

CompTIA Linux +

The CompTIA Linux+ course provides the knowledge and preparation to successfully use, administer, and deploy the Linux operating system. This course covers a broad range of topics on Linux including installation, configuration, administration, and troubleshooting. After completion of the course, students are able to install Linux servers in roles such as Web, Mail, DHCP, and DNS servers. Additionally, students will be able to install Linux in workstation roles as well.

Group rates available – Inquire for more details

Duration: 40 hours

Objective

- Planning and Implementation
- Installation
- Configuration
- Administration
- System Maintenance
- Troubleshooting
- Identify, Install and Maintain System Hardware

Audience

The CompTIA Linux+ course is appropriate for anyone who desires a basic understanding of Linux operating systems. The course is ideally suited for intermediate level computer operators, entry level hardware installation coordinators, internet network specialists, or Help Desk Technicians seeking to upgrade their skills sets and further their careers.

Prerequisites

The CompTIA Linux+ course is designed for students who have 6 months of hands on experience with Linux. Ideally, students should have some hands on experience with Linux.

Included Labs

- Installing Red Hat 9.0 Linux
- Editing configuration files
- Creating User Accounts
- File Permissions
- Managing Services
- Troubleshooting Network Issues

Course Content

Module 1: Planning For Linux

- 1-02 The Linux Computer's Role
- 1-08 Planning For Hardware
- 1-16 Planning For Software

Module 2: Installing Linux

- 2-02 Hardware Basics
- 2-08 Installation Methods
- 2-14 Installation Types
- 2-43 Recompiling Kernel
- 2-54 Post-Installation
- Installing Red Hat 9.0 Linux

Module 3: Configuring Linux

- 3-02 Changing OS Options
- 3-12 Configuring Applications
- 3-20 Configuring Services
- Editing configuration files

Module 4: Administering Linux

- 4-02 User and Group Management
- 4-14 File System Management
- 4-30 Managing Access
- 4-37 User Shells
- 4-47 Managing Services
- 4-51 Managing Printing
- Creating User Accounts
- File Permissions
- Managing Services

Module 5: System Maintenance

- 5-02 Understanding System Components
- 5-10 Network Basics
- 5-20 Managing Remote Systems
- 5-35 Managing Security

Module 6: Troubleshooting Linux

- 6-02 Learning to Troubleshoot Linux
- 6-11 Troubleshooting Processes
- 6-13 Troubleshooting Tools
- 6-25 Troubleshooting File System Issues
- 6-28 Common User Issues

- 6-43 Network Issues
- 6-50 Hardware Issues
- Troubleshooting Network Issues