

# CronJob - date



## cron-28913345-nwwf8

Pod

• Created: 12/21/2024, 5:05:00 PM

### Labels

- `batch.kubernetes.io/controller-uid`: aa5020e7-b865-43cb-b425-9e12e14fac10
- `batch.kubernetes.io/job-name`: cron-28913345
- `controller-uid`: aa5020e7-b865-43cb-b425-9e12e14fac10
- `job-name`: cron-28913345

### Status

- `phase`: Running
- `hostIP`: 192.168. [REDACTED]
- `podIP`: 10.244.1.59
- `podIPs`: [{ "ip": "10.24 [REDACTED]" }]
- `startTime`: 2024-12-21T17:05:00Z
- `ready`: True

### Containers

- `name`: cron
- `image`: centos:latest

```
apiVersion: batch/v1
kind: CronJob
metadata:
  name: cron
spec:
  schedule: "* /5 * * * *"
  jobTemplate:
    spec:
      template:
        spec:
          containers:
            - name: cron
              image: centos:latest
              command: [ "sh", "-c", "date > /output/date.txt && sleep 500" ]
              volumeMounts:
                - name: volcron
                  mountPath: /output
          volumes:
            - name: volcron
              hostPath:
                path: /adhmk8s
                type: Directory
          restartPolicy: Never
```

```
adham@master:/adhamk8s$ vim cronj.yml
adham@master:/adhamk8s$
adham@master:/adhamk8s$ kubectl apply -f cronj.yml
cronjob.batch/cron created
adham@master:/adhamk8s$
```

```
adham@master:/adhamk8s$ kubectl get cj
NAME    SCHEDULE    TIMEZONE    SUSPEND    ACTIVE    LAST SCHEDULE    AGE
cron    */5 * * * *    <none>      False      0         <none>          20s
adham@master:/adhamk8s$
```

```
adham@master:/adhamk8s$ kubectl get pod
NAME                                READY    STATUS    RESTARTS    AGE
auto-deploy-6bcd5d77b-4cvvj        1/1      Running   0           46h
auto-deploy-6bcd5d77b-tr7c6        1/1      Running   0           46h
auto-deploy-6bcd5d77b-vl4rf        1/1      Running   0           46h
auto-deploy-6bcd5d77b-x97lj        1/1      Running   0           46h
cron-28913345-nwwf8                 1/1      Running   0           8m58s
deploy-web-6498fd9b8c-54wtr        1/1      Running   0           46h
deploy-web-6498fd9b8c-czhbs        1/1      Running   0           46h
deploy-web-6498fd9b8c-jjh9w        1/1      Running   0           46h
job-jqz6k                           0/1      Completed 0           46h
kubeview-78dd597bd8-fzkkx          1/1      Running   0           46h
rollout-deploy-7647484798-48dgs    1/1      Running   0           46h
rollout-deploy-7647484798-jftjk    1/1      Running   0           46h
rollout-deploy-7647484798-nwn4b    1/1      Running   0           46h
adham@master:/adhamk8s$
adham@master:/adhamk8s$ kubectl exec -it cron-28913345-nwwf8 -- sh
sh-4.4#
sh-4.4# cd /output
sh-4.4# ls
data.txt  date.txt  index.html
sh-4.4# cat date.txt
Sat Dec 21 17:05:04 UTC 2024
```

```
adham@master:/adhamk8s$ kubectl get pod
```

NAME	READY	STATUS	RESTARTS	AGE
auto-deploy-6bcd5d77b-4cvgj	1/1	Running	0	46h
auto-deploy-6bcd5d77b-tr7c6	1/1	Running	0	46h
auto-deploy-6bcd5d77b-vl4rf	1/1	Running	0	46h
auto-deploy-6bcd5d77b-x97lj	1/1	Running	0	46h
cron-28913345-nwwf8	1/1	Running	0	14m
cron-28913355-7cqn6	1/1	Running	0	2m40s
deploy-web-6498fd9b8c-64wtr	1/1	Running	0	46h
deploy-web-6498fd9b8c-czhbs	1/1	Running	0	46h
deploy-web-6498fd9b8c-jjh9w	1/1	Running	0	46h
job-jqz6k	0/1	Completed	0	46h
kubeview-78dd597bd8-fzkkx	1/1	Running	0	46h
rollout-deploy-7647484798-48dgs	1/1	Running	0	46h
rollout-deploy-7647484798-jftjk	1/1	Running	0	46h
rollout-deploy-7647484798-nwn4b	1/1	Running	0	46h

```
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```

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adham@master:/adhamk8s$ kubectl get pod
```

NAME	READY	STATUS	RESTARTS	AGE
auto-deploy-6bcd5d77b-4cvgj	1/1	Running	0	46h
auto-deploy-6bcd5d77b-tr7c6	1/1	Running	0	46h
auto-deploy-6bcd5d77b-vl4rf	1/1	Running	0	46h
auto-deploy-6bcd5d77b-x97lj	1/1	Running	0	46h
cron-28913345-nwwf8	0/1	Completed	0	15m
cron-28913355-7cqn6	1/1	Running	0	4m23s
cron-28913360-bfg7s	1/1	Running	0	57s
deploy-web-6498fd9b8c-64wtr	1/1	Running	0	46h
deploy-web-6498fd9b8c-czhbs	1/1	Running	0	46h
deploy-web-6498fd9b8c-jjh9w	1/1	Running	0	46h
job-jqz6k	0/1	Completed	0	46h
kubeview-78dd597bd8-fzkkx	1/1	Running	0	46h
rollout-deploy-7647484798-48dgs	1/1	Running	0	46h
rollout-deploy-7647484798-jftjk	1/1	Running	0	46h
rollout-deploy-7647484798-nwn4b	1/1	Running	0	46h

```
adham@master:/adhamk8s$
```