Red Hat System Administration I - Red Hat Learning Subscription Course (RH124LS)

Category: Networking & Security | **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

Related Exam: Red Hat System Administration I; Linux Platform; RH124

Course Overview

With 90% of Fortune 500 companies using Red Hat, learning to manage Red Hat Enterprise Linux is a powerful career step. Are you ready to take control of Red Hat systems and build real command-line confidence? Red Hat System Administration I (RH124) is the first course in Red Hat’s core system administration training track, designed for IT professionals without previous Linux experience. This lab-based course provides students with Linux administration skills by focusing on core administration tasks, such as managing files, controlling services, and configuring Red Hat Enterprise Linux servers. RH124 provides a foundation for students who plan to become full-time Linux system administrators and is the first step toward earning the Red Hat Certified System Administrator (RHCSA) credential. The journey continues with Red Hat System Administration II (RH134). This course is based on Red Hat® Enterprise Linux 10.0. RHLS Course Includes: 365-Day RHLS Subscription - Full year of access starting from your purchase date. Official Red Hat Training Curriculum - Learn directly from Red Hat’s validated, up-to-date course materials. Hands-On Labs (100 Hours per Course) - Build practical, real-world skills through extensive lab time. One Certification Exam + Free Retake - Includes exam readiness resources to help you prepare with confidence. One Virtual, Instructor-Led Class - Attend a live online class through the Red Hat portal (self-enrollment required using your RHID).

About This Course

With 90% of Fortune 500 companies using Red Hat, learning to manage Red Hat Enterprise Linux is a powerful career step. Are you ready to take control of Red Hat systems and build real command-line confidence? Red Hat System Administration I (RH124) is the first course in Red Hat’s core system administration training track, designed for IT professionals without previous Linux experience. This lab-based course provides students with Linux administration skills by focusing on core administration tasks, such as managing files, controlling services, and configuring Red Hat Enterprise Linux servers. RH124 provides a foundation for students who plan to become full-time Linux system administrators and is the first step toward earning the Red Hat Certified System Administrator (RHCSA) credential. The journey continues with Red Hat System Administration II (RH134). This course is based on Red Hat® Enterprise Linux 10.0. RHLS Course Includes: 365-Day RHLS Subscription - Full year of access starting from your purchase date. Official Red Hat Training Curriculum - Learn directly from Red Hat’s validated, up-to-date course materials. Hands-On Labs (100 Hours per Course) - Build practical, real-world skills through extensive lab time. One Certification Exam + Free Retake - Includes exam readiness resources to help you prepare with confidence. One Virtual, Instructor-Led Class - Attend a live online class through the Red Hat portal (self-enrollment required using your RHID).

Who Should Attend

This course 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:

Basic technical user skills with computer applications on some operating systems are expected. Previous experience as a Linux user or with system administration of other operating systems might be beneficial.

Learning Outcomes

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

You'll develop real-world Linux administration skills that serve as the foundation for continued Red Hat training and RHCSA certification. Introduce Linux and the Red Hat Enterprise Linux ecosystem. Run commands and view shell environments. Manage, organize, and secure files. Manage users, groups, and user security policies. Control and monitor systemd services. Configure remote access by using the web console and SSH. Configure network interfaces and settings. Manage software by using DNF.

Detailed Course Outline

1 - Introduction to Red Hat Enterprise Linux

- Define and explain the following concepts: open source, Linux, Linux distributions, and Red Hat Enterprise Linux.

2 - Accessing the Command Line

- Log in to a Linux system and run simple commands by using the shell.

3 - Getting Help from Local Documentation

- Resolve problems by using information in local help systems and documentation.

4 - 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.

5 - Getting AI-assisted Help with RHEL Lightspeed

- Get AI-driven guidance and suggestions to efficiently manage a RHEL server by using Red Hat Enterprise Linux Lightspeed.

6 - Navigating the File-system Hierarchy

- Describe the organization of files in the Linux file-system hierarchy and specify files by name, by using relative paths or absolute paths.

7 - Managing Files from the Command Line

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

8 - Editing Text Files

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

9 - Redirecting Shell Input and Output

- Redirect the output of commands and input to commands, by using Bash.

10 - Managing Local Users and Groups

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

11 - Controlling Access to Files

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

12 - Installing and Updating Software with RPM

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

13 - Installing and Updating Applications by Using Flatpak

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

14 - Accessing Removable Media

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

15 - Monitoring and Managing Linux Processes

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

16 - Controlling Services and Daemons

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

17 - Introduction to Networking

- Describe basic TCP/IP networking concepts and investigate the current network configuration and functionality on a server.

18 - Managing Network Configuration

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

19 - Configuring and Securing SSH

- Protect SSH communication by managing host keys and by implementing key-based authentication for users.

20 - Comprehensive Review

- Practice skills learned in Red Hat System Administration I.

Upcoming Schedule

Available training dates for Red Hat System Administration I - Red Hat Learning Subscription Course (RH124LS):

Start Date	End Date	Location	Delivery	Price
08 Feb 2027	12 Feb 2027	22-24 Strand Street Great	Virtual	€3,050.00
12 Apr 2027	16 Apr 2027	22-24 Strand Street Great	Virtual	€3,050.00
09 Aug 2027	13 Aug 2027	22-24 Strand Street Great	Virtual	€3,050.00
11 Oct 2027	15 Oct 2027	22-24 Strand Street Great	Virtual	€3,050.00

Frequently Asked Questions

Q: What delivery options are available for Red Hat System Administration I - Red Hat Learning Subscription Course (RH124LS)?

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: Which exam does this course prepare me for?

This course prepares you for the Red Hat System Administration I; Linux Platform; RH124 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 I - Red Hat Learning Subscription Course (RH124LS) 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 I - Red Hat Learning Subscription Course (RH124LS) 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 I - Red Hat Learning Subscription Course (RH124LS)?

Yes, we provide corporate training, dedicated training, and closed classes for Red Hat System Administration I - Red Hat Learning Subscription Course (RH124LS). 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: Why choose Nexus Human for Red Hat System Administration I - Red Hat Learning Subscription Course (RH124LS)?

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 I - Red Hat Learning Subscription Course (RH124LS) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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