

## 11-configmap

ConfigMap What it is ConfigMap stores non-sensitive configuration as key-value pairs. When to use App configuration values Environment-specific settings Mounted config files for applications Key fields data: UTF-8 key-value entries binaryData: base64-encoded binary content Common commands bash kubectl get configmap kubectl create configmap app-config --from-literal=LOG\_LEVEL=info --from-literal=APP\_MODE=prod kubectl create configmap app-file-config --from-file=app.properties kubectl describe configmap app-config kubectl delete configmap app-config YAML example yaml apiVersion: v1 kind: ConfigMap metadata: name: app-config data: LOG\_LEVEL: info APP\_MODE: production app.properties: | cache.enabled=true cache.ttl.seconds=300 Practical notes Inject via env vars or volume mounts. ConfigMap updates do not instantly reload app process unless app supports reload.