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LPIC-2: Linux Administrator

OVERVIEW:

LPIC-2 is the second certification in the multi-level professional certification program of the Linux Professional Institute (LPI). The LPIC-2 will validate the candidate's ability to administer small to medium-sized mixed networks.

Prerequisites: The candidate must have an active LPIC-1 certification to receive the LPIC-2 certification.

Requirements: Passing exams 201 and 202. Each 90-minute exam is 60 multiple-choice and fill-in-the-blank questions.

Validity period: 5 years unless retaken or higher level is achieved.

To become LPIC-2 certified the candidate must be able to:

- perform advanced system administration, including common tasks regarding the Linux kernel, system startup and maintenance;
- perform advanced Management of block storage and file systems as well as advanced networking and authentication and system security, including firewall and VPN;
- install and configure fundamental network services, including DHCP, DNS, SSH, Web servers, file servers using FTP, NFS and Samba, email delivery; and
- supervise assistants and advise management on automation and purchases.

Course Content:

Part I The LPI 201

- ✓ Chapter 1 System Startup and Advanced System Management
- ✓ Chapter 2 Linux Kernel Configuration
- ✓ Chapter 3 Basic File System Management
- ✓ Chapter 4 Advanced Disk Management
- ✓ Chapter 5 Networking Configuration
- ✓ Chapter 6 DNS Server Configuration

Part II The LPI 202

- ✓ Chapter 7 Advanced Network Configuration
- ✓ Chapter 8 Configuring File Servers
- ✓ Chapter 9 Configuring Web and Email Servers
- ✓ Chapter 10 Security
- ✓ Chapter 11 System Troubleshooting I: Boot and Kernel Problems
- ✓ Chapter 12 System Troubleshooting II: System Resources and the User Environment