

## LPI 300 - LDAP, Samba, Integration with MS Windows and Mixed Environments (code: LPI-300)

### Overview

This training course is a comprehensive, lab-oriented class on OpenLDAP configuration, including integrating authorization systems and services. During the training course, participants become familiar with SAMBA server (SMB Protocol): basic and advanced configuration, user management, domain integration, working with MS Windows clients.

The training course is directed mainly at advanced Linux systems administrators, wanting to deepen their understanding of services/systems authorization and secure configuration of network shares.

We are an approved **Linux Professional Institute** training partner. Our training covers the topics needed for the **LPIC-3 300** exam. After passing that exam, you will acquire LPIC-3 Linux Enterprise Professional certificate.

### Duration

4 days

### Agenda

1. OpenLDAP Directory Services
  - Configuration
  - Replication concepts
2. LDAP - security
  - SSL and TLS
  - Firewall configuration
  - SASL
  - Integration with PAM and NSS
3. OpenLDAP Server Performance-tuning
  - Measuring LDAP performance
  - Configuration methods and how to increase performance
4. Integrating LDAP with Active Directory and Kerberos
5. SAMBA - working and configuration
  - SAMBA server roles
  - SMB/CIFS protocol
  - Samba3 and Samba4 - the most important differences
  - Configuration
  - Access permissions
  - CUPS print server
  - User management
6. SAMBA server monitoring
  - The most important monitoring tools
  - Backups
  - Troubleshooting
7. SAMBA- authorisation and access methods
  - Local password database
  - Integration with LDAP
  - Winbind
  - PAM and NSS
  - SAMBA as domain controller

### Ask for details

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8. Linux and MS Windows - mixed environments
  - SMB/CIFS
  - Working with Linux client
  - Working with Windows client

## Target audience and prerequisites

Participants should have knowledge equivalent to the contents of LPIC-1 and LPIC-2 training courses.

## 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

1240 EUR

The price includes:

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

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