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

Ask for details
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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

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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

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

Price

1290 EUR

The price includes:

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