

Red Hat System Administration II

Duration: 5 Days **Course Code:** RH134 **Delivery Method:** Company Event

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

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

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:

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| ■ After this course participants should be able to: | ■ Manage security and system access |
| ■ Install Red Hat Enterprise Linux with scalable methods | ■ Control the boot process and system services |
| ■ Access security files, file systems, and networks | ■ Manage running containers |
| ■ Execute shell scripting and automation techniques | ■ Use image mode for RHEL |
| ■ Manage storage devices, logical volumes, and file systems | |

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 should start with the RHCSA Rapid Track course (RH199).

Testing and Certification

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

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 - RHCSA Exam
 - RH294 - Red Hat Enterprise Linux Automation with Ansible
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Content:

Shell Scripting and the Command Line	Create compressed archives of files so that they can be backed up and transferred to other systems.	Managing Network Security
Write and run simple shell scripts, and use shell scripting features to efficiently run commands at the shell prompt.	Transferring Files	Control network connections to services by using the system firewall, and network services that can bind to particular ports by using SELinux.
Using Regular Expressions for Practical Applications	Securely transfer files from one system to another.	Accessing Network-attached Storage
Efficiently complete system administration tasks by using regular expressions to match text.	Tuning System Performance	Access network-attached storage that is provided by using the Network File System (NFS) protocol, either manually or by using the automounter.
Scheduling User Tasks	Improve system performance by setting a tuning profile and by adjusting the scheduling priority of specific processes.	Installing Red Hat Enterprise Linux
Schedule programs to run in the future, either at a specific time and date or on a recurring basis, as a regular user.	Managing Basic Storage	Install Red Hat Enterprise Linux in package mode, either interactively or by using Kickstart.
Scheduling System Tasks	Manage storage devices by creating partitions, file systems, and swap spaces from the command line.	Managing Containers with Podman
Schedule system programs that must run on a recurring basis to support daemons or operating system functions.	Managing Storage with Logical Volume Manager	Manage containers and container images with the latest version of container management tools.
Analyzing and Storing Logs	Use Logical Volume Manager (LVM) to manage logical volumes that can contain file systems and swap spaces.	Working with Image-based Red Hat Enterprise Linux
Locate and interpret system logs for troubleshooting purposes, and ensure accurate timestamps for log events.	Controlling and Troubleshooting the Boot Process	Create, use, install, and upgrade containers and servers that use image-based installation management.
Managing Security with SELinux	Manage how the system boots to control which services start and to troubleshoot and repair boot-time problems.	Comprehensive Review
Protect systems and manage security by using SELinux.	Recovering Superuser Access	Practice skills that you learned in <i>Red Hat System Administration II</i> .
Archiving Files	Gain administrative access to a system when the superuser password is unknown or is locked.	

Additional Information:

Official course book provided to participants.

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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