



Linux Administration Fundamentals Training

A 2-day intensive workshop on essential Linux system administration

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Training Overview

This intensive 2-day workshop provides a comprehensive introduction to Linux system administration. Designed for IT professionals who want to develop practical Linux skills, this training focuses on hands-on exercises and real-world scenarios to build a solid foundation in Linux administration fundamentals.

Next Session


- Dates: August 12-13, 2026
- Times: 9:00 AM - 5:00 PM each day
- Format: Available in-person or live virtual
- Prerequisites: Basic computer knowledge
- Price: \$995 per participant (includes materials, lunch for in-person attendees, and 30-day follow-up support)

Training Curriculum

Day 1: Linux Fundamentals and System Configuration

Morning Session: Linux Basics and Command Line Mastery - Linux distributions and the Linux ecosystem - Essential command line navigation and file operations - User and group management - Permissions and access controls - Hands-on exercise: Setting up and configuring user environments

Afternoon Session: System Configuration and Management - System initialization and the boot process - Managing services with systemd - Package management across different distributions



- Configuration file structure and management - Hands-on exercise: Installing and configuring essential services

Day 2: System Maintenance and Security

Morning Session: System Monitoring and Maintenance - Performance monitoring tools and techniques - Log files and system troubleshooting - Disk management and file systems - Backup strategies and implementation - Hands-on exercise: System health analysis and optimization

Afternoon Session: Security Fundamentals and Networking - Basic Linux security principles - Securing SSH and remote access - Firewall configuration with iptables/firewalld - Network configuration and troubleshooting - Hands-on exercise: Implementing security best practices

Learning Outcomes

By completing this training, participants will be able to:

- Navigate and use the Linux command line efficiently
- Manage users, groups, and permissions effectively
- Install, configure, and maintain software packages
- Monitor system performance and troubleshoot issues
- Implement basic security measures to protect Linux systems
- Configure network settings and basic services
- Develop a foundation for advanced Linux administration skills

Training Methods

Who Should Attend

This training is ideal for:

- IT professionals transitioning to Linux environments
- Windows administrators seeking Linux skills
- DevOps engineers needing Linux fundamentals
- System administrators requiring formal Linux training
- Technical professionals wanting to enhance their Linux capabilities
- Students preparing for Linux-focused careers

No prior Linux experience is required, though basic IT knowledge is beneficial.

Materials and Resources

Participants will receive:

- Comprehensive digital training manual
- Command reference guide
- Virtual machine templates for practice
- Configuration file examples and templates
- Certificate of completion
- 30 days of post-training email support
- Access to recorded sessions for reference



Instructor

This training is delivered by the CHENIST Team – experienced practitioners who combine deep technical expertise with practical, real-world teaching. Our trainers work on live engagements and bring current industry knowledge directly into the classroom.

Testimonials

Related Offerings

If you're interested in this training, you might also consider:

- Advanced Linux Administration Course - Our comprehensive 10-week course for in-depth learning
- NixOS Security Jumpstart Training - A specialized workshop for security-focused Linux deployment
- Shell Scripting Fundamentals - A complementary course for automation skills

Download

Contact

Interested in this training?

- Email: office@chen.ist
- Web: [Book a free consultation](#)