



## **CompTIA Linux+ Instructor-Led Training**

The use of Linux in the technology world has become very vast and necessary too. From security purpose to smooth experience, companies prefer Linux nowadays for their application and other information management tools.

This course will train the candidate to have a clear picture and concepts for the same to become eligible for dealing with new updates in the technology.

### **About this training**

- **Study Material:-** 24\*7 Lab Access, Live lectures of Training, Streaming Recorded Videos, Online Lab Workbook, and Remote Virtual Lab access.
- **Duration:- 1 month**

### **What you will learn?**

- Configuration, monitoring and supporting the servers for Linux Operating System.
- Security setups
- Kernel Modules
- Git & Automation
- Firewalls installing and troubleshoot
- SELinux
- Virtualization
- Device management

### **Certification**

XK0-004 CompTIA Linux

### **About Instructor**

The Course is designed by UniNets CompTIA Linux+ expert to deliver the core concepts of this course from scratch to advanced level. The instructor has the experience of more than 15 years in the industry as well as trainer. Under his guidance, many candidates managed to qualify the examination even at first attempt.

### **Course Content**

- Performing Basic Linux Tasks
  - Identify the History and Development of Linux
  - Enter Shell Commands
  - Get Help Using Linux
  - Start and Stop Linux

- **Managing User and Group Accounts**
  - Create User and Group Accounts
  - Configure User Profiles
  - Administer User and Group Accounts
  
- **Managing Partitions and the Linux Filesystem**
  - Create Partitions
  - Navigate Through the Linux Filesystem
  - Manage the Filesystem
  - Maintain the Filesystem
  
- **Managing Files in Linux**
  - Create and Edit Text Files
  - Locate Files
  - Search Text Using Regular Expressions
  - Apply Filters to Text Streams
  - Link Files
  - Back Up and Restore Files
  - Manage Databases Using MariaDB
  
- **Managing Linux Permissions and Ownership**
  - Modify File and Directory Permissions
  - Modify Default Permissions
  - Modify File and Directory Ownership
  - Set Special Permissions and Attributes
  
- **Printing Files**
  - Configure a Local Printer
  - Print Files
  - Configure Remote Printing
  
- **Managing Packages**
  - Manage Packages Using RPM
  - Verify Packages
  - Upgrade Packages
  - Configure Repositories
  - Manage Packages Using YUM
  - Advanced Package and Application Management
  
- **Managing Kernel Services**
  - Explore the Linux Kernel
  - Customize Kernel Modules
  - Create an initrd Image
  - Manage Device Drivers and Hardware Devices
  - Monitor Processes and Resources
  
- **Working with the Bash Shell and Shell Scripts**
  - Perform Basic Bash Shell Operations
  - Write a Bash Shell Script
  - Customize the Bash Shell
  - Redirect Standard Input and Output
  - Use Control Statements in Shell Scripts

- Managing Jobs and Processes
  - Manage Jobs and Background Processes
  - Manage Processes Using the Process Table
  - Delay and Detach Jobs
  - Schedule Jobs
  - Maintain the System Time
- Managing System Services
  - Configure System Services
  - Monitor System Logs
  - Configure Security-Enhanced Linux (SELinux)
- Configuring Network Services
  - Connect to a Network
  - Configure Routes
  - Configure Client Network Services
  - Manage Remote Network Systems
- Configuring Basic Internet Services
  - Configure Email Services
  - Control Internet Services
- Securing Linux
  - Implement Basic System Security
  - Secure User Accounts
- Managing Hardware
  - Identify Common Hardware Components and Resources
  - Configure Removable Hardware
  - Configure Disk Quotas
- Troubleshooting Linux Systems
  - Troubleshoot System-Based Issues
  - Troubleshoot Hardware Issues
  - Troubleshoot Network Connection and Security Issues
- Installing Linux
  - Prepare for Installation
  - The Linux Boot Process
  - Configure GRUB
  - Install the Operating System
- Configuring the GUI
  - Implement X
  - Customize the Display Manager
  - Enable Accessibility Settings in Linux

**Note:** \*\*\*Most of the course topics are covered with hands-on lab exercises and others are theoretical

**Thank You  
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