


# Pod with multi container



multi-cont

## multi-cont

Pod

- Created: 12/22/2024, 6:56:57 PM

### Labels

- pod: multi-cont

### Status

- phase: Running
- hostIP: 192.168.88.143
- podIP: 10.244.1.83
- podIPs: [ { "ip": "10.244.1.83" } ]
- startTime: 2024-12-22T18:56:57Z
- ready: True

### Containers

- name: cont1
- image: nginx
- port: 80 (TCP)
- name: cont2
- image: centos:latest

```
apiVersion: v1
kind: Pod
metadata:
  name: multi-cont
  labels:
    pod: multi-cont
spec:
  containers:
    - name: cont1
      image: nginx
      ports:
        - containerPort: 80
      volumeMounts:
        - name: multi-cont-vol
          mountPath: /usr/share/nginx/html
    - name: cont2
      image: centos:latest
      command: [ "sh", "-c", "date > /data/file.txt && sleep 1000" ]
      volumeMounts:
        - name: multi-cont-vol
          mountPath: /data
  volumes:
    - name: multi-cont-vol
      hostPath:
        path: /adhamk8s
        type: Directory
```

```

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

```

NAME	READY	STATUS	RESTARTS	AGE
auto-deploy-6bcd5d77b-4cvgj	1/1	Running	1 (130m ago)	3d
auto-deploy-6bcd5d77b-tr7c6	1/1	Running	1 (130m ago)	3d
auto-deploy-6bcd5d77b-vl4rf	1/1	Running	1 (130m ago)	3d
auto-deploy-6bcd5d77b-x97lj	1/1	Running	1 (130m ago)	3d
deploy-web-6498fd9b8c-64wtr	1/1	Running	1 (130m ago)	3d
deploy-web-6498fd9b8c-czhbs	1/1	Running	1 (130m ago)	3d
deploy-web-6498fd9b8c-jjh9w	1/1	Running	1 (130m ago)	3d
job-jqz6k	0/1	Completed	0	3d
kubeview-78dd597bd8-fzkkx	1/1	Running	1 (130m ago)	3d
multi-cont	2/2	Running	0	89s
podpvpvc	1/1	Running	1 (130m ago)	24h
rollout-deploy-7647484798-48dgs	1/1	Running	1 (130m ago)	3d
rollout-deploy-7647484798-jftjk	1/1	Running	1 (130m ago)	3d
rollout-deploy-7647484798-nwn4b	1/1	Running	1 (130m ago)	3d

```

adham@master:/adhamk8s$

```

```

adham@node1:/adhamk8s$ kubectl get pod

```

NAME	READY	STATUS	RESTARTS	AGE
auto-deploy-6bcd5d77b-4cvgj	1/1	Running	1 (137m ago)	3d
auto-deploy-6bcd5d77b-tr7c6	1/1	Running	1 (137m ago)	3d
auto-deploy-6bcd5d77b-vl4rf	1/1	Running	1 (137m ago)	3d
auto-deploy-6bcd5d77b-x97lj	1/1	Running	1 (137m ago)	3d
deploy-web-6498fd9b8c-64wtr	1/1	Running	1 (137m ago)	3d
deploy-web-6498fd9b8c-czhbs	1/1	Running	1 (137m ago)	3d
deploy-web-6498fd9b8c-jjh9w	1/1	Running	1 (137m ago)	3d
job-jqz6k	0/1	Completed	0	3d
kubeview-78dd597bd8-fzkkx	1/1	Running	1 (137m ago)	3d
multi-cont	2/2	Running	0	7m48s
podpvpvc	1/1	Running	1 (137m ago)	24h
rollout-deploy-7647484798-48dgs	1/1	Running	1 (137m ago)	3d
rollout-deploy-7647484798-jftjk	1/1	Running	1 (137m ago)	3d
rollout-deploy-7647484798-nwn4b	1/1	Running	1 (137m ago)	3d

```

adham@node1:/adhamk8s$

```

```

adham@node1:/adhamk8s$
adham@node1:/adhamk8s$ cat /adhamk8s/file.txt
Sun Dec 22 18:57:01 UTC 2024
adham@node1:/adhamk8s$

```