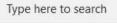
```
@ ubuntu@ip-172-31-41-203: ~
```

```
ubuntu@ip-172-31-41-203:~/minikube-demo$ ls
deployment.yaml service.yaml
ubuntu@ip-172-31-41-203:~/minikube-demo$ cd ...
ubuntu@ip-172-31-41-203:~$ 1s
minikube-demo minikube-linux-amd64
ubuntu@ip-172-31-41-203:~$ kubectl get pods
NAME
                                    READY
                                             STATUS
                                                       RESTARTS
                                                                     AGE
nginx-deployment-6f9664446b-49qwm
                                     1/1
                                             Running
                                                       1 (42m ago)
                                                                     53m
nginx-deployment-6f9664446b-4s8p7
                                     1/1
                                             Running
                                                                     26m
nginx-deployment-6f9664446b-bs791
                                     1/1
                                                                     58m
                                             Running
                                                       1 (42m ago)
nginx-deployment-6f9664446b-jp7vn
                                     1/1
                                             Running
                                                       1 (42m ago)
                                                                      53m
nginx-deployment-6f9664446b-1r2t5
                                     1/1
                                             Running
                                                                     26m
ubuntu@ip-172-31-41-203:~$ kubectl get services
NAME
                TYPE
                            CLUSTER-IP
                                             EXTERNAL-IP
                                                                           AGE
                                                           PORT(S)
                            10.96.0.1
                                                                           71m
kubernetes
                ClusterIP
                                             <none>
                                                           443/TCP
nginx-service
                NodePort
                            10.109.251.88
                                             <none>
                                                           80:30007/TCP
                                                                           56m
ubuntu@ip-172-31-41-203:~$ kubectl scale deployment nginx-deployment --replicas=5
deployment.apps/nginx-deployment scaled
ubuntu@ip-172-31-41-203:~$
```



















NAME

```
ubuntu@ip-172-31-41-203:~/minikube-demo$ ls
deployment.yaml service.yaml
```

ubuntu@ip-172-31-41-203:~/minikube-demo\$ cd ...

ubuntu@ip-172-31-41-203:~\$ 1s

minikube-demo minikube-linux-amd64

ubuntu@ip-172-31-41-203:~\$ kubectl get pods

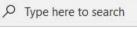
***************************************				D						
nginx-deploymen	nt-6f9664446	o-49qwm	1/1	Running	1	(42m	ago)	53m		
nginx-deployment-6f9664446b-4s8p7			1/1	Running	0			26m		
nginx-deployment-6f9664446b-bs791			1/1	Running	1	(42m	ago)	58m		
nginx-deployment-6f9664446b-jp7vn			1/1	Running	1	(42m	ago)	53m		
nginx-deployment-6f9664446b-1r2t5			1/1	Running	0			26m		
ubuntu@ip-172-	31-41-203:~\$	kubectl	get ser	vices						
NAME	TYPE	CLUSTE	R-IP	EXTERNAL.	-IP	POR	T(S)		AGE	
kubernetes	ClusterIP	10.96.0	0.1	<none></none>		443	/TCP		71m	
nginx-service	NodePort	10.109	.251.88	<none></none>		80:	30007	/TCP	56m	
ubuntu@ip-172-	31-41-203:~\$	kubectl	scale de	eployment i	ngir	x-dep	loymen	ntr	eplicas	=5
deployment.app:	s/nginx-depl	oyment so	caled			STATE SHAPE	-11.6		Marine Coloreda -	
ubuntu@ip-172-	31-41-203:~\$	kubectl	describe	e pod						

READY

STATUS

RESTARTS

AGE





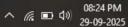












ubuntu@ip-172-31-41-203:~\$ kubectl describe pod nginx-deployment-6f9664446b-49qwm

nginx-deployment-6f9664446b-49qwm Name:

default Namespace:

Priority:

Service Account: default

Node: minikube/192.168.49.2

Mon, 29 Sep 2025 13:59:29 +0000 Start Time:

Labels: app=nginx

pod-template-hash=6f9664446b

<none> Annotations: Status: Running 10.244.0.20 IP:

IPs:

10.244.0.20 IP:

Controlled By: ReplicaSet/nginx-deployment-6f9664446b

Containers: nginx:

> docker://f2b8b8b41befbb402106c15fccb7e02205f53036b5682e7ede8df6d268fd667e Container ID:

nginx:latest Image:

docker-pullable://nginx@sha256:d5f28ef21aabddd098f3dbc21fe5b7a7d7a184720bc07da0b6c9b9820e97f25e Image ID:

Port: 80/TCP Host Port: 0/TCP State: Running

Mon, 29 Sep 2025 14:21:44 +0000 Started:

Last State: Terminated Reason: Completed

Exit Code:

Mon, 29 Sep 2025 13:59:35 +0000 Started: Mon, 29 Sep 2025 14:10:31 +0000 Finished:

Ready: True Restart Count: 1

















default Namespace:

Priority:

Service Account: default

Node: minikube/192.168.49.2

Start Time: Mon, 29 Sep 2025 13:59:29 +0000

Labels: app=nginx

pod-template-hash=6f9664446b

Annotations: <none> Status: Running 10.244.0.20 IP:

IPs:























