Red Hat System Administration II mit RHCSA Examen (RH135)

ID RH135 **Preis** 3.544,– € (exkl. MwSt.) **Dauer** 5 Tage

Kursüberblick

Build the skills to perform the key tasks needed to become a full-time Linux administrator.

Red Hat System Administration II (RH134) is the second part of the RHCSA training track for IT professionals who have already attended Red Hat System Administration I. The course goes deeper into core Linux system administration skills in the installation and deployment of Red Hat Enterprise Linux, storage configuration and management, management of security features such as SELinux, control of recurring system tasks, management of the boot process and troubleshooting, basic system tuning, and command-line automation and productivity. This course assumes that students have completed Red Hat System Administration I (RH124).

Experienced Linux administrators who seek rapid preparation for the RHCSA certification should instead start with RHCSA Rapid Track Kurs (RH199).

This course is based on Red Hat Enterprise Linux 10.0. The Red Hat Certified System Administrator (RHCSA) exam is included in this offering.

Note on the exam:

The subscription duration of 365 days starts upon order submission. Cancelation of individual exam sessions is not allowed.

Exam session fees are nonrefundable. Non-Cancelable components: No part of any Bundles that includes both non-cancelable and cancelable components may be canceled.

Zielgruppe

System administrators, platform engineers, developers, and other IT professionals who have completed the Red Hat System Administration I (RH124) course, and are seeking to expand their skills in Linux system administration.

Empfohlenes Training für die Zertifizierung zum

Red Hat Certified System Administrator (RHCSA)
Red Hat Certified Engineer (RHCE)

Voraussetzungen

- Successful completion of Red Hat System Administration I (RH124) is recommended.
- Experienced Linux administrators who seek to accelerate their path toward becoming a Red Hat Certified System Administrator should start with the RHCSA Rapid Track course (RH199).

Kursziele

Business Outcome Statement

This course is the second of a two-course series that helps a computer professional with minimal Linux experience become a fully capable Linux administrator. This training provides your team members with a solid foundation in Linux system administration, with improved ability to manage your infrastructure efficiently. This course helps system administrators to provide better system reliability, improve efficient system and storage utilization, and respond faster and more accurately to system failures.

Student Outcome Statement

As a result of attending this course, you should be able to perform the key tasks of a full-time Linux administrator. Students are introduced to more advanced administrative topics, such as storage management with LVM, SELinux management, and automated installation. This course goes deeper into enterprise Linux administration, including shell scripting, scheduling tasks, file systems and partitioning, logical volumes, firewall configuration, troubleshooting, tuning system, containers, and image mode

Kursinhalt

- Install Red Hat Enterprise Linux with scalable methods
- Access security files, file systems, and networks
- Execute shell scripting and automation techniques
- Manage storage devices, logical volumes, and file systems
- Manage security and system access
- Control the boot process and system services
- Running containers
- Use image mode for RHEL

Detaillierter Kursinhalt

Shell Scripting and the Command Line

Write and run simple shell scripts, and use shell scripting features to efficiently run commands at the shell prompt.

Using Regular Expressions for Practical Applications

Efficiently complete system administration tasks by using regular expressions to match text.

Scheduling User Tasks

Schedule programs to run in the future, either at a specific time and date or on a recurring basis, as a regular user.

Scheduling System Tasks

Schedule system programs that must run on a recurring basis to support daemons or operating system functions.

Analyzing and Storing Logs

Locate and interpret system logs for troubleshooting purposes, and ensure accurate timestamps for log events.

Managing Security with SELinux

Protect systems and manage security by using SELinux.

Archiving Files

Create compressed archives of files so that they can be backed up and transferred to other systems.

Transferring Files

Securely transfer files from one system to another.

Tuning System Performance

Improve system performance by setting a tuning profile and by adjusting the scheduling priority of specific processes.

Managing Basic Storage

Manage storage devices by creating partitions, file systems, and swap spaces from the command line.

Managing Storage with Logical Volume Manager

Use Logical Volume Manager (LVM) to manage logical volumes that can contain file systems and swap spaces.

Controlling and Troubleshooting the Boot Process

Manage how the system boots to control which services start and to troubleshoot and repair boot-time problems.

Recovering Superuser Access

Gain administrative access to a system when the superuser password is unknown or is locked.

Managing Network Security

Control network connections to services by using the system firewall, and network services that can bind to particular ports by using SELinux.

Accessing Network-attached Storage

Access network-attached storage that is provided by using the Network File System (NFS) protocol, either manually or by using the automounter.

Installing Red Hat Enterprise Linux

Install Red Hat Enterprise Linux in package mode, either interactively or by using Kickstart.

Managing Containers with Podman

Manage containers and container images with the latest version of container management tools.

Working with Image-based Red Hat Enterprise Linux

Create, use, install, and upgrade containers and servers that use image-based installation management.

Comprehensive Review

Practice skills that you learned in Red Hat System Administration II.

Über Fast Lane

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Trainingsmethoden

- ✓ Klassenraumtraining
- ✓ Instructor-Led Online Training
- ✓ FLEX Classroom – Klassenraum und ILO kombiniert
- ✓ Onsite & Customized Training
- ✓ E-Learning
- ✓ Blended & Hybrid Learning
- ✓ Mobiles Lernen

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