

## E-mail server - Exim, anti-spam solutions (code: LX-MAIL-EXIM)

### Overview

Designing and deploying an efficient e-mail delivery system based on the Exim MTA. Course participants learn about configuring and managing Exim both as a standalone server (authorization using system accounts and external databases, various virtual domain setups) and as a gateway for a Microsoft Exchange server. Advanced state-of-the-art spam- and virus-fighting techniques are discussed (bayesian filters, DKIM, OpenSPF, selective greylisting, verification at early stages of SMTP conversation).

During the course participants get hands-on experience as they configure a working mail server that mimics real-world SMTP operation.

### Duration

2 days

### Agenda

1. Exim
  - architecture, installation, configuration
  - message delivery process, manual control, testing, performance analysis
  - command-line tools
  - Exim query language, adjusting the system for particular needs
  - filter specification
  - additional ACLs at various stages of processing
  - virtual domains and accounts, various ways of storing them (system, files, databases, LDAP directories)
  - authorization methods (authenticators, SASL)
  - limits and quotas
  - connection encryption
2. Integrating Exim with anti-spam and anti-virus systems on early stages of processing
  - SpamAssassin - theory, configuration, training
  - sa-exim
  - ClamAV
  - SPF - creating records
  - server configuration for complex setups
  - information sharing between mail servers
  - greylisting issues and their solutions
3. Setting up a complete, secure e-mail infrastructure using Exim and Dovecot (IMAP, POP3), monitoring its performance
4. Using Exim as an anti-spam gateway for a Microsoft Exchange server

### Target audience and prerequisites

This course targets Linux system and network administrators.

Participants are expected to be familiar with Linux and TCP/IP networks on an intermediate level.

### Certificates

### Ask for details

Phone +44 203 608 6289

info@alx.academy

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

## Ask for details

Phone +44 203 608 6289  
info@alx.academy

## 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.