

# **Introduction to Open Source Networking Technologies (LFS165x)**

Learn technical fundamentals needed to adopt software-defined networking (SDN), network function virtualization (NFV), disaggregation, orchestration, network automation, and modern networking in this free course. You will also discover use cases and technical options for open networking.

**Duration:** 5 Days

## **Prerequisites for this course**

- There are no prerequisites for this course.

## **Outline for this course**

Chapter 1 – Introduction to Open Source Networking

Chapter 2 – Open Source and Software Defined Networking Landscape

Chapter 3 – Disaggregated Hardware

Chapter 4 – IO Abstraction and Datapath

Chapter 5 – Network Operating Systems

Chapter 6 – Network Control

Chapter 7 – Orchestration and Virtual Management

Chapter 8 – Network Virtualization

Chapter 9 – Network Function Virtualization (NFV)

Chapter 10 – Network Automation

Chapter 11 – Network Data Analytics

Chapter 12 – Summary