

Assignment #08: Kubernetes Lab

Main Kubectl Commands - K8s CLI

```
Command Prompt - kubectl edit deployment nginx-depl
No resources found in default namespace.

C:\Users\metar>kubectl get services
NAME                TYPE        CLUSTER-IP    EXTERNAL-IP    PORT(S)    AGE
kubernetes          ClusterIP   10.96.0.1     <none>         443/TCP    119m

C:\Users\metar>kubectl create depolyment nginx-depl --image=nginx
Error: unknown flag: --image
See 'kubectl create --help' for usage.

C:\Users\metar>kubectl create deployment nginx-depl --image=nginx
deployment.apps/nginx-depl created

C:\Users\metar>kubectl get deployment
NAME                READY    UP-TO-DATE    AVAILABLE    AGE
nginx-depl          1/1      1              1            33s

C:\Users\metar>kubectl get pod
NAME                                READY    STATUS    RESTARTS    AGE
nginx-depl-5ddc44dd46-m4kg4        1/1      Running   0            54s

C:\Users\metar>kubectl get replicaset
NAME                                DESIRED    CURRENT    READY    AGE
nginx-depl-5ddc44dd46              1          1          1        109s

C:\Users\metar>kubectl edit deployment
Edit cancelled, no changes made.

C:\Users\metar>kubectl edit deployment nginx-depl
```

```

# Please edit the object below. Lines beginning with a '#' will be ignored,
# and an empty file will abort the edit. If an error occurs while saving this file will be
# reopened with the relevant failures.
#
apiVersion: apps/v1
kind: Deployment
metadata:
  annotations:
    deployment.kubernetes.io/revision: "1"
  creationTimestamp: "2022-03-18T13:16:56Z"
  generation: 1
  labels:
    app: nginx-depl
  name: nginx-depl
  namespace: default
  resourceVersion: "3182"
  uid: fbc3524f-2cc5-457c-8bc1-be8935a06125
spec:
  progressDeadlineSeconds: 600
  replicas: 1
  revisionHistoryLimit: 10
  selector:
    matchLabels:
      app: nginx-depl
  strategy:
    rollingUpdate:
      maxSurge: 25%
      maxUnavailable: 25%
    type: RollingUpdate
  template:
    metadata:
      creationTimestamp: null
      labels:
        app: nginx-depl
    spec:
      containers:
        - image: nginx
          imagePullPolicy: Always
          name: nginx
          resources: {}
          terminationMessagePath: /dev/termination-log
          terminationMessagePolicy: File
      dnsPolicy: ClusterFirst
      restartPolicy: Always
      schedulerName: default-scheduler
      securityContext: {}
      terminationGracePeriodSeconds: 30
status:
  availableReplicas: 1
  conditions:
    - lastTransitionTime: "2022-03-18T13:17:18Z"
      lastUpdateTime: "2022-03-18T13:17:18Z"
      message: Deployment has minimum availability.
      reason: MinimumReplicasAvailable
      status: "True"
      type: Available
    - lastTransitionTime: "2022-03-18T13:16:56Z"
      lastUpdateTime: "2022-03-18T13:17:18Z"
      message: ReplicaSet "nginx-depl-5ddc44dd46" has successfully progressed.
      reason: NewReplicaSetAvailable
      status: "True"
      type: Progressing
  observedGeneration: 1
  readyReplicas: 1
  replicas: 1
  updatedReplicas: 1

```

```
C:\Users\metar>kubectl get deployment
```

NAME	READY	UP-TO-DATE	AVAILABLE	AGE
nginx-depl	1/1	1	1	33s

```
C:\Users\metar>kubectl get pod
```

NAME	READY	STATUS	RESTARTS	AGE
nginx-depl-5ddc44dd46-m4kg4	1/1	Running	0	54s

```
C:\Users\metar>kubectl get replicaset
```

NAME	DESIRED	CURRENT	READY	AGE
nginx-depl-5ddc44dd46	1	1	1	109s

```
C:\Users\metar>kubectl edit deployment
```

```
Edit cancelled, no changes made.
```

```
C:\Users\metar>kubectl edit deployment nginx-depl
```

```
deployment.apps/nginx-depl edited
```

```
C:\Users\metar>kubectl get deployment
```

