

Red Hat Certified System Administrator (RHCSA) Rapid Track course (RH199)

Duration: 5 Days Course Code: RH199

Overview:

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 (RH199) features Red Hat® Enterprise Linux® 10 and is designed for those who already have significant experience with Linux administration.

This course will lay the foundation for Linux system administrators to efficiently and securely resolve configuration issues, integrate Red Hat Enterprise Linux with other existing systems, manage user and group administration, and use available storage solutions. The rapid pace can quickly turn a computer professional with basic knowledge of Linux into a fully capable Linux administrator.

This accelerated course combines essential content from Red Hat System Administration I (RH124) and Red Hat System Administration II (RH134) to help students operate, manage, and maintain a Red Hat Enterprise Linux system.

This course is based on Red Hat Enterprise Linux 10.

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

Target Audience:

System administrators, platform engineers, developers, and other IT professionals who have a foundational understanding of the Linux command line, and are seeking to learn key tasks to administer a Red Hat Enterprise Linux system.

Objectives:

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| ■ After this course participants should be able to: | ■ Configure network services and security |
| ■ Manage users, groups, and authentication | ■ Create storage devices, volumes, and file systems, including Stratis storage management |
| ■ Manage packages with a new repository structure and AppStream modules | ■ Perform server management with the Cockpit web management utility |
| ■ Use and manage desktop software by using Flatpak | ■ Troubleshoot problems and obtain support |
| ■ Manage processes, scheduling, and tuning | |

Prerequisites:

- Familiarity with fundamental Linux computing concepts, experience as a Linux user, and readiness to perform 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, Red Hat recommends that you start by taking the Red Hat System Administration I (RH124) course instead.
- Take Red Hat free assessment to gauge whether this offering is the best fit for your skills [Red Hat Skills Assessment](#)

Testing and Certification

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

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:

Registering Systems for Red Hat Support

Register a system by using your Red Hat account to get support services and software that Red Hat provides.

Managing Files from the Command Line

Copy, move, create, delete, and organize files from the command line.

Editing Text Files

Create, view, and edit text files from the command line.

Managing Local Users and Groups

Obtain superuser access to a system; create, manage, and delete local users and groups; and administer local password policies.

Controlling Access to Files

Set standard permissions on files and interpret the security effects of different permission settings.

Installing and Updating Software with RPM

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

Installing and Updating Applications by using Flatpak

Install, upgrade, and use desktop software from the Red Hat Ecosystem Catalog by using Flatpak.

Accessing Removable Media

Access file systems on removable media devices by mounting them on a directory in the file-system hierarchy.

Monitoring and Managing Linux Processes

Investigate, control, and terminate processes that run on a Red Hat Enterprise Linux System.

Controlling Services and Daemons

Control and monitor the system services and daemons that systemd starts.

Managing Network Configuration

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

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.

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.

Comprehensive Review

Practice skills learned in *RHCSA Repaid Track Course*.

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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