

CompTIA Linux+ (XK0-005) eLearning Bundle

CompTIA Linux+

EXAM CODES XK0-005

CompTIA Linux+ is a globally recognized certification that validates mastery of the tools and technologies required to manage, secure, optimize, and troubleshoot production Linux systems.

Skills and Competencies Acquired:

- Configure and manage software, storage, network tools and process and services
- Understand best practices for permissions and authentication, firewalls, and file management
- Create simple shell scripts, manage containers and execute basic BASH scripts, version control using Git, and orchestration processes
- Analyze system properties and processes and troubleshoot user, application and hardware issues

Key Differentiators:

- 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.

Stack the odds in your favor with a bundle

Set yourself up for success and save money with a comprehensive training package. Plus, you'll feel confident taking the exam thanks to a bonus exam retake voucher, only available with a bundle.



Purpose of the training

Job Roles:

- Linux Administrator
- Junior Cloud Engineer
- Junior DevOps Support Engineer
- Technical Support Specialist
- Systems Administrator • Network Administrator
- Web Administrator/ Developer •
- Cybersecurity Engineer • Linux Engineer



Benefits of completing the training

1. VALUE (Career Changer/Student)

CompTIA Linux+ validates the skills that modern IT professionals need to secure platforms and systems, power the cloud and keep critical business services running. It is the only foundational job-role-based Linux certification that confirms the most relevant skills demanded by hiring managers.

2. VALUE (Employer)

CompTIA Linux+ ensures candidates have the skills and knowledge required to configure, manage, operate, and troubleshoot Linux on-premises and cloud-based server environments while using best practices around security, scripting, containerization, and automation. It prepares staff to be proactive in securing organizations, scale and improve operations, and contribute to the bottom line.

CompTIA Linux+ meets the Computing Environment (CE) requirement to renew other CompTIA Certifications.



Examination method

What is an Exam Voucher?

A CompTIA exam voucher is a unique code that will enable you to take your exam at an authorized CompTIA Test Service Provider. Exam vouchers are used similar to a gift card. For example, employers often use vouchers to pay for their employees' exams or parents may purchase vouchers for their children.

Exam Voucher Details

- Vouchers are non-refundable and non-returnable.
- One voucher is applicable towards one exam at an authorized CompTIA Test Service Provider.
- All vouchers, including any retakes, are valid for 12 months from the date of purchase unless

otherwise noted.

- You must register and take your exam prior to the voucher expiration date.
- Voucher expiration dates cannot be extended under any circumstances.
- Certification exam retirement dates supersede voucher expiration dates. CompTIA may retire certifications and corresponding exams prior to voucher expiration dates.
- Visit the CompTIA website for certification exam information, including exam launch and retirement dates.
- Vouchers are country and currency restricted.
- CompTIA and the participating test providers are not responsible for lost or stolen vouchers.
- Vouchers cannot be redeemed for cash or credit.
- CompTIA vouchers may not be resold.

Exam Retake Details

- For voucher purchases that include a retake, if you fail the exam on your first attempt use the same voucher to register and retake the exam.
- All vouchers, including any retakes, expire 12 months from the date of purchase, unless otherwise noted.
- The retake is only valid for the same exam version that you failed. You cannot use the retake for a different version of the exam.

Additional Order Information

- Order information will be emailed within 3 – 4 hours from purchase.
- You will receive two emails. The first email will be your order confirmation and the second email will include your exam voucher, the voucher expiration date and voucher terms and conditions. Check your spam, junk and promotional folders.



Exam description

Exam Codes: XK0-005

Launch Date: July 12, 2022

Exam Description: 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.

Number of Questions: Maximum of 90 questions

Type of Questions: Multiple-choice and performance-based

Length of Test: 90 Minutes

Passing Score: 720 (on a scale of 100 to 900)

Recommended Experience: 12 months of hands-on experience working with Linux servers. CompTIA A+, Network+ and Server+ recommended.

Languages: English

Retirement: TBD - Usually three years after launch

Testing Provider: Pearson VUE



Expected Listener Preparation

Knowledge at the level of CompTIA A+ training or certification. 6 - 12 months of experience working with Linux systems is preferred but not required.



