



Information Technology

## Red Hat System Administration (RH12)

## Course Introduction

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Red Hat System Administration I provides a foundation for students wishing to become full-time Linux system administrators by introducing key command line concepts and other enterprise-level tools. These concepts are further developed in the follow-on course, Red Hat System Administration II (RH134).

## Target Audience

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This training course is designed and beneficial for IT professionals across a broad range of disciplines who need to perform essential Linux administration tasks

including installation, establishing network connectivity, managing physical storage, and basic security administration.

## Learning Objectives

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At the end of the training course, participants will be able to:

- Gain a comprehensive understanding of open source, Linux distributions, and Red Hat Enterprise Linux.
- Log into a Linux system and run commands using the shell.
- Copy, move, create, delete, and organize files while working from the bash shell.
- Resolve problems by using local help systems.
- Manage text files from command output or in a text editor.
- Create, manage, and delete local users and groups and administer local password policies.
- Set Linux file system permissions on files and interpret the security effects of different permission settings.
- Evaluate and control processes running on a Red Hat Enterprise Linux system.
- Control and monitor network services and system daemons using system.

- Configure secure command line service on remote systems, using OpenSSH.
- Configure network interfaces and settings on Red Hat Enterprise Linux servers.
- Investigate and resolve issues in the web-based management interface, getting support from Red Hat to help solve problems.

## Course Outline

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- **Day 01**

- Module 1: Introduction to Red Hat Enterprise Linux
- Module 2: Access the Command Line
- Module 3: Manage files from the Command Line

- **Day 02**

- Module 4: Get help in Red Hat Enterprise Linux
- Module 5: Create, view, and edit text files
- Module 6: Manage local users and groups
- Module 7: Control access to files

- **Day 03**

- Module 8: Monitor and manage Linux processes
- Module 9: Control services and daemons
- Module 10: Configure and secure SSH

- **Day 04**

- Module 11: Analyze and store logs
- Module 12: Manage Networking
- Module 13: Archive and Transfer Files

- **Day 05**

- Module 14: Install and Update Software
- Module 15: Access Linux File Systems
- Module 16: Analyze servers and get support

# Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Dec. 15, 2025	Dec. 19, 2025	5 days	4250.00 \$	UAE - Dubai