Getting Started with Linux Fundamentals

Category: Infrastructure & IT Operations | **Vendor:** Red Hat

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course 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.

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).

Course Content Summary

- Introducing Linux by comparing user-relevant component distinctions between popular Linux distributions
- Logging in and out of local and remote Linux systems, both with passwords and by using passwordless keys
- Working with a graphical desktop environment and applications
- Working from a command line, including operating shell environments and programs
- Navigating Linux file systems and locating and running programs and applications
- Distinguishing between text and binary files, and using various editing tools to modify text files
- Organizing files and directories, and configuring permissions to provide file security
- Verifying core system configuration, such as network addresses, running services, and storage space

About This Course

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Who Should Attend

- RHA
- 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

Prerequisites & Entry Requirements

General Prerequisites:

There are no prerequisites for this course

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Impact on the organization

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.

Impact on the individual

The Getting Started with Linux Fundamentals (RH104) course provides students with a comprehensive user-focused Linux proficiency, working from both a graphical desktop and the command line. Although participants do not require any prior UNIX or Linux experience, this course is designed to create a more comprehensive understanding of Linux concepts. With the skills learned in this course, Linux users will be able to navigate and be productive in performing roles and tasks on various Linux distributions.

Detailed Course Outline

Introduction to Linux

Define and explain the purpose of Linux, and Linux distributions.

Accessing a Linux System

Interact with the GNOME desktop, and query the terminal environment.

Managing Files in Linux

Use graphical and command-line tools to create and modify text files, and to identify binary files.

File Systems Overview

View and manage file organization in a Linux system.

Users and File Permissions

Interact with user accounts and identify file permissions.

Obtaining and Installing Software Packages

Obtain and install software from official repositories and other sources.

Linux Networking and System Resources

Describe fundamental concepts of networking, verify network settings, and monitor system resources.

Skills You Will Learn:

Impact on the organization

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Frequently Asked Questions

Q: What delivery options are available for Getting Started with Linux Fundamentals?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 2-day Getting Started with Linux Fundamentals course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Getting Started with Linux Fundamentals training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Getting Started with Linux Fundamentals?

Yes, we provide corporate training, dedicated training, and closed classes for Getting Started with Linux Fundamentals. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Getting Started with Linux Fundamentals, Core System Administration, RH104

Q: Why choose Nexus Human for Getting Started with Linux Fundamentals?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Getting Started with Linux Fundamentals training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

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