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

ID AD258 **Price** CHF 1,870.—(excl. VAT) **Duration** 2 days

Who should attend

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

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, or completion of the *Introduction to OpenShift Applications (DO101)* course

Course Objectives

Impact on the Organization

Organizations are striving to migrate their JakartaEE applications to different infrastructures, such as public clouds, or containerized environments. In the cloud era, Java is still one of the most used programming languages in the enterprise, and JBoss EAP has evolved to enable organizations to run Java workloads everywhere, being on a virtualized infrastructure, a bare metal installation, a private cloud, a public cloud, or a containerized environment. 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

Impact on the Individual

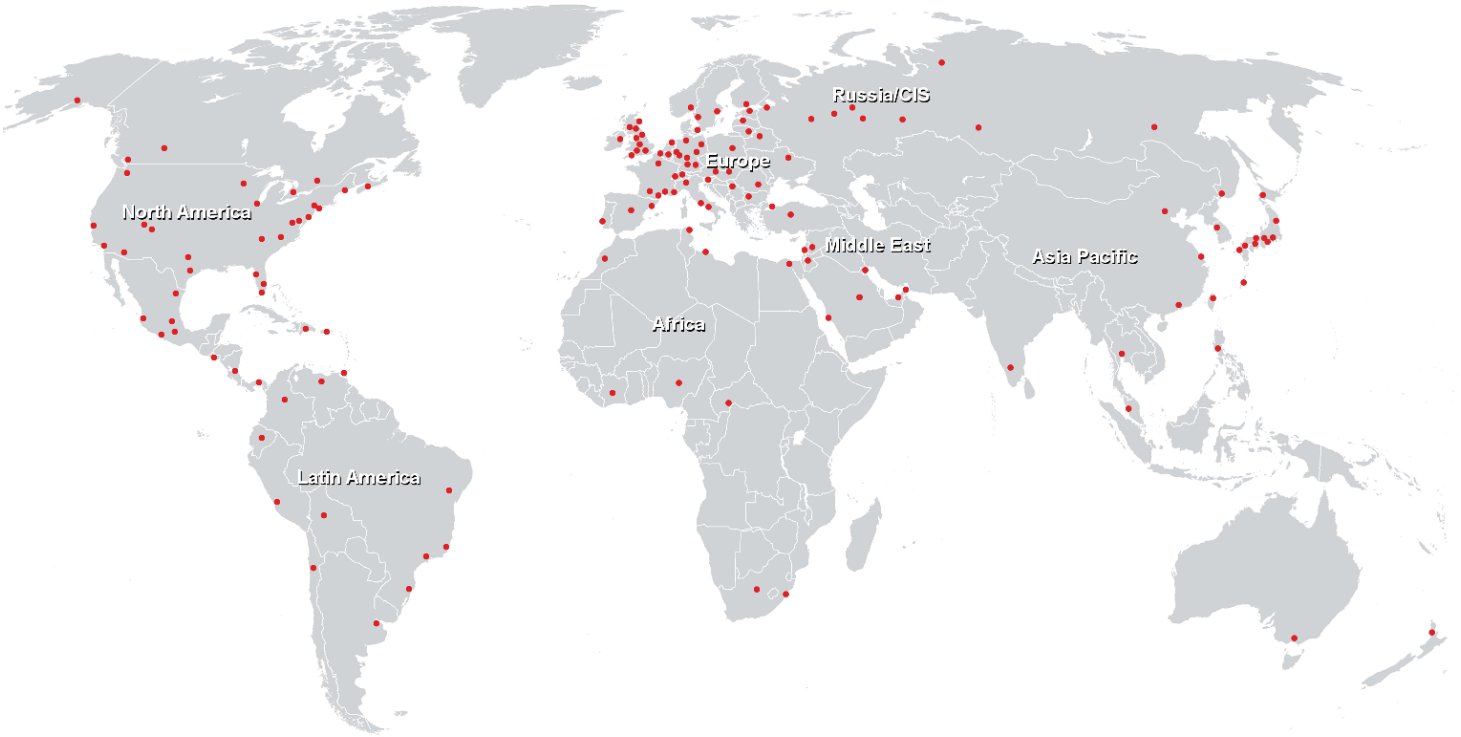
As a result of attending this course, you should be able to describe the options for installing and managing JBoss EAP environments on different platforms. You learn to analyze the options to migrate to JBoss EAP 8, and to perform the migration by using the migration tools. You will be able to protect deployed applications and the application server by using Elytron, and to deploy and manage Red Hat JBoss EAP 8 in Red Hat OpenShift.

Course Content

- Installing and Managing Red Hat JBoss Enterprise Application Platform 8
- Migration to JBoss EAP: Identifying the Main Points in a Migration to JBoss EAP 8
- Migration to JBoss EAP: Migration Toolkit for Applications (MTA)
- Migration to JBoss EAP: Server Migration Tool
- JBoss EAP Security: Introduction to Elytron and the JBoss EAP Security
- JBoss EAP Security: Migration to Elytron
- JBoss EAP Security: TLS in Management and HTTP interfaces
- JBoss EAP Security: RBAC in management and HTTP interfaces
- JBoss EAP on OpenShift: Deploy JBoss EAP Applications on Hybrid Clouds
- JBoss EAP on OpenShift: Configuring and Trimming JBoss EAP for Applications on OpenShift
- JBoss EAP on OpenShift: The JBoss EAP Operator

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Training Centres worldwide





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