

## **Kubernetes and Cloud Native Essentials (LFS250)**

This course provides an overview of cloud native technologies and how container orchestration systems like Kubernetes can help to implement and maintain them.

**Duration:** 2 Days

### **Prerequisites for this course**

- Linux concepts and command line – We recommend the course “Introduction to Linux”
- Package managers
- Git and GitHub
- We recommend the course “Introduction to Cloud Infrastructure Technologies” for an overview of the cloud landscape
- We recommend the course “Introduction to Kubernetes” as a good start for your Kubernetes journey

### **Outline for this course**

Chapter 1 – Course Introduction

Chapter 2 – Cloud Native Architecture

Chapter 3 – Container Orchestration

Chapter 4 – Kubernetes Fundamentals

Chapter 5 – Working with Kubernetes

Chapter 6 – Cloud Native Application Delivery

Chapter 7 – Cloud Native Observability