CompTIA Linux+

Duration: 5 Days   Course Code: G016   Version: XK0-005

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.

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:

- 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

Further Information:

For More information, or to book your course, please call us on Head Office Tel.: +974 40316639

training@globalknowledge.qa

www.globalknowledge.com/en-qa/

Global Knowledge, Qatar Financial Center, Burj Doha,Level 21, P.O.Box 27110, West Bay, Doha, Qatar