

[View Full Course Details including Latest Schedule Online](#)

RED HAT LINUX

Red Hat System Administration I (RH124) Training

This training introduces experienced IT professionals to the basic skills and tasks for Linux system administration in Red Hat® Enterprise Linux.

Due to Covid-19 safety restrictions PhoenixTS will temporarily be unable to provide food to our students who attend class at our Training Center; however, our Break Areas are **currently open** where students will find a constant supply of Coffee, Tea and Water. Students may bring their own lunch and snacks to eat in our breakrooms or at their seat in the classroom or eat out at one of the many nearby restaurants.

Course Overview

This 5-day instructor-led training experience is geared towards IT professionals without previous Linux administration experience to introduce and prepare them for working with Red Hat Enterprise Linux 7 (RHEL7).

The course zones in on fundamental and “survival skills” essentials for professionals to perform Linux Sysadmin tasks and responsibilities. This training is the first of two courses that prepares students for the Red Hat Certified System Administrator (RHCSA) certification exam (EX200).

Schedule

Currently, there are no public classes scheduled. Please contact a Phoenix TS Training Consultant to discuss hosting a private class at 240-667-7757.



Course Objectives

- Introducing the command line
- Physical storage management
- Installing and configuring software components and services
- Network connections and firewall access
- How to monitor and manager system processes
- File management and security
- User and group administration
- Linux file systems
- Install and utilize virtualization for linux systems
- System log files and journal

Course Outline

Accessing the Command Line Interface (CLI)

- Logging into Linux Systems
- Running Basic Commands in Shells

File Management from the Command Line

- Copying, moving, deleting and organizing files in the Bash shell

Resource Assistance in RHEL

- Accessing online help systems
- Red hat support resources and utilities

Creating, Editing and Viewing Text Files

- Creating, viewing and editing text files in text editors and from the command line

Local User and Group Management

- Managing local users and groups



- Administering password policies

Linux File System Permissions for Controlling Access to Files

- Setting Linux file system permissions
- Evaluating security results of permission settings

Managing and Monitoring Linux Processes

- Gathering system information
- Accessing and controlling system processes

Controlling Services and Daemons

- Controlling and monitoring with Systemd
 - Network services
 - System daemons

Configuring and Securing OpenSSH Service

- OpenSSH for accessing command line on remote systems

Analyzing and Storing Logs

- Locating and interpreting system log files for troubleshooting

Managing RHEL Networking

- Configuring IPv4 networking on RHEL systems

Archiving and Copying Files on Systems

- Archiving and copying files from one system to another system



Installing and Updating Software Packages

- Downloading, installing, updating and managing software packages from RH and yum package repositories

Accessing File Systems

- Accessing and auditing existing file systems on RHEL Systems

RHCSA EX200 Certification Exam

Exam Details:

- Candidates must complete RH124 and RH134 training before attempting the RHCSA exam (EX200)
- All exam questions are performance-based
- The exam is 2.5 hours in duration

Exam Objectives

Understand and use essential tools

Operate running systems

Create and configure file systems

Deploy, configure, and maintain systems

Manage users and groups

Manage security

RH124 Certification Training FAQs

Who should attend this training?

This course is intended for IT professionals with general knowledge of system administration, in Windows or Linux, who want to attain a stronger understanding of installation, network connectivity, managing physical storage, and implementing security controls in larger environments that use RHEL. Typical candidates include

Junior Linux Administrators, System Administrators, and Network Administrators.

What is the recommended experience for this training?



PhoenixTS

301-258-8200 | Sales@PhoenixTS.com | www.PhoenixTS.com

Before attending this course, students should have system administration experience and familiarity working with Linux operating systems.

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Starting at **\$3,800**

ATTENTION

For GSA pricing or Contractor quotes call
[240.667.7757](tel:240.667.7757)

GSA



Price Match Guarantee

We'll match any competitor's price quote. Call us at 240-667-7757.



Included in this **Red Hat System Administration I (RH124) Training**

- 5 days instructor-led training
- Red Hat System Administration I (RH124) Training training book
- Notepad, pen and highlighter
- Variety of bagels, fruits, doughnuts and cereal available at the start of class*
- Tea, coffee and soda available throughout the day*
- Freshly baked cookies every afternoon*