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.

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.