NAME	READY	UP-TO-DATE	AVAILABLE	AGE
nginx-depl	1/1	1	1	7m19s

```
C:\Users\metar>kubectl get get pod
```

```
error: the server doesn't have a resource type "get"
```

```
C:\Users\metar>kubectl get pod
```

NAME	READY	STATUS	RESTARTS	AGE
nginx-depl-7d459cf5c8-bmdw8	1/1	Running	0	54s

```
C:\Users\metar>kubectl get replicaset
```

NAME	DESIRED	CURRENT	READY	AGE
nginx-depl-5ddc44dd46	0	0	0	8m18s
nginx-depl-7d459cf5c8	1	1	1	89s

```

C:\Users\metar>kubectl get replicaset
NAME                                DESIRED    CURRENT    READY    AGE
nginx-depl-5ddc44dd46              0          0          0        9m53s
nginx-depl-7d459cf5c8              1          1          1        3m4s

C:\Users\metar>kubectl logs nginx-depl-7d459cf5c8
Error from server (NotFound): pods "nginx-depl-7d459cf5c8" not found

C:\Users\metar>kubectl get pod
NAME                                READY     STATUS    RESTARTS   AGE
nginx-depl-7d459cf5c8-bmdw8        1/1      Running   0           4m53s

C:\Users\metar>kubectl logs nginx-depl-7d459cf5c8-bmdw8

C:\Users\metar>kubectl create deploymet mongo-depl --image=mongo
Error: unknown flag: --image
See 'kubectl create --help' for usage.

C:\Users\metar>kubectl create deployment mongo-depl --image=mongo
deployment.apps/mongo-depl created

C:\Users\metar>kubectl get pod
NAME                                READY     STATUS             RESTARTS   AGE
mongo-depl-85ddc6d66-14rjt         0/1      ContainerCreating   0           14s
nginx-depl-7d459cf5c8-bmdw8        1/1      Running             0          6m10s

```



```

C:\Users\metar>kubect1 describe pod mongo-depl-85ddc6d66-14rjt
Name:          mongo-depl-85ddc6d66-14rjt
Namespace:     default
Priority:       0
Node:          minikube/192.168.49.2
Start Time:    Fri, 18 Mar 2022 20:29:41 +0700
Labels:        app=mongo-depl
               pod-template-hash=85ddc6d66
Annotations:   <none>
Status:        Running
IP:            172.17.0.3
IPs:
  IP:          172.17.0.3
Controlled By: ReplicaSet/mongo-depl-85ddc6d66
Containers:
  mongo:
    Container ID:  docker://e62686e47cd44daf43a7ba3539a2ef1ec05d423d6fb580f4af926dec628e0961
    Image:         mongo
    Image ID:      docker-pullable://mongo@sha256:03ef0031c1642df26d9d3efa9d57e24929672e1ae7aba5818227752089adde36
    Port:          <none>
    Host Port:     <none>
    State:         Running
      Started:     Fri, 18 Mar 2022 20:30:31 +0700
    Ready:         True
    Restart Count:  0
    Environment:   <none>
    Mounts:
      /var/run/secrets/kubernetes.io/serviceaccount from kube-api-access-jrhz9 (ro)
Conditions:
  Type            Status
  Initialized     True
  Ready           True
  ContainersReady True
  PodScheduled    True
Volumes:
  kube-api-access-jrhz9:
    Type:              Projected (a volume that contains injected data from multiple sources)
    TokenExpirationSeconds: 3607
    ConfigMapName:      kube-root-ca.crt
    ConfigMapOptional:  <nil>
    DownwardAPI:        true
QoS Class:           BestEffort
Node-Selectors:      <none>
Tolerations:         node.kubernetes.io/not-ready:NoExecute op=Exists for 300s
                     node.kubernetes.io/unreachable:NoExecute op=Exists for 300s
Events:
  Type     Reason      Age    From          Message
  ----     -
  Normal   Scheduled   2m48s  default-scheduler  Successfully assigned default/mongo-depl-85ddc6d66-14rjt to minikube
  Normal   Pulling     2m47s  kubelet        Pulling image "mongo"
  Normal   Pulled      118s   kubelet        Successfully pulled image "mongo" in 48.4295684s
  Normal   Created     118s   kubelet        Created container mongo
  Normal   Started     118s   kubelet        Started container mongo

