

## Advanced Samba configuration (PDC, LDAP, replication) (code: LX-SMB-ADV)

### Overview

Further exploration of the capabilities and features of Samba.

Domain controller mode. Database backends for user account and permissions data. LDAP, integrating with Samba. Scripts for user management. Server replication. Interoperation with Windows 2008 servers. Migrating from Windows. Samba for Unix/Linux clients.

### Duration

2 days

### Agenda

1. Domain controller mode (PDC). Ways of storing user accounts and profile data
2. Storing user accounts and permissions in different formats
  - standard (tdb), XML, smbpasswd, LDAP directory
  - tools for working with Samba's databases, migration between different databases
3. LDAP
  - Introduction to directory services
  - installation, management, tools
  - migrating accounts to LDAP
4. Integrating LDAP with Samba
  - PAM, NSS
  - advantages of using a directory service
  - analysis and deployment planning
  - configuring, tuning and securing the server
  - scripts for user management, automated and manual
  - replication case study (using OpenLDAP)
5. Interoperation with an existing Windows 2008 server - Samba as a domain client
  - working with Active Directory
  - authorization from an Active Directory server
  - kerberos - principles, installation, configuring for Samba
  - Winbind - description and configuration
6. Windows to Samba migration strategy
7. Samba for Linux clients
  - NFS comparison
  - CIFS protocol
8. Overview and analysis of present and future solutions for interoperation of Linux and Microsoft products and technologies

### Target audience and prerequisites

Participants must have good knowledge of Linux system administration, basic knowledge of the Samba server (scope of our "SMB 101" course) and at least basic network configuration skills.

### Certificates

Course participants receive completion certificates signed by ALX.

### Ask for details

Phone +44 203 608 6289

info@alx.training

## Locations

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

## Price

740 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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