

LFS211 - Linux Networking and Administration

Modality: Self-Paced Learning

Duration: 40 Hours

SATV Value:

CLC:

NATU:

SUBSCRIPTION: Learn, Master

This course is for professionals planning to enroll in the LFCE Exam leading to the LFCE Certification. The official exam voucher is not included in this course. However, the official exam voucher can be purchased separately on request.

About this Course:

This is an intermediate-level comprehensive online course encompassing 80+ Practical Labs and is designed to nurture the skills and knowledge required to pursue a career as a Linux System Engineer. The primary objective of this course is to train and prepare candidates for success in the Linux Foundation Engineer Certified Engineer (LFCE) Exam.

Linux is the leading operating system for web servers, consumer electronics, smartphones, and cloud computing. The continuous growth and expansion of the IT industry have created a drought of Linux System Operators. Businesses are direly in need of proficient Linux Professionals who can streamline Linux System Operations by effective networking and administration. A Linux Administrator earns \$68,095 annually and can easily secure a highly reputable job.

This course helps professionals develop the skills needed to perform Linux System Engineer's Roles and Responsibilities and helps professionals earn the LFCE Certification. This self-paced training program presents professionals and interested candidates with an incredible opportunity to learn the core concepts of Linux Administration & Networking.

Course Objectives:

The core objective of this course is to help professionals develop a better understanding and sound knowledge of the following key concepts:

- Maintaining, Developing, & Deploying a Linux Networking System
- Networking Service Administration Essentials & Methodology
- Developing and Operating a Linux Distribution Network
- Secure Network Interfaces Configuration & Methods
- Configuration and Implementation of a File, Email, Web, and Naming Servers

Audience:

- Professionals who want to learn Advanced Networking and System Administration
- Professionals preparing for Linux Foundation Certified Engineer Examination

Prerequisites:

Professionals planning to enroll in the LFS211 (Linux Networking and Administration) course must have familiarity with the core concepts of the Essentials of Linux System Administrator (LFS201) course.

Course Outline:

Session 1: Introduction

Session 2: Linux Networking - Concepts and Review

Session 3: Network Configuration

Session 4: Network Troubleshooting and Monitoring

Session 5: Remote Access

Session 6: Domain Name Service

Session 7: HTTP Servers

Session 8: Advanced HTTP Servers

Session 9: Email Servers

Session 10: File Sharing

Session 11: Advanced Networking

Session 12: HTTP Caching

Session 13: Network File Systems

Session 14: Introduction to Network Security

Session 15: Firewalls

Session 16: Virtualization Overview

Session 17: High Availability

Session 18: System Log

Session 19: Package Management