

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.academy

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.