DevOpsSchool

Course curriculum · November 2026

KUBERNETES · CERTIFICATION-FOCUSED PROGRAM

Certified Kubernetes Administrator (CKA) Training

A practical, hands-on Certified Kubernetes Administrator (CKA) Training curriculum: 33 topics. Learn live online in a small batch, as a private corporate batch, or self-paced with one year of LMS access.

LIVE ONLINE **Max 8-10 hours**	CORPORATE **Private team batch, on demand**	SELF-PACED VIDEO **1-year LMS access**
BATCH SIZE **Max 10 learners**	NEXT BATCHES **1st of every month · weekends: first Saturday**	CERTIFICATE **Verifiable certificate of completion**

INSIDE THIS CURRICULUM

Who should attend	Objectives, audience, prerequisites
Agenda	33 topics
Formats and fees	Live, 1:1, self-paced, corporate
Trainer and reviews	Rajesh Kumar
Enrolment	Batches, payment, contacts

WHY DEVOPSSCHOOL

- Rated 4.6 on Google
- 1,500+ verifiable certificates issued in the public registry
- Trainer Rajesh Kumar: 20 years in industry
- Small batches: max 10 learners, every session recorded

Course page: www.devopsschool.com/courses/kubernetes/certified-kubernetes-administrator-cka.html
Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

COURSE FIT

Who this program is for

Use this page to decide whether Certified Kubernetes Administrator (CKA) Training matches your role and experience.

1

Objectives

Understand the core concepts and usage model, apply practical workflows through examples and guided tasks, and prepare for implementation, certification or team adoption.

2

Who should attend

Developers, DevOps engineers, administrators, SREs, security engineers, platform teams, release teams, technical leads and corporate teams working with this topic.

3

Before you start

Basic computer literacy and awareness of software, operations, cloud, DevOps or security workflows is helpful. Deep programming experience is not needed unless the topic requires it.

Preparing for the exam? This course follows the official exam objectives and includes mock exams. DevOpsSchool is an independent training provider and is not affiliated with The Linux Foundation or the CNCF.

AGENDA AT A GLANCE · 33 TOPICS

Core curriculum

33 topics · 25% - Cluster Architecture, Installation & Configuration

AGENDA · 33 TOPICS

Certified Kubernetes Administrator (CKA) Training agenda

Live online batches run for max 8-10 hours; corporate batches are planned with your team.

CORE CURRICULUM — 33 topics

1. 25% - Cluster Architecture, Installation & Configuration
2. Manage role based access control (RBAC)
3. Use Kubeadm to install a basic cluster
4. Manage a highly-available Kubernetes cluster
5. Provision underlying infrastructure to deploy a Kubernetes cluster
6. Perform a version upgrade on a Kubernetes cluster using Kubeadm
7. Implement etcd backup and restore
8. 15% - Workloads & Scheduling
9. Understand deployments and how to perform rolling update and rollbacks
10. Use ConfigMaps and Secrets to configure applications
11. Know how to scale applications
12. Understand the primitives used to create robust, self-healing, application deployments
13. Understand how resource limits can affect Pod scheduling
14. Awareness of manifest management and common templating tools
15. 20% - Services & Networking
16. Understand host networking configuration on the cluster nodes
17. Understand connectivity between Pods
18. Understand ClusterIP, NodePort, LoadBalancer service types and endpoints
19. Know how to use Ingress controllers and Ingress resources
20. Know how to configure and use CoreDNS
21. Choose an appropriate container network interface plugin
22. 10% - Storage
23. Understand storage classes, persistent volumes
24. Understand volume mode, access modes and reclaim policies for volumes
25. Understand persistent volume claims primitive
26. Know how to configure applications with persistent storage
27. 30% - Troubleshooting
28. Evaluate cluster and node logging
29. Understand how to monitor applications
30. Manage container stdout & stderr logs
31. Troubleshoot application failure
32. Troubleshoot cluster component failure
33. Troubleshoot networking

HOW YOU CAN LEARN

Formats and fees

The same agenda in four formats. Fees are in Indian rupees as of November 2026; the course page shows them in your currency.

FORMAT	DURATION	WHAT YOU GET	FEE
Live & interactive (online)	Max 8-10 hours	Instructor-led public batch of max 10 learners with demos, labs, Q&A and assignment review. Weekday batches start on the 1st of every month, weekend batches on the first Saturday of every month.	**INR 34,999**
1:1 live training (online)	Max 8-10 hours, one-to-one	The same agenda, taught one-to-one by the trainer. Starts immediately, without waiting for the next batch; sessions planned around your working hours, at your pace.	**INR 99,999**
Self-paced video	1-year LMS access	This program plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate	Planned with your team	A private batch for your team, on demand, with examples mapped to your platforms.	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on tasks and assignments. On completion you receive a DevOpsSchool certificate of completion with a unique credential ID that anyone can verify at devopsschool.com/certificates.

INCLUDED WITH EVERY LIVE BATCH

- Every live session is recorded and stays in your LMS for a year.
- Can't attend your batch? Move to next month's batch.
- Free demo class before you pay.
- Free 10-15 minute call with an advisor or the trainer to check the course fits you.

YOUR TRAINER

Learn from Rajesh Kumar

Principal Architect, trainer and mentor in DevOps, SRE, DevSecOps and platform engineering, with 20 years across 8+ software MNCs, including Staff DevOps/SRE Engineer for a leading Japanese mobile-payment platform and Principal DevOps Architect and Manager in Europe.

Profile: www.rajeshkumar.xyz · Videos: youtube.com/@TheDevOpsSchool

20 years in industry	**200+** corporate trainings
10,000+ engineers mentored	**70+** organisations coached

REVIEWS

What learners say

Rated 4.6 on Google · more reviews at devopsschool.com/testimonials and in our video testimonials.

> “Rajesh is very good trainer. Rajesh was able to resolve our queries and question effectively. We really liked the hands-on examples covered during this training program.”
>
> Indrayani, India

> “The training was very useful and interactive. Rajesh helped develop the confidence of all.”
>
> Abhinav Gupta, Pune

START YOUR TRAINING

Join the next batch

Weekday batches start on the 1st of every month and weekend batches on the first Saturday of every month, with max 10 learners each. 1:1 training can start immediately; corporate batches run on demand. We reply within 1 hour.

Pay by UPI, credit and debit cards, net banking or PayPal. Before you pay, read our refund policy. All courses: www.devopsschool.com/courses/

ENROL OR RESERVE A SEAT
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