Red Hat System Administration II

Duration: 5 Days Course Code: RH134

Overview:

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 is the second of a two-course series that helps a computer professional with minimal Linux experience become a fully capable Linux administrator. 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.
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 (RH199).
This course is based on Red Hat Enterprise Linux 10.0.
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.
Updated Jan2026

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

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.

Objectives:

- After this course participants should be able to:
- 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
- Manage running containers
- Use image mode for RHEL

Prerequisites:

- 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

Testing and Certification

- Red Hat Certified System Administrator (RHCSA) exam (EX200)

should start with the RHCSA Rapid Track course (RH199). Take Red Hat free assessment to gauge whether this offering is the best fit for your skills Red Hat Skills Assessment

- RH124 - Red Hat System Administration I
- RH199 - Red Hat Certified System Administrator (RHCSA) Rapid Track course (RH199)

Follow-on-Courses:

- Red Hat Enterprise Linux Automation with Ansible (RH294 - AU294)
- EX200 - Red Hat Certified System Administrator (RHCSA) exam
- RH294 - Red Hat Enterprise Linux Automation with Ansible

Content:

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*.

Additional Information:

Official course book provided to participants.

Further Information:

For More information, or to book your course, please call us on Head Office Tel.: +974 40316639

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