Training: The Linux Foundation
LFS260 Kubernetes Security Essentials + CKS Exam Bundle

TRAINING GOALS:

A Certified Kubernetes Security Specialist (CKS) is an accomplished Kubernetes practitioner (must be CKA certified) who has demonstrated competence on a broad range of best practices for securing container-based applications and Kubernetes platforms during build, deployment and runtime.

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.

Obtaining a CKS demonstrates a candidate possesses the requisite abilities to secure container-based applications and Kubernetes platforms during build, deployment and runtime, and is qualified to perform these tasks in a professional setting.

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:

Certified Kubernetes Security Specialist (CKS) candidates must have taken and passed the Certified Kubernetes Administrator (CKA) exam prior to attempting the CKS exam.

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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

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