

JB248: Red Hat Certified JBoss Administrator (RHCJA)

Course Outline

Install, configure, and manage Red Hat JBoss Enterprise Application Platform

Overview of JBoss Enterprise Application Platform

Learn the concepts and terminology of JBoss Enterprise Application Platform 6, and install and run a JBoss Enterprise Application Platform instance.

Configure JBoss Enterprise Application Platform in standalone mode

Understand the directory structure of standalone mode and the standalone.xml configuration file, and deploy an application onto a standalone server.

Configure JBoss Enterprise Application Platform in domain mode

Set up a domain, including a domain controller managing multiple host controllers. Also learn how to deploy an application onto a domain.

Configure servers

Define a server group on a host, add servers to a server group, and deploy an application to a server group.

Use the CLI tool

Learn how the command-line Interface tool can be used to script administrative tasks.

The data source subsystem

Understand database connection pools in JBoss Enterprise Application Platform and how to

Configure the data source subsystem. Learn how to deploy a Java™ Database Connectivity (JDBC) driver and define a data source.

The logging subsystem

Configure the logging subsystem, including configuring the built-in handlers and loggers.

The messaging subsystem

Understand JMS and HornetQ, including how to define and configure connection factories and destinations (topics and queues).

The security subsystem

Configure the security subsystem, including securing the management interfaces, securing an application, and securing a JMS destination. Also learn how to define a Lightweight Directory Access Protocol (LDAP) and database security realm.

JVM configuration

Configure the JVM for both standalone and domain modes.

Migrating applications to JBoss Enterprise Application Platform 6

Understand class path and module dependencies, JPA issues, updating security settings, and other tips on how to migrate an application to JBoss Enterprise Application Platform 6.

The web subsystem

Configure the HTTP and HTTPS Connectors, set up an SSL connection, and configure an AJP Connector.

Introduction to clustering

Set up JBoss Enterprise Application Platform 6 in a cluster in both standalone and domain mode.