

Linux System Administration

Course objectives

This course is designed to strengthen a delegate's understanding of the Linux OS and administration. On completion of this course, delegates will be able to install and fully administrate an Linux environment through skills learned, such as: file systems; processes; managing users and groups; basic TCP/IP; backing-up and restoring of data; printing; monitoring and installation. Together with the [Linux Fundamentals](#) course delegates are prepared to take and pass the Linux Professionals Institute vendor-independent exams T1a and T1b.

Who should attend?

This advanced course is designed for delegates who either have reasonable Linux skills already in place or have attended the Linux Fundamentals course.

Prerequisites

A good understanding of PC hardware and functions. Completion of the Linux Fundamentals course, or equivalent knowledge and skills.

Practical exercises

This course features extensive practical work that complements the theory of the tutorials.

Length of course

4-day course.


COURSE CONTENTS

Introduction to Linux administration	File systems
Administration utilities	TCP/IP networking
Files and directories	Distributed file systems
Processes	Backup and restore
System startup and shutdown	Backup techniques
Managing users	Printing
User Environment	Monitoring and updating
Login & Terminals	Installation
Device management	



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