

CompTIA Linux+ Certification (Exam XK0-006)

Price: 2475

Duration: 5 days

Delivery Methods: Virtual

Overview

This course equips IT professionals with the skills to manage, secure, and troubleshoot Linux systems in cloud and hybrid environments. Through hands-on labs and real-world scenarios, you'll learn automation, orchestration, and container management, preparing your roles such as Linux systems administrator and network engineer. Aligned with Linux+ certification objectives, it ensures you can support critical Linux platforms businesses rely on.

This Course is for...

This course is suited for these roles:

Linux Administrator

Junior Cloud Engineer

Junior DevOps Support Engineer

Technical Support Specialist

Systems Administrator

Network Administrator

Web Administrator/ Developer

Cybersecurity Engineer

Linux Engineer

Objectives

The CompTIA Linux+ certification focuses on essential Linux administration skills for IT professionals. The key learning objectives include:

- **System Management:** Configuring and managing software, storage, processes, and services.
- **Security & Access Control:** Implementing best practices for permissions, authentication, firewalls, and file management.
- **Scripting & Automation:** Creating and executing basic BASH scripts, using version control with Git, and managing orchestration processes.
- **Networking & Troubleshooting:** Analyzing system properties, diagnosing issues, and resolving user, application, and hardware problems

Course Outline

Lesson 1

1. Summarize Linux Fundamentals
2. Manage files and directories
3. Configure and manage storage using the appropriate tools
4. Configure and use the appropriate Processes and services
5. Use the appropriate networking tools or configuration files
6. Build and Install software
7. Manage Software configurations

Lesson 2

1. Use of security best practices in a Linux environment
2. Implement identity management
3. Implement and configure firewalls
4. Configure and execute remote connectivity for system management
5. Apply the appropriate access controls

Lesson 3

1. Create simple shell scripts to automate common tasks
2. Perform basic container operations
3. Perform basic version controlling Git
4. Common infrastructure as a code technology
5. Containers, cloud and orchestration concepts

Lesson 4

1. Analyze and troubleshoot storage issues
2. Analyze and troubleshoot network resource issues
3. Analyze and troubleshoot central processing unit (CPU) and memory issues
4. Analyze and troubleshoot user access and file permissions
5. Use system to diagnose and resolve common problems with Linux system

Course Schedule

Date	Time	Price	Options
06/08/2026	08:00 AM - 04:00 PM CT	2,475.00	Buy Now Enroll
06/29/2026	08:00 AM - 04:00 PM CT	2,475.00	Buy Now Enroll
07/20/2026	08:00 AM - 04:00 PM CT	2,475.00	Buy Now Enroll
08/10/2026	08:00 AM - 04:00 PM CT	2,475.00	Buy Now Enroll
09/07/2026	08:00 AM - 04:00 PM CT	2,475.00	Buy Now Enroll
10/19/2026	08:00 AM - 04:00 PM CT	2,475.00	Buy Now Enroll
12/14/2026	08:00 AM - 04:00 PM CT	2,475.00	Buy Now Enroll

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For questions

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FAQ

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Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to info@toptalentlearning.com to avoid rescheduling penalties.

How do I enroll for this class?

Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

What happens once I purchase a class?

You will receive a receipt and an enrollment confirmation sent to the email you submitted at purchase. Your enrollment email will have instructions on how to access the class. Any additional questions our team is here to support you. Please call us at 469-721-6100.

What is your late policy?

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

What happens when I finish my class?

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.