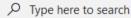
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@ ubuntu@ip-172-31-41-203: ~ ubuntu@ip-172-31-41-203:~\$ kubectl describe pod nginx-deployment-6f9664446b-4s8p7 nginx-deployment-6f9664446b-4s8p7 Name: default Namespace: Priority: Service Account: default Node: minikube/192.168.49.2 Mon, 29 Sep 2025 14:26:38 +0000 Start Time: Labels: app=nginx pod-template-hash=6f9664446b Annotations: <none> Status: Running IP: 10.244.0.23 IPs: 10.244.0.23 IP: Controlled By: ReplicaSet/nginx-deployment-6f9664446b Containers: nginx: docker://a85d6e4164f47f7b8a4e59ad99ed4eda96f8544856432112f91a2f4142faf9d6 Container ID: nginx:latest Image: docker-pullable://nginx@sha256:d5f28ef21aabddd098f3dbc21fe5b7a7d7a184720bc07da0b6c9b9820e97f25e Image ID: Port: 80/TCP 0/TCP Host Port: State: Running Mon, 29 Sep 2025 14:26:44 +0000 Started: Ready: True Restart Count: Environment: <none> Mounts: /var/run/secrets/kubernetes.io/serviceaccount from kube-api-access-96nn4 (ro) Conditions: Status Type

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@ ubuntu@ip-172-31-41-203: ~

ubuntu@ip-172-31-41-203:~\$ kubectl describe pod nginx-deployment-6f9664446b-bs791

nginx-deployment-6f9664446b-bs791 Name:

default Namespace:

Priority:

Service Account: default

Node: minikube/192.168.49.2

Start Time: Mon, 29 Sep 2025 13:55:05 +0000

Labels: app=nginx

pod-template-hash=6f9664446b

<none> Annotations: Status: Running IP: 10.244.0.21

IPs:

10.244.0.21 IP:

Controlled By: ReplicaSet/nginx-deployment-6f9664446b

Containers: nginx:

> docker://a4000bebba1395a5f735720201821bcfe498306d19c6bcd78da4ad8de725e130 Container ID:

nginx:latest Image:

docker-pullable://nginx@sha256:d5f28ef21aabddd098f3dbc21fe5b7a7d7a184720bc07da0b6c9b9820e97f25e Image ID:

Port: 80/TCP 0/TCP Host Port: State: Running

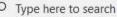
Mon, 29 Sep 2025 14:21:51 +0000 Started:

Last State: Terminated Reason: Completed

Exit Code:

Mon, 29 Sep 2025 13:55:15 +0000 Started: Mon, 29 Sep 2025 14:10:31 +0000 Finished:

Ready: True Restart Count: 1













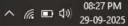














NAME: CLUSTER-IP TYPE EXTERNAL-IP PORT(S) AGE kubernetes ClusterIP 10.96.0.1 443/TCP 71m <none> NodePort 10.109.251.88 <none> 80:30007/TCP 56m nginx-service

ubuntu@ip-172-31-41-203:~\$ kubectl scale deployment nginx-deployment --replicas=5

deployment.apps/nginx-deployment scaled

Name: nginx-deployment-6f9664446b-49qwm

ubuntu@ip-172-31-41-203:~\$ kubectl get services

Namespace: default

Priority: 0

Service Account: default

Node: minikube/192.168.49.2

Start Time: Mon, 29 Sep 2025 13:59:29 +0000

Labels: app=nginx

pod-template-hash=6f9664446b

Annotations: <none>
Status: Running
IP: 10.244.0.20

IPs:

@ ubuntu@ip-172-31-41-203: ~ ubuntu@ip-172-31-41-203:~\$ kubectl describe pod nginx-deployment-6f9664446b-jp7vn nginx-deployment-6f9664446b-jp7vn Name: default Namespace: Priority: Service Account: default Node: minikube/192.168.49.2 Mon, 29 Sep 2025 13:59:29 +0000 Start Time: Labels: app=nginx pod-template-hash=6f9664446b <none> Annotations: Status: Running IP: 10.244.0.17 IPs: 10.244.0.17 IP: Controlled By: ReplicaSet/nginx-deployment-6f9664446b Containers: nginx: docker://724af45eeabced296642a9c4e40e302a3739b5bdc3f3e80bc5b23005f94e26fb Container ID: nginx:latest Image: docker-pullable://nginx@sha256:d5f28ef21aabddd098f3dbc21fe5b7a7d7a184720bc07da0b6c9b9820e97f25e Image ID: Port: 80/TCP 0/TCP Host Port: State: Running Mon, 29 Sep 2025 14:21:42 +0000 Started: Last State: Terminated Reason: Completed





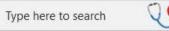
Ready:

Exit Code:

Started:

Finished:

Restart Count: 1



True





Mon, 29 Sep 2025 13:59:38 +0000

Mon, 29 Sep 2025 14:10:31 +0000





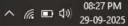








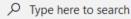


































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@ ubuntu@ip-172-31-41-203: ~ ubuntu@ip-172-31-41-203:~\$ kubectl describe pod nginx-deployment-6f9664446b-1r2t5 nginx-deployment-6f9664446b-1r2t5 Name: default Namespace: Priority: Service Account: default Node: minikube/192.168.49.2 Mon, 29 Sep 2025 14:26:38 +0000 Start Time: Labels: app=nginx pod-template-hash=6f9664446b Annotations: <none> Status: Running IP: 10.244.0.22 IPs: 10.244.0.22 IP: Controlled By: ReplicaSet/nginx-deployment-6f9664446b Containers: nginx: docker://dc04f60c7b1f06c57ee9afcdba5be12042b2dec431d689d253cc6f6a92eb5d29 Container ID: nginx:latest Image: docker-pullable://nginx@sha256:d5f28ef21aabddd098f3dbc21fe5b7a7d7a184720bc07da0b6c9b9820e97f25e Image ID: Port: 80/TCP 0/TCP Host Port: State: Running Mon, 29 Sep 2025 14:26:41 +0000 Started: Ready: True Restart Count: Environment: <none> Mounts: /var/run/secrets/kubernetes.io/serviceaccount from kube-api-access-ggr5r (ro) Conditions: Status Type

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