Installing and run JBoss EAP 7 in standalone mode and domain mode
- Configuring and managing a JBoss EAP domain
- Deploying applications to JBoss EAP 7 in standalone and domain mode
- Configuring the datasource subsystem
- Configuring Java™ Message Service (JMS)
- Configuring the logging subsystem
- Configuring the web subsystem
- Implementing application security in JBoss EAP 7
- JVM configuration and tuning for JBoss EAP
- Clustering JBoss EAP instances

Detailed Course Outline**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

About Fast Lane



Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.



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