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

View Full Course Details including Latest Schedule Online

RED HAT LINUX

Red Hat System Administration I (RH124)

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

BONUS! Cyber Phoenix Subscription Included: All Phoenix TS students receive complimentary ninety (90) day access to the Cyber Phoenix learning platform, which hosts hundreds of expert asynchronous training courses in Cybersecurity, IT, Soft Skills, and Management and more!

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 301-258-8200.

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

Program Level

Basic

Training Delivery Methods

Group Live

Duration

5 Days / 32 hours Training

CPE credits

26 NASBA CPE Credits

Field of Study

Information Technology

Advanced Prep

N/A

Course Registration

Candidates can choose to register for the course by via any of the below methods:

- Email: Sales@phoenixts.com
- Phone: 301-582-8200

- Website: www.phoenixts.com

Upon registration completion candidates are sent an automated course registration email that includes attachments with specific information on the class and location as well as pre-course study and test preparation material approved by the course vendor. The text of the email contains a registration confirmation as well as the location, date, time and contact person of the class.

Online enrolment closes three days before course start date.

On the first day of class, candidates are provided with instructions to register with the exam provider before the exam date.

Complaint Resolution Policy

To view our complete Complaint Resolution Policy policy please click here: Complaint Resolution Policy

Refunds and Cancellations

To view our complete Refund and Cancellation policy please click here: Refund and Cancellation Policy

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

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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. Typcial candidates include
Junior Linux Administrators, System Administrators, and Network Administrators.

What is the recommended experience for this training?

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

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Phoenix TS is registered with the National Association of State Boards of Accountancy (NASBA) as a sponsor of continuing professional education on the National Registry of CPE Sponsors. State boards of accountancy have final authority on the acceptance of individual courses for CPE credit. Complaints re-garding registered sponsors may be submitted to the National Registry of CPE Sponsors through its web site: www.nasbaregistry.org

Starting at **$3,800**

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ATTENTION

For GSA pricing or Contractor quotes call
301-258-8200 – Option 2.

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)**

- 5 days instructor-led training
- Red Hat System Administration I (RH124) 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*