



## JBoss Application Administration I (AD248)

Red Hat

- **Nível:** Intermédio
  - **Duração:** 40h
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### Sobre o curso

**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.

### Diagnóstico de Competências

- Utilize o [diagnóstico de competências](#) para descobrir quais as oportunidades de formação que mais se adequam a si, ou à sua equipa.

### O que recibes com o curso

- Manual oficial Red Hat
  - Acesso a laboratórios oficiais Red Hat
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### Destinatários

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

- 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
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## Pré-requisitos

- [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
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## Programa

- Red Hat JBoss Enterprise Application Platform: Architecture and Features
- Configuring JBoss EAP as a Standalone Server
- Scripting Configuration and Deploying Applications
- Configuring JBoss EAP as a Managed Domain
- Configuring Servers in a Managed Domain
- Configuring Data Sources
- Configuring the Logging Subsystem
- Configuring the Messaging Subsystem
- Securing JBoss EAP
- Configuring the Java Virtual Machine
- Configuring the Web Subsystem
- Deploying Clustered Applications

### **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

**Note:** Course outline is subject to change with technology advances and as the nature of the underlying job evolves.