Introduction to Red Hat JBoss Enterprise Application Platform 8

Kód kurzu: AD258

Od ledna 2026 je možné za původních podmínek zakoupit pouze prezenční Red Hat školení. Virtuální kurzy (VT) jsou dostupné výhradně v rámci ročního předplatného RHLS Course.Jak si naplánovat virtuální kurz v Red Hat Learning Subscription Course naleznete zde.
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 is based on Red Hat JBoss® Enterprise Application Platform 8.0.

Pro koho je kurz určen

- 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

Co Vás naučíme

- 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

Požadované vstupní znalosti

- 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

Osnova kurzu

- **Installing and Managing Red Hat JBoss Enterprise Application Platform 8**
- Install and manage a Red Hat JBoss Enterprise Application Platform server, and explore a key set of the latest features that it provides
- **Migration to JBoss EAP: Identifying the Main Points in a Migration to JBoss EAP 8**
- Describe the main issues to consider in a migration to JBoss EAP 8
- **Migration to JBoss EAP: Migration Toolkit for Applications (MTA)**
- Analyze applications, measure migration efforts, and refactor Java package names by using the Migration Toolkit for Applications (MTA)
- **Migration to JBoss EAP: Server Migration Tool**

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- Migrate server configurations from previous JBoss EAP versions by using the JBoss EAP Server Migration Tool
- JBoss EAP Security: Introduction to Elytron and the JBoss EAP Security
- Describe the JBoss EAP security architecture, and learn to use Elytron tools
- JBoss EAP Security: Migration to Elytron
- Identify legacy security components that need to migrate to Elytron, and use the Elytron CLI tool to help with the migration
- JBoss EAP Security: TLS in Management and HTTP interfaces
- Configure and manage TLS connections on JBoss EAP servers to applications and to the management interfaces
- JBoss EAP Security: RBAC in management and HTTP interfaces
- Configure role-based authorization for all the exposed interfaces on a JBoss EAP server
- JBoss EAP on OpenShift: Deploy JBoss EAP Applications on Hybrid Clouds
- 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
- JBoss EAP on OpenShift: Configuring and Trimming JBoss EAP for Applications on OpenShift
- 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
- JBoss EAP on OpenShift: The JBoss EAP Operator
- Install the JBoss EAP operator on OpenShift, and use it to deploy and monitor JBoss EAP applications

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