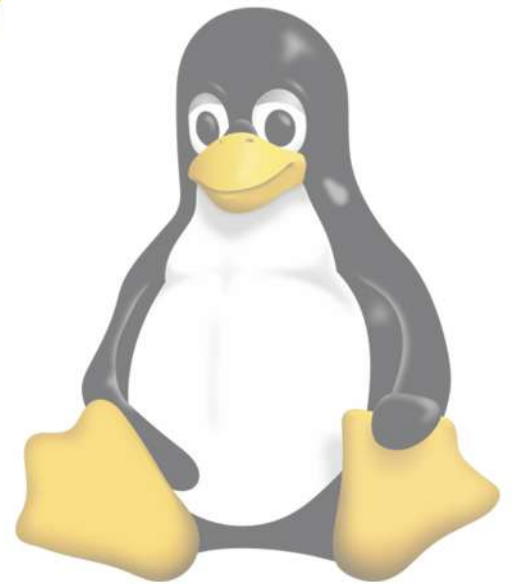




**CompTIA
Linux+**



Online Course



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Course Modules

CompTIA®

1. Intro & Performing Basic Linux Tasks

- Instructor Introduction
- Course Introduction
- Identify The Linux Design Philosophy
- Enter Shell Commands
- Shell Commands Activity
- Get Help with Linux



2. Managing Users and Groups

- Assume Superuser and Groups
- Create, Modify, and Delete Users
- Create, Modify, and Delete Groups
- Query Users and Groups
- Configure Account Profiles

3. Managing Permissions and Ownership

- Modify File and Directory Permissions
- Modify File and Directory Ownership
- Configure Special Permissions and Attributes
- Troubleshoot Permissions Issues

4. Managing Storage

- Create Partitions
- Manage Logical Volumes
- Mount File Systems
- Manage File Systems
- Navigate the Linux Directory Structure
- Troubleshoot Storage Issues



5. Managing Files and Directories

- Create and Edit Text Files
- Search for Files
- Perform Operations on Files and Directories
- Process Text Files
- Manipulate File Output

6. Managing Kernel Modules

- Explore the Linux Kernel
- Install and Configure Kernel Modules
- Monitor Kernel Modules

7. Managing the Linux Boot Process

- Configure Linux Boot Components
- Configure GRUB

8. Managing System Components

- Configure Localization Options
- Configure GUIs
- Manage Services
- Troubleshoot Process Issues
- Troubleshoot CPU and Memory Issues



9. Managing Devices

- Identify the Types of Linux
- Configure Devices
- Monitor Devices
- Troubleshoot Hardware Issues

10. Managing Networking

- Identify TCP/IP Fundamentals
- Identify Linux Server Roles
- Connect to a Network
- Configure DHCP and DNS Client Services
- Configure Cloud and Virtualization Technologies
- Troubleshoot Networking Issues

11. Managing Packages and Software

- Identify Package Managers
- Manage RPM Packages with YUM
- Manage Debian Packages with APT
- Configure Repositories
- Acquire Software
- Build Software from Source Code
- Troubleshoot Software Dependency Issues



12. Securing Linux Systems

- Implement Cybersecurity Best Practices
- Implement Identity and Access Management Methods
- Configure SELinux or AppArmor
- Configure Firewalls
- Implement Logging Services
- Back Up, Restore, and Verify Data

13. Working with Bash Scripts

- Customize the Bash Shell Environment
- Identify Scripting and Programming Fundamentals
- Write and Execute a Simple Bash Script
- Incorporate Control Statements in Bash Scripts

14. Automating Tasks

- Schedule Jobs
- Implement Version Control Using Git
- Identify Orchestration Concepts

15. Installing Linux

- Prepare for Linux Installation
- Perform the Installation



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REMOTELY!!**

The efficiency of online learning in terms of time management, flexibility, and the ability to access resources anytime, anywhere can be compelling.



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