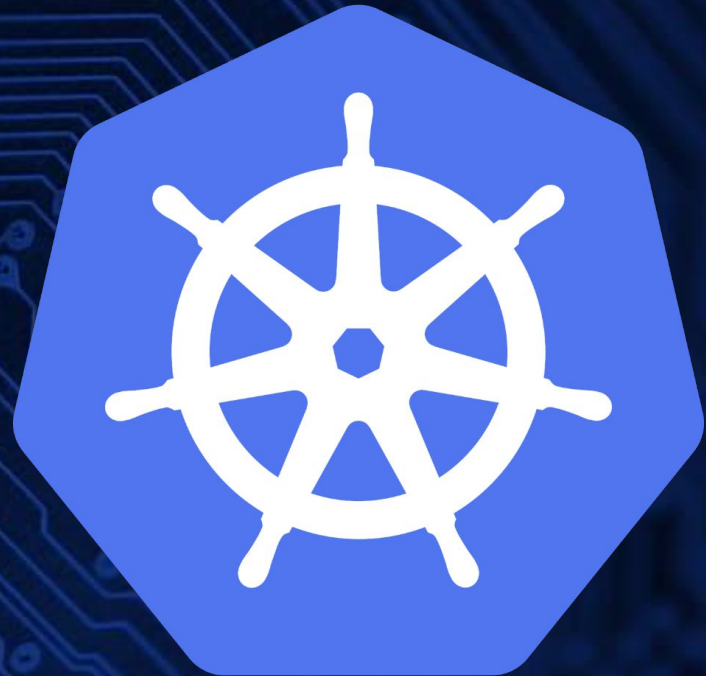# CKS : Complete Certification Guide

Minimizing Microservice Vulnerabilities Intro

Minimizing Microservice Vulnerabilities

➢ Security Context
  ○ Will discuss special security setting available through Pod and Container securityContext.

➢ PodSecurityPolicies
  ○ Will talk about enforce secure pod configurations with PodSecurityPolicies.

➢ Secrets
  ○ Will talk about storing sensitive data like passwords with secrets

Minimizing Microservice Vulnerabilities

➢ Runtime SandBoxes
  ○ Will discuss setting up and using container runtime sandboxes for additional security around untrusted workload.

➢ OPA Gatekeeper
  ○ Will talk about enforce of custom security policies on any object with OPA Gatekeeper.

➢ mTLS and Certificates
  ○ Will talk about Pod-to-Pod mTLS and certificate management via Kubernetes API.

Thank You...

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