RHCSA Rapid Track Course

Category: Infrastructure & IT Operations | **Vendor:** Red Hat

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Red Hat Certified System Administrator (RHCSA)
Related Exam:	EX200

Course Overview

The RHCSA Rapid Track Course (RH199) relates to Red Hat® Enterprise Linux® 7 and is designed for students who already have significant experience with Linux administration. The course reviews the tasks covered in Red Hat System Administration I (RH124) and Red Hat System Administration II (RH134) 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 Red Hat System Administration I (RH124) and Red Hat System Administration II (RH134) instead.

About This Course

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Who Should Attend

Students for this class should have 1-3 years of full time Linux administration experience.

Prerequisites & Entry Requirements

General Prerequisites:

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 Linux
- 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'

Learning Outcomes

Upon successful completion of this course, participants will be able to:

During this course, you will learn:

- Managing users and groups, files, and file permissions
- Updating software packages with yum
- Managing and troubleshooting systemd services during the boot process
- Network configuration and basic troubleshooting
- Managing local storage and creating and using file systems
- Firewall management with firewalld
- Managing Kernel-based Virtual Machines (KVMs)
- Automating installation of Red Hat Enterprise Linux using Kickstart

Detailed Course Outline

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.

□□ Certification Path

Red Hat Certified System Administrator (RHCSA)

Exam: EX200

Skills You Will Learn:

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Frequently Asked Questions

Q: What delivery options are available for RHCSA Rapid Track Course?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The RHCSA Rapid Track Course course helps prepare you for the Red Hat Certified System Administrator (RHCSA) certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the EX200 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 5-day RHCSA Rapid Track Course course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the RHCSA Rapid Track Course training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for RHCSA Rapid Track Course?

Yes, we provide corporate training, dedicated training, and closed classes for RHCSA Rapid Track Course. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: RHCSA Rapid Track Course, Core System Administration, RH199

Q: Why choose Nexus Human for RHCSA Rapid Track Course?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your RHCSA Rapid Track Course training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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