```

```

C:\Users\metar>

```

```

C:\Users\metar>kubectl get pod
NAME                                READY   STATUS    RESTARTS   AGE
mongo-depl-85ddc6d66-14rjt         1/1     Running   0           5m4s
nginx-depl-7d459cf5c8-bmdw8       1/1     Running   0           11m

C:\Users\metar>kubectl exec -it mongo-depl-85ddc6d66-14rjt -- bin/bash
root@mongo-depl-85ddc6d66-14rjt:/# ls
bin  data  docker-entrypoint-initdb.d  home  lib  lib64  media  opt  root  sbin  sys  usr
boot dev  etc                          js-yaml.js  lib32  libx32  mnt  proc  run  srv  tmp  var

root@mongo-depl-85ddc6d66-14rjt:/# exit
exit

C:\Users\metar>kubectl get deployment
NAME      READY   UP-TO-DATE   AVAILABLE   AGE
mongo-depl 1/1      1             1           10m
nginx-depl 1/1      1             1           23m

C:\Users\metar>kubectl get pod
NAME                                READY   STATUS    RESTARTS   AGE
mongo-depl-85ddc6d66-14rjt         1/1     Running   0           11m
nginx-depl-7d459cf5c8-bmdw8       1/1     Running   0           17m

C:\Users\metar>kubectl delete deployment mongo-depl
deployment.apps "mongo-depl" deleted

C:\Users\metar>kubectl get pod
NAME                                READY   STATUS    RESTARTS   AGE
nginx-depl-7d459cf5c8-bmdw8       1/1     Running   0           21m

C:\Users\metar>kubectl get replicaset
NAME                                DESIRED   CURRENT   READY   AGE
nginx-depl-5ddc44dd46              0         0         0       29m
nginx-depl-7d459cf5c8              1         1         1       22m

C:\Users\metar>kubectl delete deployment nginx-depl
deployment.apps "nginx-depl" deleted

C:\Users\metar>kubectl get replicaset
No resources found in default namespace.

```

K8s YAML Configuration File

```

C:\Users\metar\University\SA\assignment8>kubectl apply -f nginx-deployment.yaml
deployment.apps/nginx-deployment created

C:\Users\metar\University\SA\assignment8>kubectl apply -f nginx-service.yaml
service/nginx-service created

C:\Users\metar\University\SA\assignment8>kubectl get pod
NAME                                READY   STATUS    RESTARTS   AGE
nginx-deployment-599bddcccc-dcg22  1/1     Running   0           22s
nginx-deployment-599bddcccc-q7lmr  1/1     Running   0           22s

C:\Users\metar\University\SA\assignment8>kubectl get service
NAME            TYPE        CLUSTER-IP    EXTERNAL-IP  PORT(S)    AGE
kubernetes      ClusterIP   10.96.0.1     <none>       443/TCP    168m
nginx-service    ClusterIP   10.102.124.87 <none>       80/TCP     22s

```

```
C:\Users\metar\University\SA\assignment8>kubectl describe service nginx-service
Name:          nginx-service
Namespace:     default
Labels:        <none>
Annotations:   <none>
Selector:      app=nginx
Type:          ClusterIP
IP Family Policy: SingleStack
IP Families:   IPv4
IP:            10.102.124.87
IPs:           10.102.124.87
Port:          <unset> 80/TCP
TargetPort:    8080/TCP
Endpoints:     172.17.0.3:8080,172.17.0.4:8080
Session Affinity: None
Events:        <none>
```

```

nginx-deployment-result.yaml
1 apiVersion: apps/v1
2 kind: Deployment
3 metadata:
4   annotations:
5     deployment.kubernetes.io/revision: "1"
6     kubectl.kubernetes.io/last-applied-configuration: |
7       {"apiVersion":"apps/v1","kind":"Deployment","metadata":{
8         creationTimestamp: "2022-03-18T14:00:34Z"
9       },
10      labels:
11        app: nginx
12      name: nginx-deployment
13      namespace: default
14      resourceVersion: "5103"
15      uid: e046619e-301a-453a-875f-c59c05866d42
16    spec:
17      progressDeadlineSeconds: 600
18      replicas: 2
19      revisionHistoryLimit: 10
20      selector:
21        matchLabels:
22          app: nginx
23      strategy:
24        rollingUpdate:
25          maxSurge: 25%
26          maxUnavailable: 25%
27        type: RollingUpdate
28      template:
29        metadata:
30          creationTimestamp: null
31        labels:
32          app: nginx
33        spec:
34          containers:
35            - image: nginx:1.16
36              imagePullPolicy: IfNotPresent
37              name: nginx
38              ports:
39                - containerPort: 8080
40                  protocol: TCP
41              resources: {}
42              terminationMessagePath: /dev/termination-log
43              terminationMessagePolicy: File
44            dnsPolicy: ClusterFirst
45            restartPolicy: Always
46            schedulerName: default-scheduler
47            securityContext: {}
48            terminationGracePeriodSeconds: 30
49          status:
50            availableReplicas: 2
51            conditions:

