

## Cloud Native Fuzzing Fundamentals (LFS251)

Learn the fundamentals of fuzzing, with an emphasis on identifying reliability and security vulnerabilities by applying fuzzing to real-world software packages.

**Duration:** 1 Day

### Prerequisites for this course

In order to complete this course, learners should be able to:

- Read and study source code. - The course will show C/C++, Golang, Python, and Java code.
- Navigate a command line terminal.
- Compile simple programs and run them.
- Use containers and, in particular, Docker.

### Outline for this course

Chapter 1 – Course Introduction

Chapter 2 – Introduction to Fuzzing

Chapter 3 – Fuzzing in C and C++

Chapter 4 – Fuzzing in Golang

Chapter 5 – Fuzzing in Python

Chapter 6 – OSS-Fuzz: Continuous Open Source Fuzzing