

Red Hat System Administration I – RH124

This course is based on Red Hat® Enterprise Linux 8.2.

Outline for this course

Get started with Red Hat Enterprise Linux

Describe and define open source, Linux distributions, and Red Hat Enterprise Linux.

Access the command line

Log into a Linux system and run simple commands using the shell.

Manage files from the command line

Copy, move, create, delete, and organize files while working from the bash shell.

Get help in Red Hat Enterprise Linux

Resolve problems by using local help systems.

Create, view, and edit text files

Manage text files from command output or in a text editor.

Manage local users and groups

Create, manage, and delete local users and groups, as well as administer local password policies.

Control access to files

Set Linux file system permissions on files and interpret the security effects of different permission settings.

Monitor and manage Linux processes

Evaluate and control processes running on a Red Hat Enterprise Linux system.

Control services and daemons

Control and monitor network services and system daemons using systemd.

Configure and secure SSH

Configure secure command line service on remote systems, using OpenSSH.

Analyze and store logs

Locate and accurately interpret logs of system events for troubleshooting purposes.

Manage networking

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

Archive and transfer files

Archive and copy files from one system to another.

Install and update software

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

Access Linux files systems

Access, inspect, and use existing file systems on storage attached to a Linux server.

Analyze servers and get support

Investigate and resolve issues in the web-based management interface, getting support from Red Hat to help solve problems.

Comprehensive review

Review the content covered in this course by completing hands-on exercises.