```

```

nginx-service.yaml
1 apiVersion: v1
2 kind: Service
3 metadata:
4   name: nginx-service
5 spec:
6   selector:
7     app: nginx
8   ports:
9     - protocol: TCP
10      port: 80
11      targetPort: 8080

```

```

nginx-deployment.yaml
1 apiVersion: apps/v1
2 kind: Deployment
3 metadata:
4   name: nginx-deployment
5 labels:
6   app: nginx
7 spec:
8   replicas: 2
9   selector:
10    matchLabels:
11      app: nginx
12   template:
13     metadata:
14       labels:
15         app: nginx
16     spec:
17       containers:
18         - name: nginx
19           image: nginx:1.16
20           ports:
21             - containerPort: 8080

```

```
C:\Users\metar\University\SA\assignment8>kubectl delete -f nginx-deployment.yaml
deployment.apps "nginx-deployment" deleted
```

```
C:\Users\metar\University\SA\assignment8>kubectl delete -f nginx-service.yaml
service "nginx-service" deleted
```

Demo Project: MongoDB and MongoExpress

```
C:\Users\metar\University\SA\assignment8>kubectl apply -f mongo-secret.yaml
secret/mongodb-secret created

C:\Users\metar\University\SA\assignment8>kubectl get secret
NAME                                TYPE                                DATA  AGE
default-token-4xjn2                kubernetes.io/service-account-token  3      3h6m
mongodb-secret                     Opaque                              2      17s

C:\Users\metar\University\SA\assignment8>kubectl apply -f mongo.yaml
deployment.apps/mongodb-deployment created
service/mongodb-service created

C:\Users\metar\University\SA\assignment8>kubectl get all
NAME                                READY  STATUS              RESTARTS  AGE
pod/mongodb-deployment-7bb6c6c4c7-2bzj5  0/1    ContainerCreating   0          11s

NAME                                TYPE          CLUSTER-IP    EXTERNAL-IP    PORT(S)          AGE
service/kubernetes                  ClusterIP     10.96.0.1     <none>         443/TCP          3h7m
service/mongodb-service             ClusterIP     10.111.68.162 <none>         27017/TCP        11s

NAME                                READY  UP-TO-DATE  AVAILABLE  AGE
deployment.apps/mongodb-deployment  0/1    1           0          11s

NAME                                DESIRED  CURRENT  READY  AGE
replicaset.apps/mongodb-deployment-7bb6c6c4c7  1        1        0      11s

C:\Users\metar\University\SA\assignment8>kubectl get pod
NAME                                READY  STATUS    RESTARTS  AGE
mongodb-deployment-7bb6c6c4c7-2bzj5  1/1    Running   0          35s

C:\Users\metar\University\SA\assignment8>kubectl get pod --watch
NAME                                READY  STATUS    RESTARTS  AGE
mongodb-deployment-7bb6c6c4c7-2bzj5  1/1    Running   0          46s
```



```
C:\Windows\System32\cmd.exe
C:\Users\metar\University\SA\assignment8>kubectl get service
NAME         TYPE        CLUSTER-IP    EXTERNAL-IP    PORT(S)        AGE
kubernetes   ClusterIP    10.96.0.1      <none>          443/TCP         3h11m
mongodb-service ClusterIP    10.111.68.162 <none>          27017/TCP       3m56s

C:\Users\metar\University\SA\assignment8>kubectl get pod -o wide
NAME                                READY   STATUS    RESTARTS   AGE   IP           NODE     NOMINATED NODE   READINESS GATES
mongodb-deployment-7bb6c6c4c7-2bzj5 1/1     Running   0           4m28s 172.17.0.3   minikube <none>           <none>

C:\Users\metar\University\SA\assignment8>kubectl get all | grep mongodb
'grep' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\metar\University\SA\assignment8>kubectl appl -f mongo-configmap.yaml
Error: unknown command "appl" for "kubectl"

Did you mean this?
  apply

Run 'kubectl --help' for usage.

C:\Users\metar\University\SA\assignment8>kubectl apply -f mongo-configmap.yaml
configmap/mongodb-configmap created

C:\Users\metar\University\SA\assignment8>kubectl apply -f mongo-express.yaml
deployment.apps/mongo-express created
service/mongo-express-service created

C:\Users\metar\University\SA\assignment8>kubectl get pod
NAME                                READY   STATUS    RESTARTS   AGE
mongo-express-68c4748bd6-szkhq      0/1     ContainerCreating   0           20s
mongodb-deployment-7bb6c6c4c7-2bzj5 1/1     Running       0           12m

C:\Users\metar\University\SA\assignment8>kubectl get pod
NAME                                READY   STATUS    RESTARTS   AGE
mongo-express-68c4748bd6-szkhq      1/1     Running    0           52s
mongodb-deployment-7bb6c6c4c7-2bzj5 1/1     Running    0           13m

C:\Users\metar\University\SA\assignment8>kubectl get service
NAME         TYPE        CLUSTER-IP    EXTERNAL-IP    PORT(S)        AGE
kubernetes   ClusterIP    10.96.0.1      <none>          443/TCP         3h22m
mongo-express-service LoadBalancer 10.109.115.84 <pending>       8081:30000/TCP 2m15s
mongodb-service ClusterIP    10.111.68.162 <none>          27017/TCP       14m
```

