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RH200

Red Hat Certified System Administrator Rapid Track course with exam

Offering description

Learn essential Red Hat Enterprise Linux configuration, administration, and maintenance in a condensed format designed for experienced Linux system administrators

The RHCSA Rapid Track course with exam (RH200) features Red Hat® Enterprise Linux® 9 and is designed for those who already have significant experience with Linux administration. This course combines the significant content of Red Hat System Administration I (RH124) and Red Hat System Administration II (RH134), reviewing the tasks at an accelerated pace. The Red Hat Certified System Administrator (RHCSA) exam (EX200) is also included in this offering.

This offering is based on Red Hat® Enterprise Linux® 9.0.

Prerequisites for this course

- You will be expected to already understand fundamental Linux computing concepts and be ready to practice the Red Hat Enterprise Linux methods for performing system administration tasks. Significant field experience working with Linux as a system administrator is recommended.
- If you do not have experience with fundamental Linux computer concepts, we advise you to start with the Red Hat System Administration I (RH124) course instead.
- Take our free assessment to gauge whether this offering is the best fit for your skills.

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Outline for this offering

Access systems and get help

Log in to local and remote Linux systems, and investigate problem resolution methods provided through Red Hat Insights and support.

Navigate file systems

Copy, move, create, delete, and organize files while working from the bash shell.

Manage local users and groups

Create, manage, and delete local users and groups and administer local password policies.

Control access to files

Set Linux file system permissions on files and to interpret the security effects of different permission settings.

Manage SELinux security

Protect and manage the security of a server by using SELinux.

Tune system performance

Evaluate and control processes, set tuning parameters, and adjust process scheduling priorities on a Red Hat Enterprise Linux system.

Install and update software packages

Download, install, update, and manage software packages from Red Hat and DNF package repositories.

Manage basic storage

Create and manage storage devices, partitions, file systems, and swap spaces from the command line.

Control services and the boot process

Control and monitor network services, system daemons, and the boot process using systemd.

Manage networking

Configure network interfaces and settings on Red Hat Enterprise Linux servers.

Analyze and store logs

Locate and accurately interpret logs of system events for troubleshooting purposes.

Implement advanced storage features

Create and manage logical volumes containing file systems and swap spaces from the command line, and configure advanced storage

features with Stratis and VDO.

Schedule future tasks

Schedule tasks to automatically execute in the future.

Access network-attached storage

Access network-attached storage, using the NFS protocol.

Manage network security

Control network connections to services using the system firewall and SELinux rules.

Run containers

Obtain, run, and manage simple, lightweight services as containers on a single Red Hat Enterprise Linux server.