

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

Cursusduur: 2 Dagen Cursuscode: AD258

Beschrijving:

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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Doelgroep:

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

Doelstelling:

- 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

Vereiste kennis en vaardigheden:

- Basic experience in Linux is required, or completion of the Red Hat System Administration I (RH124) course
- Basic programming concepts related to Java, and

Examens en certificering

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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](#)

Vervolg cursussen:

None

Cursusinhoud:

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| 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 | JBoss EAP on OpenShift: Configuring and Trimming JBoss EAP for Applications on OpenShift |
| 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: The JBoss EAP Operator |
| 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 | |

Extra informatie:

Official course book provided to participants

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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