

## Linux virtualization (code: LX-VIRT)

### Overview

During the course participants install and configure Xen and KVM/Qemu on their computers and see VMware, VirtualBox, OpenVZ and Linux-VServer working on the instructor's machine.

On request, we customize this course to focus on any chosen virtualization technology.

### Ask for details

Phone +44 203 608 6289

info@alx.training

### Duration

2 days

### Agenda

1. Virtualization theory, full virtualization, paravirtualization
2. Xen
  - capabilities
  - installation, preparing the server, migrating servers to a virtualized environment
  - managing and partitioning hardware, performance analysis
  - configuration, planning a virtual network infrastructure
  - user space tools, console
  - migrating a live session
3. KVM and Qemu
  - capabilities
  - installation
  - configuration
  - migrating virtual machines
  - server tuning
4. An overview of Linux virtualization technologies
  - VirtualBox
    - installation
    - configuration
    - command line tools
  - VMware
    - technology introduction, product overview
    - virtual machine description
    - configuration
    - snapshots
  - Linux-VServer
    - technology characteristics
    - configuration
  - OpenVZ
    - configuration
  - Lguest
  - User-Mode-Linux

### Target audience and prerequisites

This course targets at least intermediate-level Linux system administrators.

### 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

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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.