

Introduction to Red Hat JBoss Enterprise Application Platform 8 (AD258)

Duration: 2 Days Course Code: AD258

Overview:

An introduction of the features provided by Red Hat JBoss EAP 8, and how to perform basic management of EAP 8 services.

Introduction to Red Hat JBoss Enterprise Application Platform 8 introduces you to the features of Red Hat JBoss Enterprise Application Platform (JBoss EAP) 8. Through hands-on labs, learn some essential, real-world tasks that a system administrator needs to know to effectively deploy and manage applications on JBoss EAP.

This course provides an introduction to the latest Red Hat JBoss EAP features, and presents the options to evolve JakartaEE infrastructures by migrating, refactoring, or redeploying the existing applications to different platforms.

AD258 helps an organization to decide how to evolve its JakartaEE infrastructure by focusing in three areas: **The migration and migration tools to move the applications and the application servers to JBoss EAP 8** **The new Elytron security subsystem** **Use JBoss EAP on hybrid clouds, with focus on Red Hat OpenShift**

This course is based on Red Hat JBoss® Enterprise Application Platform 8.0.

Note : Starting January 1, 2026, Red Hat introduces RHLS-Course — a flexible subscription model now included with this catalog offering. This replaces the previous direct virtual class enrollment from Global Knowledge.

When you purchase this item, you'll receive an RHLS subscription at the course level, giving you the freedom to choose the schedule that works best and self-enroll in your selected class.

Your RHLS subscription includes:

- One live, instructor-led virtual session
- 12 months of self-paced learning access
- One certification exam with a free retake

Onsite Classroom-based sessions and closed course options remain unchanged.

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Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

Target Audience:

System administrators that manage Java application servers
Developers that create JakartaEE applications
Automation architects, cloud administrators, and platform engineers that design and automatize the organizations Java applications infrastructure

Objectives:

- After this course participants should be able to:
- Install and Manage Red Hat JBoss Enterprise Application Platform 8
- Migrate to JBoss EAP:
- Identify the Main Points in a Migration to JBoss EAP 8
- Manage the Migration Toolkit for Applications (MTA)
- Use the Server Migration Tool
- JBoss EAP Security:
- Understand Elytron and the JBoss EAP Security
- Migrate to Elytron
- Use TLS in Management and HTTP interfaces
- Use RBAC in management and HTTP interfaces
- JBoss EAP on OpenShift:
- Deploy JBoss EAP Applications on Hybrid Clouds
- Configure and Trimm JBoss EAP for Applications on OpenShift
- Use the JBoss EAP Operator

Prerequisites:

- Basic experience in Linux is required, or completion of the Red Hat System Administration I (RH124) course
 - Basic programming concepts related to Java, and JakartaEE/JavaEE specifications is required, or completion of the Red Hat Application Development I: Programming in Java EE (AD183) course
 - Basic JBoss EAP administration experience is required
 - Basic Red Hat OpenShift or Kubernetes experience is required
- Take Red Hat free assessment to gauge whether this offering is the best fit for your skills [Red Hat Skills Assessment](#).

Testing and Certification

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Follow-on-Courses:

None

Content:

Installing and Managing Red Hat JBoss Enterprise Application Platform 8	JBoss EAP Security: Introduction to Elytron and the JBoss EAP Security	JBoss EAP on OpenShift: Deploy JBoss EAP Applications on Hybrid Clouds
Install and manage a Red Hat JBoss Enterprise Application Platform server, and explore a key set of the latest features that it provides	Describe the JBoss EAP security architecture, and learn to use Elytron tools	Deploy JBoss EAP applications on hybrid clouds, including public clouds and container-based OpenShift environments, by using either the Maven plug-in or a Helm chart
Migration to JBoss EAP: Identifying the Main Points in a Migration to JBoss EAP 8	JBoss EAP Security: Migration to Elytron	
Describe the main issues to consider in a migration to JBoss EAP 8	Identify legacy security components that need to migrate to Elytron, and use the Elytron CLI tool to help with the migration	JBoss EAP on OpenShift: Configuring and Trimming JBoss EAP for Applications on OpenShift
Migration to JBoss EAP: Migration Toolkit for Applications (MTA)	JBoss EAP Security: TLS in Management and HTTP interfaces	Configure JBoss EAP applications and trim the capabilities of their JBoss EAP runtimes on OpenShift in order to optimize performance and improve security, by using environment variables and Helm charts
Analyze applications, measure migration efforts, and refactor Java package names by using the Migration Toolkit for Applications (MTA)	Configure and manage TLS connections on JBoss EAP servers to applications and to the management interfaces	JBoss EAP on OpenShift: The JBoss EAP Operator
Migration to JBoss EAP: Server Migration Tool	JBoss EAP Security: RBAC in management and HTTP interfaces	Install the JBoss EAP operator on OpenShift, and use it to deploy and monitor JBoss EAP applications
Migrate server configurations from previous JBoss EAP versions by using the JBoss EAP Server Migration Tool	Configure role-based authorization for all the exposed interfaces on a JBoss EAP server	

Additional Information:

Official course book provided to participants

Further Information:

For More information, or to book your course, please call us on Head Office Tel.: +974 40316639

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