

Linux Certification Training Part 3

Target Audience:

The Linux Certification Training is ment for people who want to administer Linux based systems. These trainings prepare for the certification by the Linux Professional Institute.

Prerequisites:

Experience with any operating system is helpful, but not mandatory. Subsequent trainings depend on prequels or the appropriate certification.

Part 3:

- Linux Kernel
- System Startup
- Filesystem and Devices
- Advanced Storage Device Administration
- Networking Configuration
- System Maintenance
- Domain Name Server

Contents

- Kernel Components
- Compiling a kernel
- Patching a kernel
- Customise, build and install a custom kernel and kernel modules
- Manage/Query kernel and kernel modules at runtime
- Customising system startup and boot processes
- System recovery
- Operating the Linux filesystem
- Maintaining a Linux filesystem
- Creating and configuring filesystem options
- udev Device Management
- Configuring RAID
- Adjusting Storage Device Access
- Logical Volume Manager
- Basic networking configuration
- Advanced Network Configuration and Troubleshooting
- Troubleshooting network issues
- Notify users on system-related issues
- Make and install programs from source
- Backup operations
- Basic DNS server configuration
- Create and maintain DNS zones
- Securing a DNS server