

COURSE OVERVIEW

Course Name:
(XKO-005)
CompTIA Linux+

COURSE DURATION: 5 Day

Gauteng:

3rd Floor, 34 Whitely Road
Melrose Arch
Johannesburg
2196

Gauteng:

192 on Bram
192 Bram Fischer Drive
Ferndale, Randburg
Johannesburg
2160

Cape Town:

3rd Floor, Thomas Pattullo Building
19 Jan Smuts St
Cape Town
8000

Durban:

9 Mountview Close
Broadlands
Mount Edgecombe
Durban
4302



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INTRODUCTION

The CompTIA Linux+ Powered by LPI course builds on individuals existing user-level knowledge and experience with the Linux operating system to present fundamental skills and concepts that they will use on the job in any type of Linux career.

This course can benefit you in two ways. If your job duties include Linux troubleshooting, installation, or maintenance, or if you are preparing for any type of Linux-related career, it provides the background knowledge and skills you will require to be successful.

DELIVERY METHOD

Our courses have flexible delivery options:

- In-person classroom training at the Impactful training facilities
 - Johannesburg, Durban, Cape Town
- Virtual instructor-led training
- Nationally: on-site at the client



IMPACTFUL
Powered by LRMG

INTENDED AUDIENCE

This course is aimed at IT professionals who operate in Linux environments or wish to learn about the Linux operating systems. This includes, but is not limited to the following audience:

- Junior Linux Administrator
- Junior Network Administrator
- Systems Administrator
- Linux Database Administrator

PREREQUISITES

This course is intended for entry-level professionals with basic knowledge of computer hardware, software, and operating systems, who wish to increase their knowledge and understanding of Linux concepts and skills to prepare for a career in Linux support or administration, or to prepare for the CompTIA Linux+ certification examinations. A typical student in this course should have at least 6 to 12 months of Linux experience.

COURSE OBJECTIVES

After completing this course, students will be able to:

- Identify basic Linux concepts and perform basic Linux tasks
- Manage user and group account
- Manage partitions and the Linux file system
- Manage various files in Linux
- Work with Linux permissions and ownership
- Print files
- Manage packages
- Manage kernel services
- Work with the Bash shell and shell scripts
- Manage jobs and processes
- Manage system services
- Configure network services
- Configure basic Internet services
- Implement measures to secure a Linux system
- Manage hardware associated with Linux systems
- Troubleshoot Linux system issues.
- Install the Linux operating system
- Configure the GUI

COURSE CONTENT

Lesson 1: Performing Basic Linux Tasks
Lesson 2: Managing User and Group Accounts
Lesson 3: Managing Partitions
Lesson 4: Managing Files in Linux
Lesson 5: Managing Linux Permissions and Ownership
Lesson 6: Printing Files
Lesson 7: Managing Packages
Lesson 8: Managing Kernel Services
Lesson 9: Working with the Bash Shell and Shell Scripts
Lesson 10: Managing Jobs and Processes
Lesson 11: Managing System Services
Lesson 12: Configuring Network Services
Lesson 13: Configuring Basic Internet Services
Lesson 14: Securing Linux
Lesson 15: Managing Hardware

ASSOCIATED CERTIFICATION AND EXAM

This course will prepare delegates to write the CompTIA Server+ (XK0-005) exam.