

Training: Red Hat
RH199 RHCSA Rapid Track Course



Please contact us by phone using the form below in order to perform calculations as training

TRAINING GOALS:

The RHEL7 **RH199 RHCSA Rapid Track course** is designed for students who already have significant experience with **Linux® administration**. The course reviews the tasks covered in RHEL7 [RH124 Red Hat System Administration I](#) and RHEL7 [RH134 Red Hat System Administration II](#) at an accelerated pace. On completion of course materials, students should be prepared to take the [Red Hat Certified System Administrator \(RHCSA\) exam](#).

Note: This course builds on a student's existing understanding of command-line based Linux system administration. Students should be able to execute common commands using the shell, work with common command options, and access man pages for help. Students lacking this knowledge are strongly encouraged to take RHEL7 **RH124 Red Hat System Administration I** and RHEL7 **RH134 Red Hat System Administration II** separately instead.

CONSPECT:

- Accessing the command line
 - Log in to a Linux system and run simple commands using the shell.
- Managing Files from the command line
 - Work with files from the bash shell prompt.
- Managing local Linux users and groups
 - Manage Linux users and groups and administer local password policies.
- Controlling access to files with Linux file system permissions
 - Set access permissions on files and interpret the security effects of different permission settings.
- Managing SELinux security
 - Use SELinux to manage access to files and interpret and troubleshoot SELinux security effects.
- Monitoring and managing Linux processes
 - Monitor and control processes running on the system.
- Installing and updating software packages
 - Download, install, update, and manage software packages from Red Hat and yum

package repositories.

- Controlling services and daemons
 - Control and monitor network services and system daemons using systemd.
- Managing Red Hat Enterprise Linux networking
 - Configure basic IPv4 networking on Red Hat Enterprise Linux systems.
- Analyzing and storing logs
 - Locate and interpret relevant system log files for troubleshooting purposes.
- Managing storage and file systems
 - Create and use disk partitions, logical volumes, file systems, and swap spaces.
- Scheduling system tasks
 - Schedule recurring system tasks using cron and systemd timer units.
- Mounting network file systems
 - Mount network file system (NFS) exports and server message block (SMB) shares from network file servers.
- Limiting network communication with firewalld
 - Configure a basic local firewall.
- Virtualization and kickstart
 - Manage KVMs and install them with Red Hat Enterprise Linux using Kickstart.

REQUIREMENTS:

Students attending this course should have basic experience with the following, with minimal dependence on documentation:

- Linux (some of the course may be review)
- The bash shell, including job control (&, fg, bg, jobs), shell expansion (command, tilde, globbing, brace, protection from expansion), I/O redirection, and pipes
- IPv4 networking addressing and routing concepts, TCP/UDP, and ports
- Navigation of the GNOME 3 interface
- Editing text files from the command line with vim or other available programs
- Finding information in man pages and info nodes
- The concept of file permissions
- Interactive installation of Red Hat Enterprise Linu
- Per-user 'at' and 'cron' jobs
- Use of archival utilities such as 'tar', 'zip', and compression utilities
- Absolute and relative paths
- Finding files with 'find' and 'locate'

Difficulty level



CERTIFICATE:

Participants will obtain certificates signed by Red Hat.

TRAINER:

Red Hat Certified Instructor

ADDITIONAL INFORMATION:

Next steps suggested after the course completion:

- [EX200 Red Hat Certified System Administration \(RHCSA\) Exam](#)
- [RH254 Red Hat System Administration III](#) or [RH255 Red Hat System Administration III](#)
- [RH342 Red Hat Enterprise Linux Diagnostics and Troubleshooting](#)
- [RH442 Red Hat Enterprise Performance Tuning](#)
- [RH413 Red Hat Server Hardening](#)