

AD248

Red Hat JBoss Application Administration I

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. 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.

Course content summary

- 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

Audience for this course

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

Prerequisites for this course

- 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

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.