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CERTIFICATION

# Certified Kubernetes Security Specialist (CKS)

The Certified Kubernetes Security Specialist (CKS) program provides assurance that a CKS has the skills, knowledge, and competence on a broad range of best practices for securing container-based applications and Kubernetes platforms during build, deployment and runtime. CKA certification is required to sit for this exam.

★★★★☆ 3.6/5 Stars



### Who Is It For

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

[read more](#)



### About This Certification

CKS is a performance-based certification exam that tests candidates' knowledge of Kubernetes and cloud security in a simulated, real world environment. Candidates must have taken and passed the

[read more](#)



### What It Demonstrates

Obtaining a CKS demonstrates a candidate possesses the requisite abilities to secure container-based applications and Kubernetes platforms during build, deployment and runtime.

[read more](#)

### Domains & Competencies

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- Cluster Setup 10% +
- Cluster Hardening 15% +
- System Hardening 15% +
- Minimize Microservice Vulnerabilities 20% +
- Supply Chain Security 20% +
- Monitoring, Logging and Runtime Security 20% +

[See More](#) +

### Exam Details & Resources

This exam is an online, proctored, performance-based test that requires solving multiple tasks from a command line running Kubernetes. Candidates have 2 hours to complete the tasks. Candidates who register for the [Certified Kubernetes Security Specialist \(CKS\)](#) exam will have 2 attempts (per exam registration) to an exam simulator, provided by [killer.sh](#).

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

CKS may be purchased but not scheduled until CKA certification has been achieved. CKA Certification must be active (non-expired) on the date the CKS exam (including Retakes) is scheduled.

The exam is based on Kubernetes v1.23  
The CKS exam environment will be aligned with the most recent K8s minor version within approximately 4 to 8 weeks of the K8s release date

Please review the Candidate Handbook, Curriculum Overview and Exam Tips along with other recommended resources below.

- [Candidate Handbook](#)
- [Curriculum Overview](#)
- [Exam Tips](#)
- [Frequently Asked Questions](#)



\$375

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\$575

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### Includes

- Online Exam Delivery
- Duration of Exam 2 Hours
- Certification Valid 2 Years
- Software Version: Kubernetes v1.23
- 12 Month Exam Eligibility
- One Retake
- PDF Certificate and Digital Badge
- Performance-Based Exam
- Exam Simulator

### Course Rating

★★★★☆ 3.6/5 Stars

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**Experience Level:** Intermediate

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- Linux Foundation Global Certification and Confidentiality Agreement

- Verify Certification  
- Exam Environment Demo

#### Prerequisites



#### Learning Path

1. Introduction to Linux (LFS101x)	Training
2. Introducción a Linux (LF-UPV-101x)	Training
3. Fundamentals of Open Source IT and Cloud Computing (LFS200)	Training
4. Linux Foundation Certified IT Associate (LFCA)	Certification
5. Introduction to Cloud Infrastructure Technologies (LFS151x)	Training
6. Introduction to Kubernetes (LFS158x)	Training
7. Building Microservice Platforms with TARS (LFS153x)	Training
8. Introduction to Cloud Foundry (LFD132x)	Training
9. Essentials of Linux System Administration (LFS201)	Training
10. Linux Foundation Certified System Administrator (LFCS)	Certification
11. Cloud Foundry for Developers (LFD232)	Training
12. Cloud Foundry Certified Developer (CFCD)	Certification
13. Containers Fundamentals (LFS253)	Training
14. Kubernetes and Cloud Native Essentials (LFS250)	Training
15. Kubernetes and Cloud Native Associate (KCNA)	Certification
16. Kubernetes Fundamentals (LFS258)	Training
17. Introduction to Kubernetes on Edge with k3s (LFS156x)	Training
18. Introduction to Serverless on Kubernetes (LFS157x)	Training
19. Certified Kubernetes Administrator (CKA)	Certification
20. Monitoring Systems and Services with Prometheus (LFS241)	Training
21. Cloud Native Logging with Fluentd (LFS242)	Training
22. Service Mesh Fundamentals (LFS243)	Training
23. Managing Kubernetes Applications with Helm (LFS244)	Training
24. Containers for Developers and Quality Assurance (LFD254)	Training
25. GitOps: Continuous Delivery on Kubernetes with Flux (LFS269)	Training
26. Kubernetes for Developers (LFD259)	Training
27. Certified Kubernetes Application Developer (CKAD)	Certification
28. Certified Kubernetes Security Specialist (CKS)	Certification
29. Certified TARS Application Developer (CTAD)	Certification

#### Reviews

Apr 2022

Really really like that it is hands on, and that I am demonstrating skills I can immediately go out and use for my job. I also quite enjoyed the bundled killer-shell practice exam, as it guided me to discovery, where I should improve before going for the real thing.

Feb 2022

This exam - specifically the preparation exam on killer.sh - gives a good overview on how to secure a K8s cluster, and workloads inside of it.

Nov 2021

The hands on nature of this exam provides an experience like no other. It provides an environment where the concepts must be understood and applied in a high

[See More](#)

**Popular Courses and Certifications**

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**LFCS - LINUX**

Linux Foundation  
Certified System  
Administrator (LFCS)

Intermediate

**CKA - KUBERNETES**

Certified Kubernetes  
Administrator (CKA)

Intermediate

**CKAD - KUBERNETES**

Certified Kubernetes  
Application Developer  
(CKAD)

Intermediate

**LFCE - LINUX**

Linux Foundation  
Certified Engineer  
(LFCE)

Advanced

>

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