

CompTIA Linux+

Duration: 5 Days **Course Code: G016** **Version: XK0-005** **Delivery Method: Virtual Learning**

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.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

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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