

Certified Kubernetes Administrator (CKA) Bootcamp

An Expert-Led Workshop by KodeKloud

Welcome to the Future of Kubernetes Learning

Gain the skills, confidence, and credentials to become a **Certified Kubernetes Administrator** with KodeKloud’s hands-on, instructor-led virtual bootcamp. Designed for working professionals, this workshop goes beyond theory—offering practical, real-world readiness through interactive labs, live coaching, and industry-aligned curriculum.

Why Choose KodeKloud?

-  **Live Expert-Led Instruction** – Interact with certified trainers and industry professionals
-  **Cloud-Based Hands-On Labs** – Practice on real Kubernetes clusters
-  **Exam Readiness Focus** – Mock exams, tips, and test simulations
-  **Blended Learning** – Sessions, labs, Slack support, and lifetime resources
-  **Job-Relevant Skills** – Learn what hiring managers expect Kubernetes admins to know

Program Details

Feature	Details
Format	5-day Workshop (Over 2 Weeks)
Time	1:00 PM – 5:00 PM EDT
Delivery	Zoom + Slack Community + Cloud Labs
Pricing	USD 1500/Seat (includes exam voucher, 2 attempts)
Participants	Max 30 learners per cohort
Next Start Date	11 August 2025

Class Schedule

- Monday, 11th Aug — 4 hrs (9:00 AM – 1:00 PM PT / 12:00 PM – 4:00 PM ET)
- Wednesday, 13th Aug — 4 hrs (9:00 AM – 1:00 PM PT / 12:00 PM – 4:00 PM ET)
- Friday, 15th Aug — 4 hrs (9:00 AM – 1:00 PM PT / 12:00 PM – 4:00 PM ET)
- Wednesday, 20th August — 4 hrs (9:00 AM – 1:00 PM PT / 12:00 PM – 4:00 PM ET)
- Friday, 22nd August — 4 hrs (9:00 AM – 1:00 PM PT / 12:00 PM – 4:00 PM ET)

All-Inclusive Package

Enroll once. Unlock everything you need to succeed.

 **CKA Exam Voucher (2 attempts)**

 **KodeKloud AI Platform (6-month license)**
- License Upgrade or Extension Available for those with existing KodeKloud Licenses

 **Unlimited Cloud Playgrounds**

 **Lifetime Access to Workshop Materials**

 **KodeKloud Engineer Pro Subscription**

 **Slack-Based Peer & Mentor Support**

 **KodeKloud Certificate of Completion**

Instructor's Profile

Sanjeev Thiyagarajan | Training Architect & Instructional Lead

Sanjeev Thiyagarajan, a Training Architect and Instructional Lead at KodeKloud, is known for his expertise in networking, troubleshooting, and network administration. Sanjeev worked at Cisco Systems, he excelled as a Customer Support Engineer, coordinating interdisciplinary teams for IWAN solutions and leading deployments of Multi-Fabric VXLAN/EVPN across Data Centers. His knowledge of core networking protocols and ability to troubleshoot complex network issues are well-regarded in the industry.



Curriculum – Week 1

Day 1: Orientation & Cluster Basics

- Introduction to Kubernetes and the CNCF Landscape
- Why CKA Certification? Career and real-world impact
- CKA vs CKAD vs CKS
- Setting up your learning environment (home lab, VMs, cloud)
- Cluster Architecture: Master/Worker roles, control plane components
- Q&A / Lab Practice: Explore a pre-built cluster

Day 2: Deployments, Pods & StatefulSets

- Kubernetes Objects: Pods, Deployments, ReplicaSets
- Multi-container pods (sidecars, adapters)
- Stateful Applications: Deployments vs StatefulSets
- Using PVCs with StatefulSets
- Q&A / Lab: Build multi-tier applications in a cluster

Day 3: Services, Networking & Scheduling

- Kubernetes Networking Deep Dive
 - ClusterIP, NodePort, LoadBalancer, Ingress
 - Pod-to-Pod and Service-to-Service Communication
 - Network Policies and DNS (CoreDNS)
- Scheduling & Taints/Tolerations, Node Affinity
- Q&A / Lab: Debug and test networking between services

Curriculum – Week 2

Day 4: Storage, Security & Monitoring

- Storage Classes, Volumes, Dynamic Provisioning
- Securing Clusters: RBAC, Pod Security Standards, Secrets
- Authentication and Authorization in Kubernetes
- Monitoring & Logging
 - Prometheus + Grafana
 - Fluentd and Cloud-native logging tools
- Q&A / Lab: Secure and monitor a production-ready cluster

Day 5: Troubleshooting & Exam Prep

- Troubleshooting Patterns: Pods, Nodes, Networking
- Cluster Upgrades, Drain and Reboot Patterns
- Real-World Scenarios: ETCD recovery, high availability
- CKA Exam Prep:
 - kubectl aliases, shortcuts
 - Killer.sh, kubernetes.io docs
 - Time management strategies
- Final Mock Exam and Practice
- Workshop Wrap-Up & Certificate Issuance

Who Should Join?

Ideal for Learners Who Are:



DevOps engineers or sysadmins managing containerized applications



SREs looking to formalize Kubernetes expertise



Anyone preparing for platform engineering roles



Developers deploying microservices on Kubernetes



Learners transitioning from on-prem to cloud-native stacks

Your Kubernetes Mastery Roadmap

The CKA Bootcamp is just the beginning. KodeKloud offers a complete journey toward Kubernetes excellence:



Each stage includes courses, certifications, and VILT options.

Reserve Your Spot Today

Limited Seats · Live Expert Support · Results-Driven Training