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.

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

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.