## pod.yaml

```
apiVersion: v1
kind: Pod
metadata:
 name: env-var
 labels:
  purpose: demonstrate-env-var
spec:
 containers:
 - name: env-var-container
  image: wordpress
  env:
   - name: WORDPRESS_VERSION
    value: "5.2.2"
   - name: WORDPRESS_USER
    value: "ubuntu"
```



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containers:

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value: "ubuntu"



### A ConfigMap is an API object used to store non-confidential data in key-value pairs.

apiVersion: v1

kind: Pod

metadata:

name: env-var

labels:

purpose: demonstrate-env-var

spec:

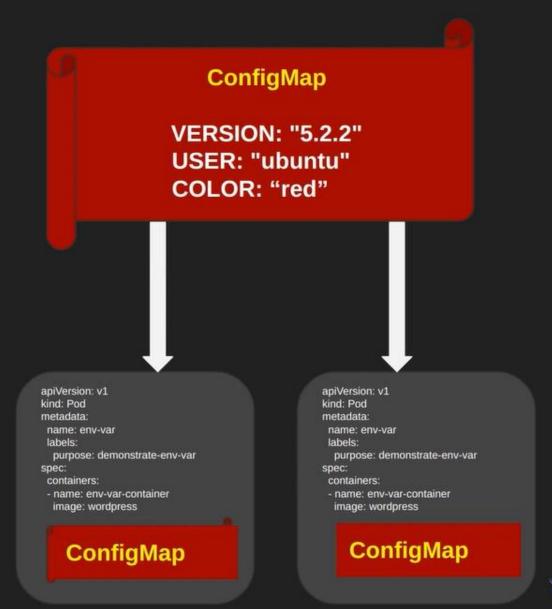
containers:

- name: env-var-container

image: wordpress

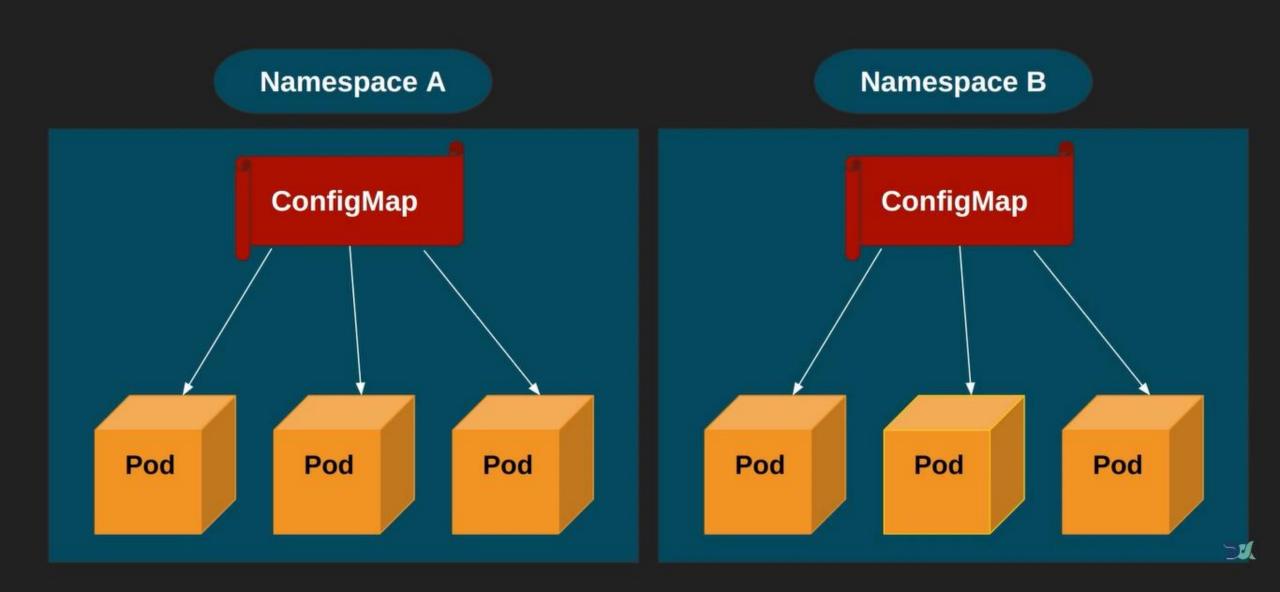
#### ConfigMap

VERSION: "5.2.2" USER: "ubuntu" COLOR: "red"





# Scope of the configmap is only to the namespace.



## **ConfigMap Creation**

kubectl create configmap <name>
 --from-literal=<key>=<value>
 --from-literal=<key>=<value>

03

kubectl create configmap <name> --from-file=<file-name>

apiVersion: v1
kind: ConfigMap
metadata:
name: my-configmap
data:
wordpress\_version: "5.2.2"
wordpress\_user: "ubuntu"

### my-configmap

wordpress\_version="5.2.2" wordpress\_user="ubuntu"

apiVersion: v1

kind: Pod metadata:

name: configmap-demo

spec:

containers:

- name: demo-container

image: wordpress

envFrom:

- configMapRef:

name: my-configmap



#### my-configmap

wordpress\_version="5.2.2" wordpress\_user="ubuntu"

```
apiVersion: v1
kind: Pod
metadata:
name: configmap-demo
spec:
containers:
- name: demo-container
```

image: wordpress

- configMapRef:

name: my-configmap

envFrom:

apiVersion: v1 kind: Pod metadata: name: configmap-demo spec: containers: - name: demo-container image: wordpress env: - name: VERSION valueFrom: configMapKeyRef: name: my-configmap key: wordpress\_version



### my-configmap

wordpress\_version="5.2.2" wordpress\_user="ubuntu"

```
apiVersion: v1
kind: Pod
metadata:
name: configmap-demo
spec:
containers:
```

 name: demo-container image: wordpress envFrom:

> configMapRef: name: my-configmap

apiVersion: v1 kind: Pod metadata: name: configmap-demo spec: containers: - name: demo-container image: wordpress env: - name: VERSION valueFrom: configMapKeyRef: name: my-configmap key: wordpress version apiVersion: v1 kind: Pod metadata: name: configmap-demo spec: containers: - name: demo-container image: wordpress volumeMounts: - name: config mountPath: /etc/config volumes: - name: config configMap: name: configmap-3