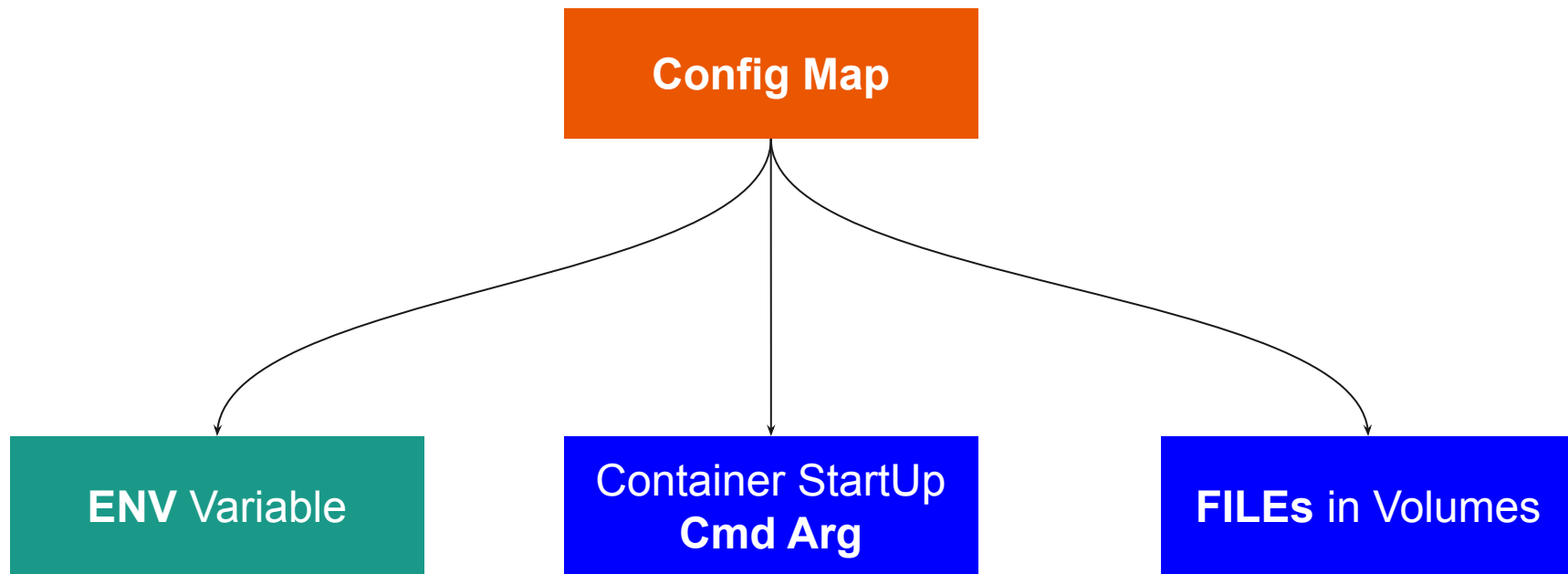


CKA/CKAD : Complete Certification Guide

Kubernetes ConfigMaps and Pods



CKA/CKAD Certification



ConfigMap insertion in PODs

```
kubectl create configmap cus-conf --from-literal=KEY1=Value1 --from-literal=KEY2=Value2
```

```
apiVersion: v1
kind: Pod
metadata:
  name: configmap-demo-pod
spec:
  containers:
    - name: demo
      image: alpine
      command: ["sleep", "3600"]
      env:
        - name: ENV_VAL_1
          valueFrom:
            configMapKeyRef:
              name: cus-conf
              key: KEY1
        - name: ENV_VAL_2
          valueFrom:
            configMapKeyRef:
              name: cus-conf
              key: KEY2
```

```
kubectl exec configmap-demo-pod env | grep ENV_VAL
```

```
ENV_VAL_1=Value1
ENV_VAL_2=Value2
```

ConfigMap insertion in PODs

```
apiVersion: v1
kind: Pod
metadata:
  name: configmap-demo-pod
spec:
  containers:
    - name: demo
      image: alpine
      command: ["/bin/sh", "-c", "echo ${ENV_VAL_1} and ${ENV_VAL_2}"]
      env:
        - name: ENV_VAL_1
          valueFrom:
            configMapKeyRef:
              name: cus-conf
              key: KEY1
        - name: ENV_VAL_2
          valueFrom:
            configMapKeyRef:
              name: cus-conf
              key: KEY2
```

Execute Pod Log Command
to get the Data.

ConfigMap insertion in PODs

```
apiVersion: v1
kind: Pod
metadata:
  name: configmap-demo-pod
spec:
  volumes:
  - name: demo-vol
    configMap:
      name: cus-conf
  containers:
  - name: demo
    image: alpine
    command: ["/bin/sh", "-c", "ls /etc/config/"]
  volumeMounts:
  - name: demo-vol
    mountPath: /etc/config
```

Thank You...

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