

Red Hat Certified System Administrator Rapid Track

Course Duration: 40 Hours

Course Code : RH199

1. Course Overview

The **Red Hat Certified System Administrator (RHCSA) Rapid Track course (RH199)** is designed for experienced Linux system administrators who want to quickly prepare for the **RHCSA certification exam (EX200)**. This accelerated course combines the key topics from **Red Hat System Administration I (RH124)** and **Red Hat System Administration II (RH134)** into a fast-paced format. Participants will gain hands-on experience in managing users, securing systems, configuring storage, administering services, and automating tasks to efficiently operate Red Hat Enterprise Linux (RHEL) systems.

2. What You'll Learn

- Manage users, groups, and permissions in Linux environments.
- Configure and secure storage, file systems, and partitions.
- Control system services, processes, and boot targets.
- Implement firewalls and SELinux for system security.
- Deploy and configure network services.
- Automate administrative tasks with shell scripting.
- Prepare effectively for the **RHCSA certification exam**.

3. Target Audience

- Experienced Linux administrators seeking **RHCSA certification**.
- IT professionals responsible for managing RHEL systems.
- System administrators transitioning from other Linux distributions.
- Candidates who want an accelerated path instead of taking RH124 and RH134 separately.

4. Pre-Requisites

- Strong knowledge of Linux command-line operations.
- Practical experience in system administration.
- Completion of **RHCSA-level experience** or equivalent skills.

5. Course Content

Module 1: Essential Tools

- Accessing command line
- Managing files, directories, and archives
- Using VIM and text-processing tools

Module 2: Operating Running Systems

- Managing processes and services
- Booting, rebooting, and shutting down systems
- Managing system logs and scheduling tasks

Module 3: Configuring Local Storage

- Partitioning and formatting disks
- Managing LVM and swap space
- Mounting file systems

Module 4: Managing Users and Groups

- Creating and managing users/groups
- Configuring passwords and Sudo privileges

Module 5: Security Management

- Configuring firewalls using **firewall**
- Understanding and applying Selina policies

Module 6: Networking

- Configuring network interfaces
- Setting up hostname resolution
- Securing network connections

Module 7: Automating Tasks

- Using Bash shell scripting for automation
- Scheduling tasks with cron and at

Module 8: Installing and Updating Software

- Using YUM/DNF package managers
- Managing software repositories

Module 9: Accessing Linux File Systems

- Mounting remote file systems
- NFS and SMB services

Module 10: RHCSA Exam Preparation

- Review of key topics
- Hands-on lab practice for EX200 exam readiness