

## Linux - application and kernel debugging (code: LX-Debugging)

### Overview

This workshop covers Linux debugging tools and kernel debugging. Classes are directed at low level programmers, but security testers should also find them useful.

### Ask for details

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### Duration

3 days

### Agenda

1. Executable files structure, libraries loading
2. Application debugging:
  - gdb, peda
  - ddd
  - Eclipse
3. Kernel debugging:
  - netconsole
  - kgdb
  - oprofile
  - kernel debugging using JAG
  - kernel module debugging
  - kexec

### Target audience and prerequisites

Good knowledge of C programming. Above average knowledge of Linux. Basic knowledge of assembler is highly recommended.

### 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

1290 EUR

The price includes:

- course materials,
- snacks, coffee, tea and soft drinks,
- course completion certificate,
- one-time consultation with the instructor after course completion.