



CompTIA Linux+

Course Duration: 5 Days
Exam Reference: XK0-005

Course Overview

CompTIA Linux+ validates the skills administrators need to secure the enterprise, power the cloud and keep systems running. The new certification ensures that IT professionals, software developers, cybersecurity engineers and penetration testers have these necessary skills to support today's tech systems.

CompTIA Linux+ is the only job-focused Linux certification covering the latest foundational skills demanded by hiring managers. Unlike other certifications, the new exam includes performance-based and multiple-choice questions to identify the employees who can do the job. The exam covers tasks associated with all major distributions of Linux, setting the foundation for advanced vendor/distro-specific knowledge.

Prerequisites

To learn with the Official CompTIA Linux+ Study Guide and prepare for your exam, you need to have the following:

- CompTIA A+ certification
- CompTIA Network+ certification
- Have at least 12 months of Linux admin experience



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Course Objectives

The new version of CompTIA Linux+ covers an evolving job role that focuses more on how Linux powers the cloud. The exam includes cutting edge technologies that help automate and orchestrate business processes, including infrastructure as code and containers.

After reading this text, you will understand how to:

- Perform basic Linux tasks
- Manage users and group
- Manage permissions and ownership
- Manage storage
- Manage files and directories
- Manage kernel modules
- Manage the Linux boot process
- Manage system components
- Manage devices
- Manage networking
- Manage packages and software
- Secure Linux systems
- Write and execute Bash shell scripts
- Automate tasks
- Plan and perform a Linux installation

Course Outline

- Lesson 1: Performing Basic Linux Tasks
- Lesson 2: Managing Users and Groups
- Lesson 3: Managing Permissions and Ownership
- Lesson 4: Managing Storage
- Lesson 5: Managing Files and Directories
- Lesson 6: Managing Kernel Modules
- Lesson 7: Managing the Linux Boot Process
- Lesson 8: Managing System Components
- Lesson 9: Managing Devices
- Lesson 10: Managing Networking
- Lesson 11: Managing Packages and Software
- Lesson 12: Securing Linux Systems
- Lesson 13: Working with Bash Scripts
- Lesson 14: Automating Tasks
- Lesson 15: Installing Linux