

# **LFS101 - Introduction to Linux**

**Modality: On Demand**

**Duration: 60 Hours**

## ***About this course:***

Linux is a strong operating system, as it powers 94% of the world's supercomputers. Most of the servers from these are powering the internet, maximum of the financial trades worldwide, more than billion Android devices. In short, Linux is everywhere. Linux appears in many different forms, like mainframes and servers, from desktop to mobiles, and on a wide array of hardware.

In terms of career and scope, it has been noticed that 97 percent of the hiring managers prefer the talent consisting of Linux expertise relative to other skills grounds in the next six months. While, 44 percent of the hiring managers say that they will give priority to the candidates having expertise and certification in Linux.

In order to cater to these demands of the market, this course has been designed with keeping in view all the market requirements regarding Linux expertise. The course expands upon the different methods and features used generally by the Linux administrators and end users to attain their daily tasks in the Linux environment. This course has been designed for the experienced users of computer, but they have never had any experience in working with Linux and have little to no knowledge about it. It is made for all type of users, whether they are working in an individual or Enterprise environment.

When you will complete this training, you will have sufficient amount of knowledge and expertise on Linux, from both graphical and command line point of view. This will enable you to traverse through any of the main Linux distributions. By taking this course, you will be eligible to make advancements as either a user, system administrator or a developer, by using the learned skills and acquired knowledge.

Join the 250,000+ students who have already been registered in this class and begin your successful Linux journey.

On average, a Linux System Administrator earns \$70,057 per annum.

## ***Learning objectives:***

The course has the following learning objectives:

- Gaining sound knowledge of Linux
- Ways of traversing through important Linux distributions
- Learning system configurations and graphical interface of Linux
- Understanding basic command line operations
- Training in general applications of Linux

## ***Audience:***

The course is suitable for and designed for Linux administrators.

## ***Requirements:***

No prior requirements.

## **Course Outline:**

- Chapter 1: The Linux Foundation
- Chapter 2: Linux Philosophy and Concepts
- Chapter 3: Linux Basics and System Startup
- Chapter 4: Graphical Interface
- Chapter 5: System Configuration From The Graphical Interface
- Chapter 6: Common Applications
- Chapter 7: Command Line Operations
- Chapter 8: Finding Linux Documentation
- Chapter 9. Processes
- Chapter 10: File Operations
- Chapter 11: Text Editors
- Chapter 12: User Environment
- Chapter 13: Manipulating Text
- Chapter 14: Network Operations
- Chapter 15: The Bash Shell and Basic Scripting
- Chapter 16: More on Bash Scripting
- Chapter 17: Printing
- Chapter 18: Local Security Principles
- Final Exam