

CompTIA Linux+

Duration: 365 Days **Course Code: G016** **Version: XK0-005** **Delivery Method: Elearning**
(Self-paced)

Overview:

CompTIA Linux+ validates the skills of IT professionals with hands-on experience configuring, monitoring, and supporting servers running the Linux operating system. The new exam has an increased focus on the following topics: security, kernel modules, storage & virtualization, device management at an enterprise level, git & automation, networking & firewalls, server side & command line, server (vs. client-based) coverage, troubleshooting and SELinux.

e-Learning

Interactive self-paced content that provides flexibility in terms of pace, place and time to suit individuals and organisations. These resources also consist of online books, educational podcasts and vodcasts, and video-based learning.

Target Audience:

Linux Administrator Network Administrator Technical Support Specialist Web Administrator Systems Administrator

Objectives:

- **Hardware & System Configuration**
 - Configure kernel modules, network parameters, storage, cloud and virtualization technologies
- **Linux Troubleshooting & Diagnostics**
 - Analyze system properties and processes and troubleshoot user, application and hardware issues
- **System Operation & Maintenance**
 - Manage software and services, and explain server roles, job scheduling, and the use and operation of Linux devices
- **Automation & Scripting**
 - Execute basic BASH scripts, version control using Git, and orchestration processes
- **Security**
 - Understand best practices for permissions and authentication, firewalls, and file management.

Prerequisites:

CompTIA A+, CompTIA Network+ and 12 months of Linux admin experience

Testing and Certification

- Number of Questions: Maximum of 90 questions
- Type of Questions: Performance-based, Multiple Choice (Single Response), Multiple Response and Fill-in-the-Blank
- Length of Test: 90 Minutes
- Passing Score: 720 (on a scale of 100 to 900)
- Recommended Experience: CompTIA A+, CompTIA Network+ and 12 months of Linux admin experience
- Languages: English, Japanese, Portuguese and Spanish
- Retirement: TBD - Usually three years after launch

Content:

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| ■ Lesson 1: Performing Basic Linux Tasks | ■ Lesson 6: Managing Kernel Modules | ■ Lesson 11: Managing Packages and Software |
| ■ Lesson 2: Managing Users and Groups | ■ Lesson 7: Managing the Linux Boot Process | ■ Lesson 12: Securing Linux Systems |
| ■ Lesson 3: Managing Permissions and Ownership | ■ Lesson 8: Managing System Components | ■ Lesson 13: Working with Bash Scripts |
| ■ Lesson 4: Managing Storage | ■ Lesson 9: Managing Devices | ■ Lesson 14: Automating Tasks |
| ■ Lesson 5: Managing Files and Directories | ■ Lesson 10: Managing Networking | ■ Lesson 15: Installing Linux |
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Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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