Training: The Linux Foundation
# LFS260 Kubernetes Security Essentials

## TRAINING GOALS:

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.

This course is ideal for anyone holding a CKA certification and interested in or responsible for cloud security.

This course exposes you to knowledge and skills needed to maintain security in dynamic, multi-project environments. This course addresses security concerns for cloud production environments and covers topics related to the security container supply chain, discussing topics from before a cluster has been configured through deployment, and ongoing, as well as agile use, including where to find ongoing security and vulnerability information. The course includes hands-on labs to build and secure a Kubernetes cluster, as well as monitor and log security events.

This course is designed as preparation for the Kubernetes Security Specialist (CKS) Exam, and will substantially increase students' ability to become certified.

## CONSPECT:

- **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**

## REQUIREMENTS:

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.



Compendium Education Center Ltd.
ul. Tatarska 5, 30-103 Kraków, tel.: (12) 298 47 77
ul. Bielska 17, 02-394 Warszawa, tel.: (22) 417 41 70
BNP Paribas Bank Polska S.A.
EUR: PL 79 1600 1462 1853 6451 3000 0006
USD: PL 52 1600 1462 1853 6451 3000 0007

## Difficulty level

## CERTIFICATE:

The participants will obtain certificates signed by The Linux Foundation

## TRAINER:

The Linux Foundation Certified Trainer

## ADDITIONAL INFORMATION:

Online, Self Paced
26-30 Hours of Course Material
Hands-on Labs & Assignments1
Video Content
12 Months of Access to Online Course
Digital Badge
Discussion Forums



Compendium Education Center Ltd.
ul. Tatarska 5, 30-103 Kraków, tel.: (12) 298 47 77
ul. Bielska 17, 02-394 Warszawa, tel.: (22) 417 41 70

BNP Paribas Bank Polska S.A.
EUR: PL 79 1600 1462 1853 6451 3000 0006
USD: PL 52 1600 1462 1853 6451 3000 0007