# Kubernetes Security Fundamentals (LFS460)

This course provides the skills and knowledge on a broad range of best practices for securing container-based applications and Kubernetes platforms during build, deployment and runtime.

**Duration:** 4 Days

# Prerequisites for this course

- o To successfully complete the lab exercises in this course, access to a Linux server or Linux desktop/laptop is required. Access to a public cloud provider, or VirtualBox on your machine is also needed. Detailed instructions to set up your lab environment are provided in the course.

# Outline for this course

Chapter 1 – Course Introduction

Chapter 2 – Cloud Security Overview

Chapter 3 – Preparing to Install

Chapter 4 – Installing the Cluster

Chapter 5 – Securing the kube-apiserver

Chapter 6 – Networking

Chapter 7 – Workload Considerations

Chapter 8 – Issue Detection

Chapter 9 – Domain Review