


Env var ConfigMap



podenv

podenv

Pod

- Created: 12/19/2024, 4:49:29 PM

Labels

- pod: envcm

Status

- phase: Running
- hostIP: 192.168.1.101
- podIP: 10.244.1.101
- podIPs: [{"ip": "10.244.1.101"}]
- startTime: 2024-12-19T16:49:29Z
- ready: True

Containers

- name: cont
- image: busybox

```
apiVersion: v1
kind: ConfigMap
metadata:
  name: config-env
data:
  APP_ENV: "Production"
  APP_DEBUG: "false"
```

```
adham@master:/adhamk8s$ vim configmap.yml
adham@master:/adhamk8s$
adham@master:/adhamk8s$ kubectl apply -f configmap.yml
configmap/config-env created
adham@master:/adhamk8s$
adham@master:/adhamk8s$ kubectl get configmap
NAME          DATA   AGE
config-env    2       18s
kube-root-ca.crt 1      2d15h
adham@master:/adhamk8s$
```

```

apiVersion: v1
kind: Pod
metadata:
  name: podenv
  labels:
    pod: envcm
spec:
  containers:
    - name: cont
      image: busybox
      command: [ "sh", "-c", "env && sleep 500 " ]
      envFrom:
        - configMapRef:
            name: config-env

```

```

adham@master:/adhamk8s$ vim pod-cm.yml
adham@master:/adhamk8s$
adham@master:/adhamk8s$ kubectl apply -f pod-cm.yml
pod/podenv created
adham@master:/adhamk8s$
adham@master:/adhamk8s$ kubectl get pod

```

NAME	READY	STATUS	RESTARTS	AGE
auto-deploy-6bcd5d77b-679zk	1/1	Running	1 (161m ago)	19h
auto-deploy-6bcd5d77b-mbq4g	1/1	Running	1 (161m ago)	19h
auto-deploy-6bcd5d77b-nn59k	1/1	Running	1 (161m ago)	19h
auto-deploy-6bcd5d77b-prfcf	1/1	Running	1 (161m ago)	19h
deploy-web-6498fd9b8c-78vrn	1/1	Running	1 (161m ago)	20h
deploy-web-6498fd9b8c-wgkf7	1/1	Running	1 (161m ago)	20h
deploy-web-6498fd9b8c-zk9df	1/1	Running	1 (161m ago)	20h
kubeview-78dd597bd8-rskv8	1/1	Running	2 (161m ago)	43h
nginx-pod	1/1	Running	2 (161m ago)	46h
podenv	1/1	Running	0	5s
rollout-deploy-7647484798-7r58f	1/1	Running	0	127m
rollout-deploy-7647484798-h5tf9	1/1	Running	0	127m
rollout-deploy-7647484798-x56xh	1/1	Running	0	131m
stat-website	1/1	Running	2 (161m ago)	45h

```

adham@master:/adhamk8s$

```

```
adham@master:/adhamk8s$ kubectl exec -it podenv -- sh
/ # env
SERVICE2_PORT_8088_TCP=tcp://10.107.█:8088
KUBEVIEW_SERVICE_HOST=10.96.█
KUBERNETES_SERVICE_PORT=443
KUBERNETES_PORT=tcp://10.96.█:443
WEB_SERVICE_PORT_4444_TCP_PORT=4444
APP_DEBUG=false
WEB_SERVICE_PORT_4444_TCP_PROTO=tcp
HOSTNAME=podenv
SHLVL=1
WEB_SERVICE_PORT=tcp://10.108.█:4444
WEB_SERVICE_SERVICE_PORT=4444
HOME=/root
KUBEVIEW_SERVICE_PORT=80
KUBEVIEW_PORT=tcp://10.96.█:80
WEB_SERVICE_PORT_4444_TCP=tcp://10.108.█:4444
KUBEVIEW_PORT_80_TCP_ADDR=10.96.█
KUBEVIEW_PORT_80_TCP_PORT=80
KUBEVIEW_PORT_80_TCP_PROTO=tcp
TERM=xterm
KUBERNETES_PORT_443_TCP_ADDR=10.96.█
SERVICE2_SERVICE_HOST=10.107.█
PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin
KUBERNETES_PORT_443_TCP_PORT=443
KUBERNETES_PORT_443_TCP_PROTO=tcp
KUBEVIEW_PORT_80_TCP=tcp://10.96.█:80
SERVICE2_SERVICE_PORT=8088
SERVICE2_PORT=tcp://10.107.█:8088
SERVICE2_PORT_8088_TCP_ADDR=10.107.█
SERVICE2_PORT_8088_TCP_PORT=8088
SERVICE2_PORT_8088_TCP_PROTO=tcp
KUBERNETES_PORT_443_TCP=tcp://10.96.█:443
```

```
KUBERNETES_PORT_443_TCP=tcp://10.96.█:443
KUBERNETES_SERVICE_PORT_HTTPS=443
KUBEVIEW_SERVICE_PORT_HTTP=80
APP_ENV=Production
KUBERNETES_SERVICE_HOST=10.96.█
PWD=/
WEB_SERVICE_PORT_4444_TCP_ADDR=10.108.█
WEB_SERVICE_SERVICE_HOST=10.108.█
/ #
```

```
adham@node1:~$ kubectl get pod
```

NAME	READY	STATUS	RESTARTS	AGE
auto-deploy-6bcd5d77b-679zk	1/1	Running	1 (173m ago)	19h
auto-deploy-6bcd5d77b-mbq4g	1/1	Running	1 (173m ago)	19h
auto-deploy-6bcd5d77b-nn59k	1/1	Running	1 (173m ago)	19h
auto-deploy-6bcd5d77b-prfcf	1/1	Running	1 (173m ago)	19h
deploy-web-6498fd9b8c-78vrn	1/1	Running	1 (173m ago)	20h
deploy-web-6498fd9b8c-wgkf7	1/1	Running	1 (173m ago)	20h
deploy-web-6498fd9b8c-zk9df	1/1	Running	1 (173m ago)	20h
kubeview-78dd597bd8-rskv8	1/1	Running	2 (173m ago)	43h
nginx-pod	1/1	Running	2 (173m ago)	46h
podenv	1/1	Running	0	11m
rollout-deploy-7647484798-7r58f	1/1	Running	0	138m
rollout-deploy-7647484798-h5tf9	1/1	Running	0	138m
rollout-deploy-7647484798-x56xh	1/1	Running	0	143m
stat-website	1/1	Running	2 (173m ago)	45h

```
adham@node1:~$ █
```