Red Hat Certified Specialist in Enterprise Application Server Administration Exam (EX248)

ID EX248 **Prix** CHF 557,– (Hors Taxe) **Durée** 4 heures

A qui s'adresse cette formation

IT professionals who want to earn a credential that shows they have the skills and knowledge needed to install, configure, monitor, manage, and deploy applications to Red Hat JBoss EAP:

- Application server systems administrators
- Application administrators
- Application developers
- Deployment managers
- System architects
- Quality assurance engineers

Cette formation prépare à la/aux certifications

Red Hat Certified Architect (RHCA)

Pré-requis

Exam candidates should:

- Be a Red Hat Certified System Administrator (RHCSA) or have comparable work experience and skills
- Have taken the Red Hat JBoss Application Administration I (AD248) course or have work experience administering JBoss EAP and applications running on that platform

Preparation

Red Hat recommends that candidates earn Red Hat Certified System Administrator (RHCSA) or Red Hat Certified Engineer (RHCE) before attempting this exam, but neither is required. An understanding of core concepts in Java Enterprise Edition is useful, but candidates do not need to be developers nor does this exam involve application development tasks.

Red Hat encourages you to consider taking Red Hat JBoss Application Administration I (AD248) to help prepare.

Attendance in these classes is not required; students can choose to take just the exam.

While attending Red Hat classes can be an important part of your preparation, attending class does not guarantee success on the exam. Previous experience, practice, and native aptitude are also important determinants of success.

Many books and other resources on system administration for Red Hat products are available. Red Hat does not endorse any of these materials as preparation guides for exams. Nevertheless, you may find additional reading helpful to deepen your understanding.

Contenu

Using JBoss EAP, Red Hat Certified Specialist in Enterprise Application Server Administration exam candidates should be able to accomplish the tasks below without assistance. The tasks have been grouped into categories to assist your preparation.

Install and manage JBoss EAP

- Install JBoss EAP to a specific location on a system
- Configure minimal security requirements for accessing and managing JBoss EAP
- Access and manage JBoss EAP using the provided tools
- Configure and start a multi-node, multi-server JBoss EAP domain spanning at least two hosts with multiple servers per host

Configure JBoss EAP domains, hosts and servers

- Create and remove JBoss EAP domains, hosts and servers
- Start, monitor and stop individual JBoss EAP domains, hosts and servers
- Configure Java™ memory usage at the host, server group and server level

Configure JBoss EAP to support clustered and HA operation

- Configure persistent network bindings for JBoss EAP services (both addresses and ports)
- Configure high-availability clustering using TCP unicast networking

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- Secure the communications channels between clustered nodes

Monitoring and managing JBoss EAP

- Create and restore configuration snapshots
- Configure JBoss EAP logging

Configuring Java Messaging Service

- Remove, create and configure JMS topics and queues
- Secure access to JMS destinations

Manage applications

- Select appropriate JBoss EAP server profiles based on application requirements
- Configure DataSources (both XA and non-XA compliant)
- Deploy and undeploy applications
- Deploy and undeploy additional libraries and drivers
- Deploy a web application to the root context

Configure JBoss Web Connectors

- Tune and configure JBoss EAP web properties as requested
- Configure an SSL encrypted connection

Configure JBoss EAP legacy security subsystem

- Create, modify, and use security domains
- Connect JBoss EAP to specified external security sources such as LDAP and DBMS
- Secure access to JBoss EAP services

Exam format

The Red Hat Certified Specialist in Enterprise Application Server Administration exam is a performance-based evaluation of a candidate's skills and knowledge regarding the administration of enterprise applications based on and using JBoss EAP.

Candidates perform a number of routine system administration tasks and are evaluated on whether they have met specific objective criteria. Performance-based testing means that candidates must perform tasks similar to what they must perform on the job.

The Red Hat Certified Specialist in Enterprise Application Server Administration exam is a hands-on, practical exam that lasts 4 hours. Internet access is not provided during the exam. You will not

be permitted to bring any hard copy or electronic documentation into the exam. This prohibition includes notes, books, or any other materials. Internet access will be strictly controlled. Documentation that ships with JBoss EAP is available during the exam.

Red Hat reserves the right to make changes to the exam format, including timing and the policies above. Such changes will be made public in advance through revisions to this document.

Red Hat Certified Specialist in Enterprise Application Server Administration exam environment

You will be working on a Red Hat Enterprise Linux® 6 system during the exam, so prior experience using Linux or UNIX will be helpful. The purpose of this exam is not to test operating system administration skills, and extensive Linux/UNIX experience is not required. You will have a full desktop environment in which to work, and we will provide a list of basic commands for your reference in addition to the man pages and other documentation that come with Red Hat Enterprise Linux.

Fedora provides a freely available alternative for you to practice your Linux skills. A Live CD version is available that allows you to work on Fedora without needing to install it on your computer. While it is not an exact match for the environment in Red Hat Enterprise Linux, it is definitely close enough for the level of familiarity required.
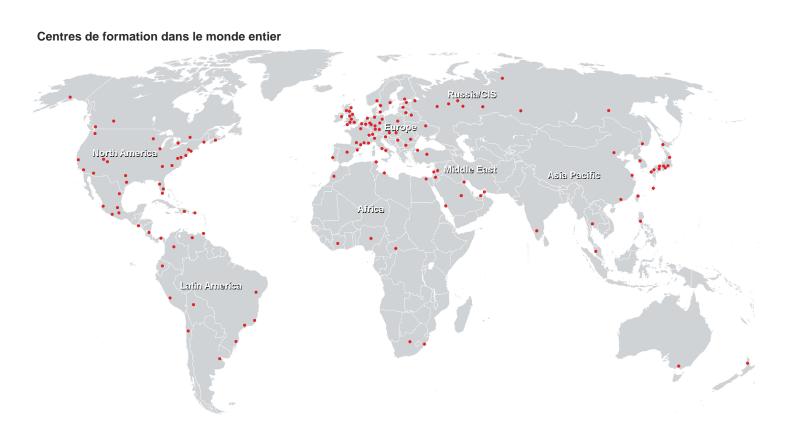
Scores and reporting

Official scores for exams come exclusively from Red Hat Certification Central. Red Hat does not authorize examiners or training partners to report results to candidates directly. Scores on the exam are usually reported within 3 U.S. business days.

Exam results are reported as total scores. Red Hat does not report performance on individual items, nor will it provide additional information upon request.

You are eligible for one exam retake if you are unsuccessful on your first attempt.

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Centres de formation dans le monde entier

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