

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

**Ask for details**

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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**

- Online (English) – your home, office or wherever you want
- Warsaw (English) – Jasna 14/16A
- 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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