Organizing your components with K8s Namespaces

Use Cases when to use Namespaces:

1. Structure your components
2. Avoid conflicts between team
3. Share services between different environments
4. Access and Resource Limit on Namespaces Level

```

C:\Users\metar\University\SA\assignment8>kubectl get namespace
NAME          STATUS   AGE
default       Active   3h36m
kube-node-lease  Active   3h36m
kube-public    Active   3h36m
kube-system    Active   3h36m

C:\Users\metar\University\SA\assignment8>kubectl cluster-info
Kubernetes control plane is running at https://127.0.0.1:63104
CoreDNS is running at https://127.0.0.1:63104/api/v1/namespaces/kube-system/services/kube-dns:dns/proxy

To further debug and diagnose cluster problems, use 'kubectl cluster-info dump'.

C:\Users\metar\University\SA\assignment8>kubectl create namespace my-namespace
namespace/my-namespace created

C:\Users\metar\University\SA\assignment8>kubectl get namespace
NAME          STATUS   AGE
default       Active   3h37m
kube-node-lease  Active   3h37m
kube-public    Active   3h37m
kube-system    Active   3h37m
my-namespace    Active   8s

C:\Users\metar\University\SA\assignment8>kubectl apply -f msq1-configmap.yaml
error: the path "msq1-configmap.yaml" does not exist

C:\Users\metar\University\SA\assignment8>kubectl apply -f mysql-configmap.yaml
configmap/mysql-configmap created

C:\Users\metar\University\SA\assignment8>kubectl get configmap
NAME          DATA   AGE
kube-root-ca.crt  1       3h51m
mongodb-configmap 1       32m
mysql-configmap  1       20s

C:\Users\metar\University\SA\assignment8>kubectl get configmap -n default
NAME          DATA   AGE
kube-root-ca.crt  1       3h52m
mongodb-configmap 1       32m
mysql-configmap  1       57s

C:\Users\metar\University\SA\assignment8>kubectl apply -f mysql-configmap.yaml --namespace=my-namespace
configmap/mysql-configmap created

C:\Users\metar\University\SA\assignment8>kubectl apply -f mysql-configmap.yaml --namespace=my-namespace
configmap/mysql-configmap unchanged

C:\Users\metar\University\SA\assignment8>kubectl get all -n my-namespace
No resources found in my-namespace namespace.

C:\Users\metar\University\SA\assignment8>kubectl get configmap -n my-namespace
NAME          DATA   AGE
kube-root-ca.crt  1       17m
mysql-configmap  1      115s

C:\Users\metar\University\SA\assignment8>_

