



LINUX TRAINING

Basic Linux Usage Administration Course

Learn essential Linux commands and administration skills to confidently manage Linux systems.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

This "Basic Linux Usage Administration Course" from Computer Pride is meticulously designed to provide IT professionals and aspiring system administrators with a robust foundational understanding of the Linux operating system. In just 2 hours, participants will delve into the essential commands, file system structures, and fundamental administrative tasks necessary to navigate, manage, and troubleshoot Linux environments effectively. The course emphasizes practical skills using widely adopted Linux distributions, empowering learners to confidently interact with command-line interfaces and grasp core concepts crucial for any modern IT infrastructure.

By mastering the principles taught in this intermediate-level course, you will acquire invaluable skills that are highly sought after across various industries. A strong grasp of Linux is a cornerstone for roles in cloud computing, cybersecurity, web development, and data science. This certification not only enhances your technical proficiency but also significantly boosts your employability, positioning you as a capable professional ready to contribute to server management, automation, and general system maintenance within an enterprise setting. It's the perfect stepping stone for those looking to build a career in technology.

Duration	2 hours
Level	Intermediate
Vendor	Linux

COURSE CURRICULUM

01 Module 1: Getting Started with Linux

- Introduction to Linux and its distributions
- Basic command-line interface (CLI) navigation
- Essential commands: ls, cd, pwd, man
- Understanding the Linux file system hierarchy (FHS)

02 Module 2: File and Directory Management

- Creating, copying, moving, and deleting files and directories (touch, cp, mv, rm, mkdir, rmdir)
- Understanding file permissions (chmod, chown)
- Searching for files (find, grep)
- Archiving and compression (tar, gzip, bzip2)

03 Module 3: User and Process Administration

- Managing users and groups (useradd, usermod, userdel, groupadd, groupdel)
- Monitoring system processes (ps, top, kill)
- Scheduling tasks (cron, at)

04 Module 4: Basic Networking and Software Management

- Understanding network configuration basics (ip, ping, ssh)
- Package management fundamentals (e.g., apt, yum/dnf)
- Installing, updating, and removing software packages
- Introduction to text editors (e.g., vi/nano)

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Junior IT Support Specialist (Linux Environments)**
- > **Entry-Level Server Operations Assistant**
- > **Help Desk Technician with Linux Focus**

FREQUENTLY ASKED QUESTIONS

Q: What are the recommended prerequisites for enrolling in the Basic Linux Usage Administration Course?

This intermediate-level course is designed for individuals with a foundational understanding of computer concepts and basic operating system usage (e.g., Windows or macOS). While no prior Linux experience is required, a familiarity with command-line interfaces and general IT principles will be beneficial for maximizing your learning experience.

Q: How does this course serve as a stepping stone for more advanced Linux certifications like LPIC-1 or RHCSA?

The Basic Linux Usage Administration Course lays a critical groundwork for official certifications by covering fundamental topics directly relevant to their entry-level objectives. You'll gain proficiency in file system management, user administration, process control, and package management – all core components tested in certifications such as the Linux Professional Institute's LPIC-1 or Red Hat Certified System Administrator (RHCSA). It provides the essential practical experience to build upon.

Q: What practical, day-to-day tasks will I be able to perform on a Linux system after completing this course?

Upon completion, you will be proficient in a range of essential administrative tasks. This includes navigating the file system, managing files and directories, setting and modifying user and group permissions, monitoring running processes, installing and updating software, and understanding basic network configurations. These skills are fundamental for managing Linux servers, workstations, and development environments effectively.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke