

LINUX Advanced System Administration (LPI)

5 days

Delegates:

System Administrators and Programmers who need to acquire advanced administration knowledge of the key administrative, networking and security tasks required on Linux within the Enterprise.

Targeted to closely follow the official LPI curriculum, this course together with the Linux Essentials and the Linux System Administration course will enable the delegate to work towards achieving the LPIC-1 and LPIC-2 qualifications.

Objectives:

On completion of this course delegates will have in-depth technical knowledge of what is required to administer Linux within the Enterprise. They will have gained practical experience of configuring administrative, networking and security aspects of a Linux Enterprise system to an advanced level.

Delegates will also gain some of the key skills required to work towards achieving the LPIC-1 and LPIC-2 certification status. Together with the Linux Essentials and the Linux System Administration course, this course is suitable for delegates intending to sit the LPI 101, LPI 102, LPI 201 and LPI 202 examinations.

Topics Covered:

- Install Enterprise Linux
- Configure the Network Manually
- Configure Network Services
- Configure the DNS Server
- Configure the NIS Server
- Secure a Linux Server
- Manage Backup and Recovery
- Develop Shell Scripts
- Compile Software from Source
- Compile The System Kernel
- Health Check and Performance Tuning of the System
- Manage Logfiles
- Manage Hardware and Component Changes
- Understand the Linux Hotplug System

Requirements:

Experience of administering Linux in an Enterprise environment to the level covered in the Linux System Administration course.

Note:

Before taking any exam, ensure you have the recommended experience.

Pre-Requisites Courses:

- LINUX System Administration (LPI)

Follow-On Courses:

- LINUX Advanced Shell Programming Tools
- Apache Web Server
- Perl Programming
- SQL