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Learning Style: On Demand

Technology: Linux Foundation

Difficulty: Beginner

Course Duration: 40 Hours

Linux for Cloud Technicians Essentials (LFS203)



About This Course:

Linux and cloud are two of the most in-demand IT skills. This course provides essential knowledge for configuring and managing Linux systems and containers, expanding on the standard administration knowledge and incorporating critical tasks and operations commonly used in cloud environments. Whether you're looking for training to help start a new Linux IT career, or you're just brushing up on your skills, this online self-paced course will teach you what you need to know.

Course Objectives:

- You will have the opportunity to manage networking, system services, user account creation and administration, and much more; you will also familiarize yourself with virtualization, containers, and DevOps concepts; and gain important skills, like text file processing, file operations, bash scripting, use of git, troubleshooting, etc., which will come in handy when administering multiple systems in the cloud efficiently.

Audience:

- This course is designed for individuals who want to expand their knowledge of Linux system configuration, administration, and command line environment. Whether you are working in a cloud environment now or in the future, these skills are necessary for system use and configuration. Learners will benefit from having a basic knowledge of Linux before taking this course

Prerequisites:

- None

Course Outline:

- Chapter 1. Course Introduction
- Chapter 2. System Configuration from the Graphical Interface
- Chapter 3. Boot Process and System Initialization
- Chapter 4. Command-line Operations
- Chapter 5. User Accounts and Environment
- Chapter 6. Text Operations
- Chapter 7. File Operations
- Chapter 8. Bash Shell Scripting
- Chapter 9. Networking
- Chapter 10. Working with Linux Filesystems
- Chapter 11. Virtualization Overview

- Chapter 12. Containers Overview
- Chapter 13. Basic Troubleshooting
- Chapter 14. Introduction to Git
- Chapter 15. Using Git: An Example
- Chapter 16. DevOps and GitOps