

Product Profile: Linux+

Overview

CompTIA Linux+ validates the competencies required of an early career systems administrator supporting Linux systems.

It certifies the successful candidate has the knowledge and skills required to configure, manage, operate, and troubleshoot Linux server environments while using security best practices, scripting, containerization, virtualization, and automation.

Critical to help secure and manage diverse Linux systems, coupled with other certifications/experience, Linux+ sets a foundation for future professional roles such as Linux systems administrator, Cloud Administrator, DevOps Engineer, and Cybersecurity analyst.

CompTIA Linux+ is compliant with ISO 17024 standards and aligns to the U.S. DoD to meet Directive 8140.03M requirements. Regulators and governments rely on certifications that are **ISO 17024 accredited by the ANSI National Accreditation Board because it provides confidence and trust in the outputs of an accredited program**

CompTIA Linux+ aligns to one DCWF and NICE work role used by U.S. DoD Directive 8140.03M and the NICE framework.

- DCWF ID - Systems Administrator - 451
- NICE Work Role ID- Systems Administrator - OM-ADM-001

Key Features

Training Delivery Options

- Private Cohort
- Self-Paced
- Mentor Learning
- Instructor-Led Training

Course Pacing Options

- 5 Days
- 8 Weeks
- 16 Weeks
- Custom Pacing Options

Available Product Options

- CertMaster Perform
- CertMaster Learn
- CertMaster Lab
- CertMaster Practice

Key Audiences

This **certification** is designed for an early-career systems administrator supporting Linux systems.

Job roles that Linux+ maps to:

- System Administrator
- Cybersecurity Analyst
- DevOps Engineer

Prerequisite Experience

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

Well-Paying Positions

The average annual salary for Network and Systems Administrator job roles are \$90,000.

* CompTIA analysis of BLS and Lightcast data

Lesson Outline - CertMaster Perform

1.0 Identifying Basic Linux Concepts
2.0 Administering Users and Groups
3.0 Configuring Permissions
4.0 Implementing File Management
5.0 Authoring Text Files
6.0 Deploying Software
7.0 Administering Storage
8.0 Managing the Linux Kernel and Devices

9.0 Maintaining Services
10.0 Configuring Network Settings
11.0 Securing a Linux System
12.0 Installing Linux
13.0 Scripting with Bash and Python
14.0 Managing Containers in Linux
15.0 Automating Infrastructure Management
A.0 Linux+ XK0-006 Practice Exams

Example Learning Product Uses

- **CertMaster Perform** to provide the complete experience of concept instruction, hands-on mastery with tasks on real machines, and assessments.
- **CertMaster Learn** to fill gaps in knowledge and teach crucial concepts, with assessments and some hands-on mastery of critical skills.
- **CertMaster Labs** provides hands-on mastery of critical IT support tasks on real machines and networks.
- **CertMaster Practice** provides certification exam readiness and personalized feedback on practice questions.

Exam Details

- Exam Code: CompTIA Linux+ (XK0-006)
- Launch: July 15, 2025
- Number of Questions: Maximum of 90 per exam
- Types of Questions: Multiple choice and performance based
- Length of Test: 90 minutes per exam
- Passing Score: 720 (on a scale of 900)
- Languages: English

Exam Domains

- System Management - 23%
- Services and User Manager - 20%
- Security - 18%
- Automation, Orchestration, and Scripting - 17%
- Troubleshooting - 28%

Learner Outcomes

Upon successful completion of the certification for CompTIA Linux+, learners validate that they have the skills needed to install, configure, operate, and troubleshoot the Linux operating system in a professional IT environment. They become proficient in key command-line tools and utilities, system administration, networking, security, software management, and user controls.

This certification validates a learner's readiness for job roles such as Systems administrator, Cybersecurity Analyst, and DevOps Engineer. Careers with strong demand and competitive salaries.

Earning CompTIA Linux+ proves foundational knowledge and hands-on ability, empowering learners to pursue or advance IT careers where Linux expertise is required.