CompTIA Linux+ (Exam XK0-005)

COURSE DETAILS

Course Code: CompTIA Linux+
Delivery Type: Instructor-Led
Duration: 5 Days

COURSE CONTENT

CompTIA is a not-for-profit trade association with the purpose of advancing the interests of IT professionals and IT channel organizations; its industry-leading IT certifications are an important part of that mission. CompTIA's Linux+ certification is an intermediate-level certification designed for professionals with at least 12 months of hands-on experience working with Linux servers in a junior Linux support engineer or junior cloud/DevOps support engineer job role. In addition, the knowledge gained in CompTIA's A+, Network+, and Server+ courses, or the equivalent, is strongly recommended.
The CompTIA Linux+ certification exam will verify the successful candidate has the knowledge and skills required to configure, manage, operate, and troubleshoot Linux in on-premises and cloud-based server environments while using security best practices, scripting, containerization, and automation.

COURSE PREREQUISITES

To ensure your success in this course, you should have at least 12 months of hands-on experience working with Linux servers. CompTIA A+, Network+, and Server+ certifications, or the equivalent knowledge, are strongly recommended.

COURSE OBJECTIVES

This course can benefit you in two ways. If you intend to pass the CompTIA Linux+ (Exam XK0-005) certification examination, this course can be a significant part of your preparation. But certification is not the only key to professional success in the field of systems administration. Today's job market demands individuals with demonstrable skills, and the information and activities in this course can help you build your sysadmin skill set so that you can confidently perform your duties in any intermediate-level Linux systems administration role.

On course completion, you will be able to:
- Configure, manage, and troubleshoot Linux systems.
- Operate Linux in both on-premises and cloud-based server environments.
- Implement security best practices.
- Use scripting, containerization, and automation to optimize a Linux system.

COURSE OUTLINE

- Introducing Linux
- Administering Users and Groups
- Configuring Permissions
- Implementing File Management
- Authoring Text Files
- Managing Software

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- Administering Storage
- Managing Devices, Processes, Memory, and the Kernel
- Managing Services
- Configuring Network Settings
- Configuring Network Security
- Managing Linux Security
- Implementing Simple Scripts
- Using Infrastructure as Code
- Managing Containers in Linux
- Installing Linux

WHO SHOULD ATTEND

The Official CompTIA Linux+ (Exam XK0-005) is the primary course you will need to take if your job responsibilities include Linux system administration, installation, and security within your organization. You can take this course to prepare for the CompTIA Linux+ (Exam XK0-005) certification examination.