```

K8s Ingress explained

```
C:\Windows\System32\cmd.exe - minikube dashboard
C:\Users\metar\University\SA\assignment8>kubectl apply -f dashboard-ingress.yaml
error: error validating "dashboard-ingress.yaml": error validating data: ValidationE
rror(Ingress.spec.rules[0].http.paths[0].backend.resource): unknown field "port" in
io.k8s.api.core.v1.TypedLocalObjectReference; if you choose to ignore these errors,
turn validation off with --validate=false

C:\Users\metar\University\SA\assignment8>kubectl apply -f dashboard-ingress.yaml
error: error validating "dashboard-ingress.yaml": error validating data: [Validation
Error(Ingress.spec.rules[0].http.paths[0].backend): unknown field "serviceName" in i
o.k8s.api.networking.v1.IngressBackend, ValidationError(Ingress.spec.rules[0].http.p
aths[0].backend): unknown field "servicePort" in io.k8s.api.networking.v1.IngressBac
kend, ValidationError(Ingress.spec.rules[0].http.paths[0]): missing required field "
pathType" in io.k8s.api.networking.v1.HTTPIngressPath]; if you choose to ignore thes
e errors, turn validation off with --validate=false

C:\Users\metar\University\SA\assignment8>minikube dashboard
* Enabling dashboard ...
  - Using image kubernetesui/dashboard:v2.3.1
  - Using image kubernetesui/metrics-scraper:v1.0.7
* Verifying dashboard health ...
* Launching proxy ...
* Verifying proxy health ...
* Opening http://127.0.0.1:51323/api/v1/namespaces/kubernetes-dashboard/services/htt
p:kubernetes-dashboard:proxy/ in your default browser...

Microsoft Windows [Version 10.0.22000.556]
(c) Microsoft Corporation. All rights reserved.

C:\Users\metar\University\SA\assignment8>kubectl get nas
error: the server doesn't have a resource type "nas"

C:\Users\metar\University\SA\assignment8>kubectl get ns
NAME                                STATUS    AGE
default                             Active   4h22m
ingress-nginx                       Active   21m
kube-node-lease                    Active   4h22m
kube-public                        Active   4h22m
kube-system                        Active   4h22m
kubernetes-dashboard               Active   56s
my-namespace                       Active   44m

C:\Users\metar\University\SA\assignment8>
```

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127.0.0.1:51323/api/v1/namespaces/kubernetes-dashboard/services/h... BETA

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kubernetes default Search +

Workloads

Workloads N

- Cron Jobs
- Daemon Sets
- Deployments
- Jobs
- Pods
- Replica Sets
- Replication Controllers
- Stateful Sets

Service N

- Ingresses
- Services

Config and Storage

- Config Maps N
- Persistent Volume Claims N
- Secrets N
- Storage Classes

Cluster

- Cluster Role Bindings
- Cluster Roles
- Namespaces
- Network Policies N
- Nodes
- Persistent Volumes

Workload Status

```
graph TD; A(( )) --- B(( )) --- C(( ))
```

Running: 2

Deployments

Running: 2

Pods


```

C:\Users\metar\University\SA\assignment8>kubect1 get all -n kubernetes-dashboard
NAME                                READY    STATUS    RESTARTS    AGE
pod/dashboard-metrics-scraper-58549894f-vzxt2  1/1      Running    0            2m35s
pod/kubernetes-dashboard-ccd587f44-pmsgn      1/1      Running    0            2m35s

NAME                                TYPE      CLUSTER-IP    EXTERNAL-IP    PORT(S)    AGE
service/dashboard-metrics-scraper  ClusterIP  10.110.221.132 <none>         8000/TCP    2m35s
service/kubernetes-dashboard        ClusterIP  10.102.34.45   <none>         80/TCP     2m35s

NAME                                READY    UP-TO-DATE    AVAILABLE    AGE
deployment.apps/dashboard-metrics-scraper  1/1      1              1            2m35s
deployment.apps/kubernetes-dashboard        1/1      1              1            2m35s

NAME                                DESIRED    CURRENT    READY    AGE
replicaset.apps/dashboard-metrics-scraper-58549894f  1          1          1        2m35s
replicaset.apps/kubernetes-dashboard-ccd587f44      1          1          1        2m35s

```

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