Red Hat JBoss Application Administration I (JB248VT)

Modality: Virtual Classroom

Duration: 5 Days

About this Course:

This IT Ops training program is ideal for students and engineers wanting to learn to configure and install the Red Hat JBoss Application Administration. Our accredited professionals teaching this course will give tips and assist you in learning a range of techniques for efficiency in deployment and managing of a wide range of JBoss applications.

Audience:

This course is designed for system administrators or those who aspire to become SA. Whether you are an amateur Red Hat JBoss service provider or have some previous experience, this course is for you! Students who have previously worked on Red Hat JBoss Enterprise Application Platform 5 can also benefit from the course.

Prerequisites:

- Base experience with system administration on Microsoft Windows, UNIX, or Linux® operating systems

- Understanding of hardware and networking

- No prior knowledge of Java, scripting, or JBoss Developer Studio required.

Course Outline:

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 datasource subsystem

Understand database connection pools in JBoss Enterprise Application Platform and how to configure the datasource subsystem. Learn how to deploy a Java™ Database Connectivity (JDBC) driver and define a datasource.

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 classpath 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.

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