

Red Hat Enterprise Linux Technical

Course Duration: 8 Hours

Course Code: RH024

1. Course Overview

The **Red Hat Enterprise Linux Technical Overview (RH024)** is a free, on-demand course designed to introduce learners to the fundamentals of **Red Hat Enterprise Linux (RHEL)**. It covers essential Linux concepts, command-line basics, system architecture, file management, user administration, and security.

This course provides an excellent starting point for IT professionals who want to understand how RHEL supports enterprise IT environments and serves as the foundation for modern applications, virtualization, and cloud computing.

2. What You'll Learn?

By the end of this course, participants will:

- Understand the **core features and advantages** of Red Hat Enterprise Linux.
- Navigate and manage the **Linux command line interface (CLI)**.
- Explore the **Linux filesystem, processes, and users**.
- Learn basic **system administration and security** practices.
- Gain insights into how RHEL integrates with **cloud, containers, and automation**.

3. Target Audience

This course is designed for:

- **New Linux users** exploring enterprise Linux environments.
- **System administrators** beginning with Red Hat Enterprise Linux.
- **IT professionals and decision-makers** evaluating Linux adoption.
- **Students and developers** interested in open-source technologies.

4. Pre-Requisites

- No prior Linux experience is required.
- General knowledge of IT concepts is beneficial.

5. Course Content

Module 1: Introduction to Red Hat Enterprise Linux

- What is RHEL?
- Benefits of enterprise Linux in IT environments

Module 2: Accessing the Command Line

- Introduction to CLI
- Executing basic commands

Module 3: Managing Files and Directories

- Navigating the Linux filesystem
- Creating, moving, and deleting files and directories

Module 4: Users and Groups

- Creating and managing users
- Understanding groups and permissions

Module 5: Processes and System Tasks

- Monitoring processes
- Managing system tasks and jobs

Module 6: Security Basics

- File permissions and ownership
- Basic system security concepts

Module 7: Red Hat Enterprise Linux in the Modern IT Landscape

- Integration with cloud platforms
- Containers, automation, and DevOps readiness

