



LINUX TRAINING

Linux Academy

Master advanced Linux system administration and command-line techniques to efficiently manage powerful Linux environments.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

-
- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

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COURSE OVERVIEW

This concentrated 2-hour "Intermediate Linux Academy" workshop at Computer Pride is designed to rapidly enhance your practical Linux system administration skills, building upon foundational knowledge. Focused on immediate applicability, this intensive session will equip you with essential techniques for efficient system management and troubleshooting in real-world Linux environments. You'll dive into critical core technologies such as advanced shell commands, precise file permission controls, and fundamental process management tools, all vital for maintaining stable and secure Linux systems.

Participants will gain hands-on insights into optimizing their command-line proficiency, mastering user and group access, and understanding how to monitor system performance effectively. The professional benefit of this accelerated program is clear: a quick uplift in your ability to manage common Linux server tasks, improving your efficiency and confidence in handling day-to-day administrative challenges. This workshop is perfect for IT professionals seeking a targeted boost to their Linux skillset without a long-term commitment.

Duration	2 hours
Level	Intermediate
Vendor	Linux

COURSE CURRICULUM

01 Module 1: Advanced File & User Permissions

- Understanding umask and default permissions
- Special permissions: SUID, SGID, Sticky Bit explained
- Introduction to Access Control Lists (ACLs) for granular control

02 Module 2: Essential Process Management & Job Scheduling

- Monitoring processes with ps, top, htop
- Controlling processes: kill, killall, pkill
- Automating tasks with cron jobs (scheduling basics)

03 Module 3: Network Diagnostics & System Monitoring Basics

- Basic network configuration verification (ip, ifconfig)
- Troubleshooting connectivity: ping, traceroute
- Monitoring system resources: CPU, Memory with free, df, du

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Junior Linux System Support Engineer**
- > **IT Help Desk Specialist (with Linux focus)**
- > **Network Operations Monitoring Assistant**

FREQUENTLY ASKED QUESTIONS

Q: What specific prerequisites are recommended to maximize my learning in this 2-hour Intermediate Linux Academy workshop?

To get the most out of this intensive 2-hour workshop, participants should already possess a foundational understanding of Linux commands, including basic file system navigation (cd, ls, mkdir), file manipulation (cp, mv, rm), user command execution (sudo), and a general familiarity with the Linux command line interface. This course builds directly on those core concepts.

Q: How will this short "Intermediate Linux Academy" session practically benefit my career as a junior IT professional or help desk specialist?

This workshop is designed to equip you with immediate, actionable skills that are highly valued in entry-level and junior IT roles. You'll learn efficient ways to manage file security, automate routine administrative tasks using cron, and quickly diagnose common system and network issues, making you a more effective and indispensable member of any IT support or operations team.

Q: Will this course cover any specific scripting techniques for automation, or is it purely command-line focused?

While this 2-hour session primarily focuses on enhancing command-line proficiency and understanding core Linux utilities, it includes an introduction to scheduling tasks with cron. This lays a practical foundation for understanding how simple automation can be achieved. Full-fledged shell scripting for complex tasks would be covered in more extensive Linux programs.

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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