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CompTIA Linux+ Training

CompTIA Authorized Training · Applied Technology Academy

The new CompTIA Linux+ is for the IT pro who will use Linux to manage everything from cars and smartphones to servers and supercomputers as a vast number of enterprises use Linux in cloud, cybersecurity, mobile, and web administration applications. 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.

LEVEL	DURATION	EXAM	EXPERIENCE	AVERAGE SALARY
Beginner	**5 Days**	**XK0-005**	**12 months: Linux servers**	**$70,120**

Course Overview

CompTIA Linux+ covers common tasks in major distributions of Linux, including the Linux command line, basic maintenance, installing and configuring workstations, and networking.

The Official CompTIA® Linux+® courseware builds on your existing experience with systems operations and administration to provide you with the knowledge and skills required to configure, manage, operate, and troubleshoot a Linux+ training environment by using security best practices, scripting, and automation. This course will also prepare you for the Exam XKO-005.

In this course, you will configure, operate, and troubleshoot Linux systems.

You will:

- Perform basic Linux tasks
- Manage users and groups
- 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

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- 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**

Intended Audience

- Who should attend?
- Linux Administrator
- Network Administrator
- Technical Support Specialist
- Web Administrator
- Systems Administrator
- IT Specialists
- Software Developers
- Security Engineers
- Penetration Testers
- Those wanting to learn more about Linux operating systems

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Prerequisites

To ensure your success in this course, you should have at least foundational experience with general systems administration procedures, some hands-on exposure to one or more Linux distributions, as well as knowledge of computing hardware and basic networking and cybersecurity concepts.

You can obtain this level of skills and knowledge by taking the following official CompTIA courses:

- The Official CompTIA® A+® Core 1 and 2 (Exams 220-1201 and 1101-1102)
- The Official CompTIA® Network+® (Exam N10-009)
- The Official CompTIA® Security+® (Exam SY0-701)

Follow-On Courses

- CompTIA PenTest+
- CompTIA Cloud+
- Linux Kernel Internals
- Linux and C++ Reverse Engineering

Ready to enroll? Call 800.674.3550 or email Info@AppliedTechAc.com — private team cohorts, GSA MAS purchasing, military credentialing funding, VA GI Bill and VR&E and student financing available.