Red Hat System Administration II with RHCSA Exam (EX200)

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

Red Hat System Administration II (RH135) is designed as the second part of the Red Hat® Certified System Administrator (RHCSA®) training track for IT professionals who have taken Red Hat System Administration I (RH124). The course goes deeper into core Linux® system administration skills, including storage configuration, security feature management, task control, and installation and deployment of Red Hat® Enterprise Linux.

The Red Hat Certified System Administrator (RHCSA) Exam (EX200) is included in this offering, which is based on Red Hat Enterprise Linux 8.

About This Course

- Install Red Hat Enterprise Linux using scalable methods
- Access security files, file systems, and networks
- Execute shell scripting and automation techniques
- Manage storage devices, logical volumes, and file systems
- Manage security and system access
- Control the boot process and system services

Who Should Attend

This offering is geared toward Windows system administrators, network administrators, and other system administrators who are interested in supplementing current skills or backstopping other team members, in addition to Linux system administrators who are responsible for these tasks:

- Configuring, installing, upgrading, and maintaining Linux systems using established standards and procedures
- Providing operational support
- Managing systems for monitoring system performance and availability
- Writing and deploying scripts for task automation and system administration

Prerequisites & Entry Requirements

General Prerequisites:

Successful completion of Red Hat System Administration I (RH124) is recommended.

Learning Outcomes

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

Impact on the organization

This offering provides your team members with a solid foundation in Linux system administration, helping ensure improved ability to manage your infrastructure efficiently. These skills can help improve system reliability and storage utilization efficiency, while making responsiveness to system failures faster and more accurate. This offering is the second of a two-part series that takes a computer professional from minimal Linux experience to being a fully capable Linux administrator.

Red Hat has created this course in a way intended to benefit our customers, but each company and infrastructure is unique, and actual results or benefits may vary.

Impact on the individual

As a result of completing this offering, you should be able to perform and validate the key tasks needed to become a full-time Linux administrator. You will be introduced to more advanced administrative topics, such as storage management using LVM, SELinux management, and automated installation. This offering goes deeper into enterprise Linux administration, including file systems and partitioning, logical volumes, SELinux, firewall configuration, and troubleshooting.

You should be able to demonstrate these skills:

- Install Red Hat Enterprise Linux using Kickstart
- Manage file systems and logical volumes
- Manage scheduled jobs
- Access network file systems
- Manage SELinux
- Control firewalls
- Perform troubleshooting tasks

Detailed Course Outline

Improve command line productivity

Run commands more efficiently by using advanced features of the bash shell, shell scripts, and various utilities provided by Red Hat Enterprise Linux.

Schedule future tasks

Schedule commands to run in the future, either one time or on a repeating schedule.

Tune system performance

Improve system performance by setting tuning parameters and adjusting scheduling priority of processes.

Control access to files with ACLs

Interpret and set access control lists (ACLs) on files to handle situations requiring complex user and group access permissions.

Manage SELinux security

Protect and manage the security of a server by using SELinux.

Maintain basic storage

Create and manage storage devices, partitions, file systems, and swap spaces from the command line.

Manage logical volumes

Create and manage logical volumes containing file systems and swap spaces from the command line.

Implement advanced storage features

Manage storage using the Stratis local storage management system and use VDO volumes to optimize storage space in use.

Access network-attached storage

Use the NFS protocol to administer network-attached storage.

Control the boot process

Manage the boot process to control services offered and to troubleshoot and repair problems.

Manage network security

Control network connections to services using the system firewall and SELinux rules.

Install Red Hat Enterprise Linux

Install Red Hat Enterprise Linux on servers and virtual machines.

□□ 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 Red Hat System Administration II with RHCSA Exam (EX200)?

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 Red Hat System Administration II with RHCSA Exam (EX200) 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 Red Hat System Administration II with RHCSA Exam (EX200) 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 Red Hat System Administration II with RHCSA Exam (EX200) 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 Red Hat System Administration II with RHCSA Exam (EX200)?

Yes, we provide corporate training, dedicated training, and closed classes for Red Hat System Administration II with RHCSA Exam (EX200). 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: Red Hat System Administration II with RHCSA Exam (EX200), Core System Administration, RH135

Q: Why choose Nexus Human for Red Hat System Administration II with RHCSA Exam (EX200)?

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 Red Hat System Administration II with RHCSA Exam (EX200) 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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