Introduction to Zero Trust (LFS183)

This course discusses the features and characteristics of a Zero Trust Architecture, the different models of trust and use cases, and provides opportunities for hands-on practice with open-source tools such as SPIFFE/SPIRE, Open Policy Agent, and Istio service mesh.

Duration: 4 Hours

Prerequisites for this course

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

- Practical experience with cloud computing and Infrastructure-as-Service (IaaC)
- Experience with deploying and operating container orchestration platforms based on Kubernetes is a plus
- Access to a device or virtual machine running a Linux operating system. Lab exercises have been tested on Ubuntu 22.04.

Outline for this course

Chapter 1- Zero Trust Fundamentals

Chapter 2 - Why Should We Care about Zero Trust

Chapter 3 - Technology Fundamentals: Cryptography and Trust

Chapter 4 - Managing Trust in the Cloud