



LINUX TRAINING

Linux Course Master The Open Source Operating System

Master Linux to confidently manage the open-source operating system. Gain essential skills for powerful system administration and development.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

Unlock the power of the open-source world with Computer Pride's "Linux Course: Master The Open Source Operating System." This intensive, intermediate-level course is meticulously designed to elevate your command-line proficiency and deepen your understanding of the Linux ecosystem. You'll move beyond basic navigation to confidently manage files, users, processes, and network configurations, utilizing essential tools and advanced shell commands that are the bedrock of modern IT infrastructure.

Over two focused hours, you will engage with practical, hands-on modules covering vital concepts from advanced file permissions and process control to fundamental Bash scripting for automation. This course is ideal for IT professionals, aspiring system administrators, and developers looking to solidify their Linux expertise and enhance their ability to work efficiently in server environments, cloud platforms, and development workflows. By mastering these core Linux skills, you will significantly boost your technical resume and be well-prepared for roles requiring robust command-line operations and system management.

Duration	2 hours
Level	Intermediate
Vendor	Linux

COURSE CURRICULUM

01 Module 1: Advanced Shell & File System Mastery

- Review of Linux Architecture and Distributions
- Advanced Command-Line Navigation (find, grep, awk, sed)
- Pipes, Redirection, and Command Chaining for Efficiency
- Understanding the Linux File System Hierarchy
- Advanced File Permissions (chmod, chown, sticky bit, SUID/SGID)

02 Module 2: User, Process & Resource Management

- Managing Users and Groups (useradd, usermod, groupadd, groupdel)
- Process Control and Monitoring (ps, top, kill, nice, renice)
- System Resource Monitoring (free, vmstat, iostat)
- Scheduling Tasks with Cron Jobs

03 Module 3: Software & Network Fundamentals

- Efficient Package Management (apt, yum, dnf commands)
- Basic Network Configuration and Troubleshooting (ip, ifconfig, netstat, ping)
- Secure Remote Access with SSH (ssh client usage, key-based authentication basics)

04 Module 4: Bash Scripting for Automation

- Introduction to Bash Scripting
- Variables, Conditionals (if/else), and Loops (for, while)
- Functions and Handling Command-Line Arguments
- Creating Basic Automation Scripts for Common Tasks

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Junior Linux System Administrator**
- > **DevOps Automation Assistant**
- > **IT Support Specialist (Advanced Linux Environments)**

FREQUENTLY ASKED QUESTIONS

Q: What prior Linux experience is recommended to gain the most from this 2-hour intermediate course?

This course is designed for individuals with foundational Linux knowledge. We recommend having basic familiarity with the command line, including commands like 'ls', 'cd', 'pwd', and 'mkdir'. While we'll briefly review some fundamentals, the course quickly progresses into more advanced topics, so a basic understanding will ensure you get the most out of the intensive two hours.

Q: How will mastering intermediate shell commands and scripting in just 2 hours prepare me for real-world server administration tasks?

This course is a highly focused sprint designed to equip you with critical, immediately applicable skills. You'll learn the core intermediate commands and scripting logic essential for efficient server management, such as user and process control, file system security, and basic task automation. While not an exhaustive certification, it provides a robust practical foundation and accelerates your readiness to handle routine administrative duties and contribute to DevOps environments.

Q: Does this course cover any specific Linux distribution, or are the concepts universally applicable across various flavors?

The concepts and commands taught in this 'Master The Open Source Operating System' course are universally applicable across the vast majority of Linux distributions, including popular ones like Ubuntu, CentOS, Red Hat, and Debian. We focus on core Linux functionalities and POSIX-compliant commands, ensuring that the skills you acquire are transferable and valuable regardless of the specific Linux flavor you encounter in your professional journey.

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.

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