LP-LE

LINUX ESSENTIALS

DURATION	LEVEL	TECHNOLOGY	DELIVERY METHOD	TRAINING CREDITS
3 Days	Foundation	Linux OS & Command Line Skills	Instructor Led	NA

INTRODUCTION

Linux adoption continues to rise world-wide as individual users, government entities and industries ranging from automotive to space exploration embrace open source technologies. This expansion of open source in enterprise is redefining traditional Information and Communication Technology (ICT) job roles to require more Linux skills.

Whether you are starting your career in Open Source or looking for advancement, independently verifying your skills set can help you stand out to hiring managers or your management team. The entry-Level Linux Essentials course is a great way to show that you have the foundational skills required for your next job or promotion. It also serves as an ideal stepping-stone to the more advanced LPIC professional courses such as LPIC1, LPIC2 and LPIC-3.

AUDIENCE PROFILE

This course is aimed at anyone looking to gain an understanding of Linux and computing at entry level.

PREREQUISITES

Delegates attending this course must have:

Basic computer skills, such as how to use a keyboard and how to work with a removable media such as Flash Drives.

COURSE OBJECTIVES

To receive the Linux Essentials Certificate the candidate must:

− Have an understanding of the Linux and open source industry and knowledge of the most popular open source
− applications;
− Understand the major components of the Linux operating system, and have the technical proficiency to work on the
− Linux command line
− Working basic wired and wireless network configurations.
− Have a basic understanding of security and administration related topics such as user/group management, working on the command line, and permissions.

COURSE CONTENT

Module 1: The Linux Community and a Career in Open Source
− Linux Evolution and Popular Operating Systems
− Major Open Source Applications
− Open Source Software and Licensing
− ICT Skills and Working in Linux

Module 2: Finding Your Way on a Linux System
− Command Line Basics
− Using the Command Line to Get Help

− Using Directories and Listing Files
− Creating, Moving and Deleting Files

Module 3: The Power of the Command Line
− Archiving Files on the Command Line
− Searching and Extracting Data from Files
− Exploring Processes and Process Data
− Turning Commands into a Script

Module 4: The Linux Operating System
− Choosing an Operating System
− Understanding Computer Hardware
− Where Data is Stored
− Your Computer on the Network

Module 5: Security and File Permissions
− Basic Security and Identifying User Types
− Creating Users and Groups

–	Managing File Permissions and Ownership	–	Special Directories and Files

ASSOCIATED CERTIFICATIONS & EXAM

This course will prepare delegates to write the LPI Linux Essentials Exam 010-160. Successfully passing this exam will result in the attainment of the LPIC Linux Essentials Entry Level Certificate. Upon successful completion of this course, delegates will receive a course attendance certificate.

Candidates wishing to write the LPI exam, must register online to receive the LPI identification number before enrolling for the exam. This identification number must be presented at our exam centres together with the booking form. Registration is free of charge and is completed on the LPI website.