

OWASP Kubernetes Top 10



No.	Code	Description	Lab
01	K01	Insecure Workload Configurations	Privileged True, Host Network True, Host IPC True, Host Volume Mount, DIND (Docker In Docker)
02	K02	Supply Chain Vulnerabilities	Exploiting Docker Private Registry
03	K03	Overly Permissive RBAC	Exploit RBAC Misconfiguration via Full Cluster Permissions
04	K04	Lack of Centralized Policy Enforcement	Kyverno Admission Controller
05	K05	Inadequate Logging and Monitoring	Using Falco & EFK Logging and Monitoring
06	K06	Broken Authentication Mechanisms	Cluster Role & Cluster RoleBinding - Role Based Access Control, Role & RoleBinding - Role Based Access Control
07	K07	Missing Network Segmentation Controls	Blocking Ingress Traffic Based on Source Pod Labels (Network Security Policy)
08	K08	Secrets Management Failures	Docker Dive, Securing Secrets In Kubernetes

No.	Code	Description	Lab
09	K09	Misconfigured Cluster Components	Unauthenticated Kubernetes Dashboard, Misconfigured Kube API Server, CTF K8s Cluster
10	K10	Outdated and Vulnerable	CTF K8s Cluster (kubelet=1.22.0-00 & kubeadm=1.22.0-00), CTF K8s Cluster - CVE-2021-25741

Thanks: [madhuakula](#)

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