

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.training

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

Ask for details

Phone +44 203 608 6289
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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.