Certified Kubernetes Security Specialist – CKS

Price: 2895

Duration: 5 days

Delivery Methods: Virtual

Overview

Kubernetes is a Cloud Orchestration Platform providing reliability, replication, and stability while maximizing resource utilization for applications and services. Our Securing Kubernetes course emphasizes the skills and knowledge for securing container-based applications and Kubernetes platforms, during build, deployment and runtime. As a security expert in the DEVOPS world, your role is to observe and track activity. This means you need to understand processes without inserting secure systems or gatekeepers into the process and slowing it down. You must be able to observe rapidly progressing devops processes and pinpoint which container, process, or subsystem causes a security concern.
Review this course online at https://www.alta3.com/courses/cks

Audience Profile

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

At Course Completion

• Cluster Setup
• Cluster Hardening
• System Hardening
• Minimizing Microservices Vulnerabilities
• Supply Chain Security

• Monitoring, Logging and Runtime Security

• AI LLM prompt engineering for generating configuration snippets and solutions

Outline

Cloud Security Primer

Securing your Kubernetes Cluster

Install Kubernetes using kubeadm

Securing the kube-apiserver

Securing ETCD

Purge Kubernetes

Image Scanning

Manually Installing Kubernetes

Kubectl (Optional)

Labels (Optional)

Securing your Application

User Administration

Implementing Pod PolicySecuring Secrets

Securing the Network

Threat Analysis and Detection

Prerequisites

– Working knowledge of Kubernetes and/or CKA

– Basic Linux skills are helpful.

– Familiarity with a text editor like vi, vim, or nano is helpful.

Course Schedule

Date	Time	Price	Options

Why Professional Choose TOPTALENT?

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FAQ

What if I have to reschedule my class due to conflict?

Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to info@toptalentlearning.com to avoid rescheduling penalties.

How do I enroll for this class?

Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

What happens once I purchase a class?

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What is your late policy?

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

What happens when I finish my class?

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.