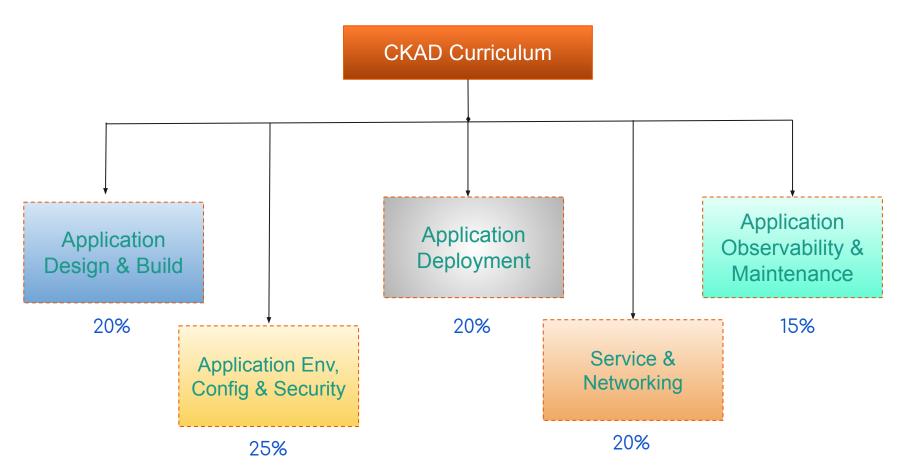
CKAD: Complete Certification Guide

Official CKAD Curriculum

CERTIFIED kubernetes
APPLICATION DEVELOPER



Application Design and Build (20%)

- Define, Build, Modify Container Images.
- Understanding of Jobs and CronJobs.
- Understanding Multi Container Pod Design.
- Utilize Persist & ephemeral volumes.

Application Env, Config, Security (25%)

- Understanding Authentication, Authorization, Administration tools.
- Understanding resource Requirement, Limit & Quota's
- Understanding ConfigMap, Service Accounts, Security Context.
- Create and Consume Secrets.

Application Deployments (20%)

- Use of Deployment Strategies.
- Understanding of Deployment and Rolling Updates.
- Use of HELM Package Manager for Deployment

Service & Networking (20%)

- Demonstrate Basic Understanding of Network Policies.
- Provide and Troubleshoot Access to Application via Services.
- Use Ingress Rules to Expose Applications.

Application Observability & Maint (15%)

- Understand API Decrications.
- Implement Probes and Health Checks.
- Use Provided Tools to Monitor the K8s Application.
- Utilize Container Logs.
- Debugging in Kubernetes.

Unorganized

Missing Concepts

We are Here!

Thank You...

Don't be the Same! Be Better!!!