Training Language

Language: English

Materials: English

Training Includes

What's included:

- Exam Voucher + Retake
- CertMaster Learn + Labs
- Once redeemed, this bundle will be valid for 12 months
- Access keys must be redeemed within 12 months of purchase
- This is single user license and may not be shared

Duration

1 days / 1 hours

Training agenda

What is CertMaster Learn integrated with CertMaster Labs?

CertMaster Learn is a comprehensive eLearning experience that helps learners gain the knowledge and practical

skills necessary to be successful on CompTIA certification exams, and in their IT career. A Learning Plan helps learners stay on track with your studies, while robust analytics bring awareness of strengths and weaknesses. CertMaster Labs make it easy for learners to practice and apply their skills in real workplace scenarios in preparation for the certification exam. All lab activities use real equipment and software, offer feedback and hints, and provide a score based on learner inputs, ultimately guiding learners to the most correct and efficient path through job tasks.

In the integrated experience, CertMaster Labs are integrated as Study Tasks within the CertMaster Learn Learning Plan, accessible through a single login and seamless workflow.

- Lessons cover all exam objectives with integrated videos
- Hundreds of practice questions test your knowledge
- Performance-based questions apply what you've learned in a scenario
- Assisted Labs guide you step-by-step through tasks
- Applied Labs present goal-oriented scenarios and require critical thinking and analysis
- Flashcards ensure you know the terminology and acronyms required for the exam
- The Learning Plan keeps you on track with your studies

Topics Covered

- Lesson 1: Introducing Linux
- Lesson 2: Administering Users and Groups
- Lesson 3: Configuring Permissions
- Lesson 4: Implementing File Management
- Lesson 5: Authoring Text Files
- Lesson 6: Managing Software
- Lesson 7: Administering Storage
- Lesson 8: Managing Devices, Processes, Memory, and the Kernel
- Lesson 9: Managing Services
- Lesson 10: Configuring Network Settings
- Lesson 11: Configuring Network Security
- Lesson 12: Managing Linux Security
- Lesson 13: Implementing Simple Scripts
- Lesson 14: Using Infrastructure as Code
- Lesson 15: Managing Containers in Linux
- Lesson 16: Installing Linux

Labs Available:

- Assisted Lab: Exploring the Lab Environment
- Assisted Lab: Basic Linux Interaction
- Assisted Lab: Manage User Accounts
- Assisted Lab: Manage Group Accounts
- Assisted Lab: Configure and troubleshoot privilege escalation
- Assisted Lab: Configure Standard Permissions
- Assisted Lab: Configure Special Permissions
- Assisted Lab: Configure ACLs

- Assisted Lab: Troubleshoot permissions
- APPLIED LAB: Identity and Access Control
- Assisted Lab: Manage File Links
- Assisted Lab: Use File Management Commands
- Assisted Lab: Search for Files
- Assisted Lab: Edit Text Files
- Assisted Lab: Backup, Restore, and Compress Files
- Assisted Lab: Manage RPM Packages
- Assisted Lab: Manage DEB Packages
- Assisted Lab: Compile a Program
- Assisted Lab: Download Files From a Web Server
- APPLIED LAB: File and software management
- Assisted Lab: Deploy Storage and LVM
- Assisted Lab: Manage Processes
- Assisted Lab: Manage Services
- Assisted Lab: Deploy Services
- Assisted Lab: Configure Network Settings
- Assisted Lab: Configure Remote Administration
- Assisted Lab: Troubleshoot Network Configurations
- APPLIED LAB: System Management
- Assisted Lab: Configure a Firewall
- Assisted Lab: Intercept Network Traffic
- Assisted Lab: Harden a Linux System
- Assisted Lab: Verify file integrity by using hashes.
- Assisted Lab: Configure SELinux
- APPLIED LAB: Security
- Assisted Lab: Manage Scripts
- Assisted Lab: Configure a System with Ansible
- Assisted Lab: Manage Version Control with Git
- Assisted Lab: Deploy Docker Containers
- Assisted Lab: Manage GRUB2
- Assisted Lab: Deploy a Linux System
- APPLIED LAB: Scripting, Orchestration, Installation

License Information

- One license provides access to CertMaster Learn for Linux+ (XK0-005) with CertMaster Labs integrated throughout the course
- Once activated, the license is valid for 12 months

How to Access CertMaster Learn integrated with CertMaster Labs

An access key and instructions will be sent via email after your purchase is complete.