

## High availability - Linux Virtual Server and supporting technologies (HA1) (code: LVS-HA)

### Ask for details

Phone +44 203 608 6289

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### Overview

The course discusses the Linux Virtual Server cluster technology, which enables creation of high availability and high efficiency systems. Participants also learn about supporting technologies, among them link aggregation and the VRRP protocol for router duplication.

### Duration

2 days

### Agenda

1. Linux Virtual Server
  - operation principles
  - NAT
  - IP packet tunneling
  - Direct Routing
  - ARP problems
2. Job scheduling algorithms
3. Increasing reliability
4. Diagnostic tools
5. Linux Director configuration
6. Real Server configuration
7. Virtual Router Redundancy Protocol
8. Keepalived
9. Load sharing over multiple interfaces (link aggregation)
  - TEQL
  - bonding

### Target audience and prerequisites

Participants must have at least intermediate-level knowledge of the Linux system and TCP/IP networking.

### 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.

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