LPI 202. Selected network services and network security (code: LPI-202)

Overview

A practical overview of the most important network services for an administrator: from Apache, proxy servers and Samba, through NFS, DHCP servers and LDAP, to mail servers, security and troubleshooting and monitoring. A preparatory training for the LPI 202 exam, which is organized by *Linux Professional Institute*. Passing this exam and the LPI 201 exam allows one to acquire the LPIC-2 certificate - *Advanced Level Linux Certification*.

We offer this training, combined with the LPI 201 training, as an alternate path for our classical LPIC-2 training path (the Linux Administrator course and a supplementary course), for persons interested only in the LPIC-2 certification who already have some familiarity with Linux administration.

For persons interested in a more in-depth look at the topics covered during this training, we recommend the Advanced Linux Administrator course, which provides a thorough coverage of several advanced technologies.

Duration

5 days

Agenda

1. Network services
   — Apache server
     — configuration
     — interesting modules
   — Server security
     — SSL, OpenSSL
     — Virtual servers in Apache 2.x
   — Proxy servers - Squid
   — Samba - MS Windows integration:
     — a theoretical introduction;
     — server configuration;
     — clients;
   — Sharing files via NFS
     — NFS configuration: client- and server-side
     — Fundamental tools
     — Access control
     — TCP Wrapper
   — DHCP server
     — Server configuration
     — BOOTP and DHCP protocols
     — Best practices in DHCP server management
2. LDAP catalog services in Linux
   — Using the LDAP client: data modification
   — Importing and adding objects
   — Managing users
3. E-mail systems based on Postfix
   — Design, setup, configuration
   — Maps and data sources
   — Postfix server - management, command line tools

— Procmail
— Secure e-mail infrastructure based on Postfix and Dovecot (IMAP and POP3), monitoring its work.

4. Security
   — PAM authentication
   — IPTables as a firewall: configuration, a simple NAT and typical setup
   — A safe FTP server - vsftpd
   — Using SSH and SFTP; SSH server

5. Problem solving and system monitoring
   — Boot problems solving
   — Syslog
   — Useful tools
   — Most common problems

Ask for details
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Target audience and prerequisites

This training is designed for persons interested in taking the LPI 202 exam, and who have mastered the topics covered by the LPIC-1 certificate - that is, the basics of working in Linux, the command line and system configuration.

Certificates

Course participants receive completion certificates signed by ALX.

Locations

— Warsaw (English) – Jasna 14/16A
— Online (English) – your home, office or wherever you want
— any other location (London, UK, EU) on request

Price

1290 EUR

The price includes:

— course materials,
— snacks, coffee, tea and soft drinks,
— course completion certificate,
— one-time consultation with the instructor after course completion.