Training: The Linux Foundation
KCNA Kubernetes and Cloud Native Associate

THE LINUX FOUNDATION AUTHORIZED TRAINING PARTNER

TRANING TERMS

2026-11-25 | 1 day | Virtual Classroom

TRAINING GOALS:

Training goals:

The Kubernetes and Cloud Native Associate (KCNA) exam demonstrates a user's foundational knowledge and skills in Kubernetes and the wider cloud native ecosystem.

The KCNA is a pre-professional certification designed for candidates interested in advancing to the professional level through a demonstrated understanding of kubernetes foundational knowledge and skills. This certification is ideal for students learning about or candidates interested in working with cloud native technologies.

A certified KCNA will confirm conceptual knowledge of the entire cloud native ecosystem, particularly focusing on Kubernetes. The KCNA exam is intended to prepare candidates to work with cloud native technologies and pursue further CNCF credentials, including CKA, CKAD, and CKS.

KCNA will demonstrate a candidate's basic knowledge of Kubernetes and cloud-native technologies, including how to deploy an application using basic kubectl commands, the architecture of Kubernetes (containers, pods, nodes, clusters), understanding the cloud-native landscape and projects (storage, networking, GitOps, service mesh), and understanding the principles of cloud-native security.

Domains & Competencies:

- **Kubernetes Fundamentals 46%**
  Kubernetes Resources
  Kubernetes Architecture
  Kubernetes API
  Containers
  Scheduling
- **Container Orchestration 22%**
  Container Orchestration Fundamentals
  Runtime
  Security
  Networking
  Service Mesh
  Storage

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- **Cloud Native Architecture 16%**
  Autoscaling
  Serverless
  Community and Governance
  Personas
  Open Standards
- **Cloud Native Observability 8%**
  Telemetry & Observability
  Prometheus
  Cost Management
- **Cloud Native Application Delivery 8%**
  Application Delivery Fundamentals
  GitOps
  CI/CD

Exam Details & Resources:

This exam is an online, proctored, multiple-choice exam.

- Linux Foundation Global Certification & Confidentiality Agreement
- Candidate Handbook
- KCNA Important Instructions

KCNA Frequently Asked Questions

REQUIREMENTS:

There are no pre-requisites for this exam

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by The Linux Foundation

TRAINER:

The Linux Foundation Certified Trainer

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ADDITIONAL INFORMATION:

Online
Certification Valid for 3 Years
Includes 12 Month Exam Eligibility
Free Retake
Multiple Choice Exam
Duration of Exam TBD

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