

Course Outline

LPI 201

Duration: 5 days (30 hours)

Learning Objectives:

Target Audience:

- For candidates with around 5 years experience as a Systems Administrator. Consists of two exams and targets a more seasoned Systems Administrator level expertise.

Prerequisites:

- 101
- 102

Topics Covered:

- Linux Kernel
 - Kernel Components
 - Compiling a kernel
 - Patching a kernel
 - Customizing a kernel
- System Startup
 - Customizing system startup and boot processes
 - System recovery
- Filesystem
 - Operating the Linux filesystem
 - Maintaining a Linux filesystem
 - Creating and configuring filesystem options
- Hardware
 - Configuring RAID
 - Adding new hardware
 - Software and kernel configuration
 - Configuring PCMCIA devices
- File and Service Sharing
 - Configuring a Samba server
 - Configuring an NFS server
- System Maintenance
 - System logging
 - Packaging software
 - Backup operations



- System Customization and Automation
 - Automating tasks using scripts
- Troubleshooting
 - Creating recovery disks
 - Identifying boot stages
 - Troubleshooting LILO
 - General troubleshooting
 - Troubleshooting system resources
 - Troubleshooting environment configurations