

KCSA - Overview

KCSA - Kubernetes and Cloud Native Security Associate



The **Kubernetes and Cloud Native Security Associate (KCSA)** exam demonstrates a user's foundational knowledge and skills in security technologies in the cloud native ecosystem.

Exam Overview

Detail	Information
Exam Format	Multiple Choice
Number of Questions	60
Duration	90 minutes
Passing Score	75%
Certification Validity	3 years
Cost	\$250 USD
Retake Policy	1 free retake

Exam Domains & Weights

Domain	Weight
Overview of Cloud Native Security	14%
Kubernetes Cluster Component Security	22%
Kubernetes Security Fundamentals	22%
Kubernetes Threat Model	16%
Platform Security	16%
Compliance and Security Frameworks	10%

Prerequisites

- Basic understanding of Kubernetes concepts (KCNA recommended)
- Familiarity with Linux command line
- General security concepts knowledge

Study Resources

Official Resources

- [KCSA Exam Curriculum](#)
- [Kubernetes Security Documentation](#)
- [CNCF Security Whitepaper](#)

Recommended Courses

- [Kubernetes Security Essentials \(LFS260\)](#)
- [Securing Kubernetes \(LFS482\)](#)

Practice Resources

- [Kubernetes Security Best Practices](#)
- [OWASP Kubernetes Security Cheat Sheet](#)

Quick Navigation

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Exam Tips

1. **Understand the 4Cs of Cloud Native Security** - Cloud, Cluster, Container, Code
2. **Know RBAC thoroughly** - Roles, ClusterRoles, RoleBindings, ClusterRoleBindings
3. **Study Network Policies** - Ingress and egress rules
4. **Understand Pod Security** - Security contexts, Pod Security Standards
5. **Review common attack vectors** - STRIDE, MITRE ATT&CK for Kubernetes
6. **Time management** - 90 seconds per question on average

Registration

[Register for KCSA Exam](#)