

Getting Started with Linux Fundamentals

Duration: 2 Days **Course Code: RH104** **Delivery Method: Company Event**

Overview:

Introduction to concepts and fundamental skills for Linux users who run applications and services in Linux environments, but do not perform Linux system administration.

With a widely installed base of Linux servers, services, and cloud applications, many organizations have large business and technical workforces who require introductory Linux training to work with a variety of Linux distributions. These personnel must maintain a proficiency of fundamental Linux skills to perform their assigned roles and support activities. This training provides an organization with a standardized, comprehensive Linux training for the business and support workforce who are not system administrators or engineers.

Getting Started with Linux Fundamentals (RH104) is designed for IT professionals and business users who access Linux systems, and run Linux-based applications and services, but have little to no previous UNIX or Linux experience.

This course introduces Linux concepts and fundamental skills to Linux users who do not manage or administer Linux systems. Professionals who require system administration skills should instead take Red Hat System Administration I (RH124).

Note: Starting January 2026 this course only exists in CR (classroom) if scheduled or Closed course modalities. No RHLS-Course for this course.

You can access this course content in e-learning by registering for an RHLS (Red Hat Learning Subscription) Free Trial for 90 days - Contact us or click here [RHLS Free Signup | redhat.com](https://redhat.com/rhls-free-signup)

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Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

Target Audience:

Beginner Red Hat Administrator
Beginner Linux User
Windows users running recent Microsoft Windows versions with the Linux subsystem
Users with Windows experience moving to a new job or company that uses Linux
Computer science students interested in learning Linux, but without intending to become a system administrator
Programming students who will develop for or deploy to Linux environments
Beginning cloud-native developers looking for a comprehensive technical introduction to the Linux operating environment
Red Hat associates and partners who want to be more technically proficient on Linux but not system administration

Objectives:

- After this course participants should be able to:
- Introduce Linux by comparing user-relevant component distinctions between popular Linux distributions
- Log in and out of local and remote Linux systems, both with passwords and by using passwordless keys
- Work with a graphical desktop environment and applications
- Work from a command line, including operating shell environments and programs
- Navigate Linux file systems and locate and run programs and applications
- Distinguish between text and binary files, and using various editing tools to modify text files
- Organize files and directories, and configure permissions to provide file security
- Verify core system configuration, such as network addresses, running services, and storage space

Prerequisites:

None

Testing and Certification

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Follow-on-Courses:

- For students requiring Linux system administration skills:
 - Red Hat System Administration I (RH124) or
 - Red Hat Certified System Administrator (RHCSA) Rapid Track (RH199)
 - For students interested in container technologies:
 - Red Hat OpenShift I: Containers & Kubernetes (DO180) or
 - Red Hat OpenShift Development I: Introduction to Containers with Podman (DO188)
 - RH124 - Red Hat System Administration I
 - RH134 - Red Hat System Administration II
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Content:

Introduction to Linux	Use graphical and command-line tools to create and modify text files, and to identify binary files.	Obtaining and Installing Software Packages
Define and explain the purpose of Linux, and Linux distributions.	File Systems Overview	Obtain and install software from official repositories and other sources.
Accessing a Linux System	View and manage file organization in a Linux system.	Linux Networking and System Resources
Interact with the GNOME desktop, and query the terminal environment.	Users and File Permissions	Describe fundamental concepts of networking, verify network settings, and monitor system resources.
Managing Files in Linux	Interact with user accounts and identify file permissions.	

Additional Information:

Official course book provided to participants

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

info@globalknowledge.co.uk

www.globalknowledge.com/en-gb/

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK