

minikube status

Profile "minikube" not found. Run "minikube profile list" to view all profiles.

To start a cluster, run: "minikube start"

```
Processing triggers for shared-mime-info (1.15-1) ...
Processing triggers for mime-support (3.64ubuntu1) ...
Processing triggers for libgl1-0:amd64 (2.64.0-1-ubuntu20.04.4) ...
Setting up libgtk-3-0:amd64 (3.24.20-0ubuntu1) ...
Processing triggers for libc-bin (2.31-0ubuntu9.2) ...
Setting up libgtk-3-bin (3.24.20-0ubuntu1) ...
Setting up qt5-gtk-platformtheme:amd64 (5.12.8+dfsg-0ubuntu1) ...
Processing triggers for libgdk-pixbuf2.0-0:amd64 (2.40.0+dfsg-3ubuntu0.2) ...
ubuntu@ip-172-31-42-3:~$ minikube status
🐹 Profile "minikube" not found. Run "minikube profile list" to view all profiles.
👉 To start a cluster, run: "minikube start"
ubuntu@ip-172-31-42-3:~$
```

minikube profile list

Exiting due to MK_USAGE_NO_PROFILE: No minikube profile was found.

Suggestion:

You can create one using 'minikube start'.

```
ubuntu@ip-172-31-42-3:~$ minikube profile list

🐹 Exiting due to MK_USAGE_NO_PROFILE: No minikube profile was found.
Suggestion:

You can create one using 'minikube start'.
```

minikube start

Automatically selected the docker driver. Other choices: virtualbox, none, ssh

Exiting due to RSRC_INSUFFICIENT_CORES: Requested cpu count 2 is greater than the available cpus of 1

```
Suggestion:

You can create one using 'minikube start'.

ubuntu@ip-172-31-42-3:~$ minikube start
🐹 minikube v1.23.2 on Ubuntu 20.04
👉 Automatically selected the docker driver. Other choices: virtualbox, none, ssh
🚫 Exiting due to RSRC_INSUFFICIENT_CORES: Requested cpu count 2 is greater than the available cpus of 1
ubuntu@ip-172-31-42-3:~$
```

minikube start --vm-driver=virtualbox

minikube v1.23.2 on Ubuntu 20.04

Using the virtualbox driver based on user configuration

Exiting due to RSRC_INSUFFICIENT_CORES: Requested cpu count 2 is greater than the available cpus of 1

```
minikube v1.23.2 on Ubuntu 20.04
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🚫 Exiting due to RSRC_INSUFFICIENT_CORES: Requested cpu count 2 is greater than the available cpus of 1
ubuntu@ip-172-31-42-3:~$ minikube start --vm-driver=virtualbox
🐹 minikube v1.23.2 on Ubuntu 20.04
👉 Using the virtualbox driver based on user configuration
🚫 Exiting due to RSRC_INSUFFICIENT_CORES: Requested cpu count 2 is greater than the available cpus of 1
ubuntu@ip-172-31-42-3:~$
```

minikube start --vm-driver=nono

minikube v1.23.2 on Ubuntu 20.04

Exiting due to DRV_UNSUPPORTED_OS: The driver 'nono' is not supported on linux/amd64

```
ubuntu@ip-172-31-42-3: ~  
ubuntu@ip-172-31-42-3:~$ minikube start --vm-driver=virtualbox  
😊 minikube v1.23.2 on Ubuntu 20.04  
🌟 Using the virtualbox driver based on user configuration  
❌ Exiting due to RSRC_INSUFFICIENT_CORES: Requested cpu count 2 is greater than the available cpus of 1  
ubuntu@ip-172-31-42-3:~$ minikube start --vm-driver=nono  
😊 minikube v1.23.2 on Ubuntu 20.04  
❌ Exiting due to DRV_UNSUPPORTED_OS: The driver 'nono' is not supported on linux/amd64  
ubuntu@ip-172-31-42-3:~$
```

minikube start --vm-driver=ssh

Exiting due to RSRC_INSUFFICIENT_CORES: Requested cpu count 2 is greater than the available cpus of 1

```
ubuntu@ip-172-31-42-3: ~  
ubuntu@ip-172-31-42-3:~$ minikube start --vm-driver=nono  
😊 minikube v1.23.2 on Ubuntu 20.04  
❌ Exiting due to DRV_UNSUPPORTED_OS: The driver 'nono' is not supported on linux/amd64  
ubuntu@ip-172-31-42-3:~$ minikube start --vm-driver=ssh  
😊 minikube v1.23.2 on Ubuntu 20.04  
🌟 Using the ssh driver based on user configuration  
❌ Exiting due to RSRC_INSUFFICIENT_CORES: Requested cpu count 2 is greater than the available cpus of 1  
ubuntu@ip-172-31-42-3:~$
```

minikube status

😊 minikube v1.23.2 on Ubuntu 20.04

Using the ssh driver based on user configuration

Exiting due to RSRC_INSUFFICIENT_CORES: Requested cpu count 2 is greater than the available cpus of 1

```
ubuntu@ip-172-31-42-3: ~  
❌ Exiting due to DRV_UNSUPPORTED_OS: The driver 'nono' is not supported on linux/amd64  
ubuntu@ip-172-31-42-3:~$ minikube start --vm-driver=ssh  
😊 minikube v1.23.2 on Ubuntu 20.04  
🌟 Using the ssh driver based on user configuration  
❌ Exiting due to RSRC_INSUFFICIENT_CORES: Requested cpu count 2 is greater than the available cpus of 1  
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👤 Profile "minikube" not found. Run "minikube profile list" to view all profiles.  
👉 To start a cluster, run: "minikube start"  
ubuntu@ip-172-31-42-3:~$
```

minikube start

minikube v1.23.2 on Ubuntu 20.04

Automatically selected the docker driver. Other choices: virtualbox, ssh, none

Exiting due to RSRC_INSUFFICIENT_CORES: Requested cpu count 2 is greater than the available cpus of 1

```
ubuntu@ip-172-31-42-3: ~  
Exiting due to RSRC_INSUFFICIENT_CORES: Requested cpu count 2 is greater than the available cpus of 1  
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Exiting due to RSRC_INSUFFICIENT_CORES: Requested cpu count 2 is greater than the available cpus of 1  
ubuntu@ip-172-31-42-3:~$
```

vi pod_.yaml

apiVersion: v1

kind: Pod

metadata:

name: my-pod

spec:

containers:

- image: nginx:1.12

name: nginx

ports:

- containersPort: 80

```
ubuntu@ip-172-31-42-3: ~  
---  
apiVersion: v1  
kind: Pod  
metadata:  
  name: my-pod  
spec:  
  containers:  
  - image: nginx:1.12  
    name: nginx  
    ports:  
    - containersPort: 80  
-- INSERT --  
11,3 All
```

kubectl apply -f pod_.yaml

The connection to the server localhost:8080 was refused - did you specify the right host or port?

```
ubuntu@ip-172-31-42-3: ~  
🚧 Profile "minikube" not found. Run "minikube profile list" to view all profiles.  
👉 To start a cluster, run: "minikube start"  
ubuntu@ip-172-31-42-3:~$ minikube start  
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Exiting due to RSRC_INSUFFICIENT_CORES: Requested cpu count 2 is greater than the available cpus of 1  
ubuntu@ip-172-31-42-3:~$ vi pod_.yaml  
ubuntu@ip-172-31-42-3:~$ kubectl apply -f pod_.yaml  
The connection to the server localhost:8080 was refused - did you specify the right host or port?  
ubuntu@ip-172-31-42-3:~$
```

kubectl get pod

The connection to the server localhost:8080 was refused - did you specify the right host or port?

```
ubuntu@ip-172-31-42-3: ~  
ubuntu@ip-172-31-42-3:~$ minikube start  
🌟 minikube v1.23.2 on Ubuntu 20.04  
🌟 Automatically selected the docker driver. Other choices: virtualbox, ssh, none  
❌ Exiting due to RSRC_INSUFFICIENT_CORES: Requested cpu count 2 is greater than the available cpus of 1  
ubuntu@ip-172-31-42-3:~$ vi pod.yaml  
ubuntu@ip-172-31-42-3:~$ kubectl apply -f pod.yaml  
The connection to the server localhost:8080 was refused - did you specify the right host or port?  
ubuntu@ip-172-31-42-3:~$ kubectl get pod  
The connection to the server localhost:8080 was refused - did you specify the right host or port?  
ubuntu@ip-172-31-42-3:~$
```

kubectl get pod my-pod

The connection to the server localhost:8080 was refused - did you specify the right host or port?

```
ubuntu@ip-172-31-42-3: ~  
🌟 Automatically selected the docker driver. Other choices: virtualbox, ssh, none  
❌ Exiting due to RSRC_INSUFFICIENT_CORES: Requested cpu count 2 is greater than the available cpus of 1  
ubuntu@ip-172-31-42-3:~$ vi pod.yaml  
ubuntu@ip-172-31-42-3:~$ kubectl apply -f pod.yaml  
The connection to the server localhost:8080 was refused - did you specify the right host or port?  
ubuntu@ip-172-31-42-3:~$ kubectl get pod  
The connection to the server localhost:8080 was refused - did you specify the right host or port?  
ubuntu@ip-172-31-42-3:~$ kubectl get pod my-pod  
The connection to the server localhost:8080 was refused - did you specify the right host or port?  
ubuntu@ip-172-31-42-3:~$
```

kubectl describe pod my-pod

The connection to the server localhost:8080 was refused - did you specify the right host or port?

```
ubuntu@ip-172-31-42-3: ~  
❌ Exiting due to RSRC_INSUFFICIENT_CORES: Requested cpu count 2 is greater than the available cpus of 1  
ubuntu@ip-172-31-42-3:~$ vi pod.yaml  
ubuntu@ip-172-31-42-3:~$ kubectl apply -f pod.yaml  
The connection to the server localhost:8080 was refused - did you specify the right host or port?  
ubuntu@ip-172-31-42-3:~$ kubectl get pod  
The connection to the server localhost:8080 was refused - did you specify the right host or port?  
ubuntu@ip-172-31-42-3:~$ kubectl get pod my-pod  
The connection to the server localhost:8080 was refused - did you specify the right host or port?  
ubuntu@ip-172-31-42-3:~$ kubectl describe pod my-pod  
The connection to the server localhost:8080 was refused - did you specify the right host or port?  
ubuntu@ip-172-31-42-3:~$
```

kubectl delete pod my-pod

The connection to the server localhost:8080 was refused - did you specify the right host or port?

```
ubuntu@ip-172-31-42-3: ~  
Error: unknown command "describ" for "kubectl"  
Did you mean this?  
    describe  
Run 'kubectl --help' for usage.  
ubuntu@ip-172-31-42-3:~$ kubectl delete pod my-pod  
The connection to the server localhost:8080 was refused - did you specify the right host or port?  
ubuntu@ip-172-31-42-3:~$
```

vi replicaset_.yaml

```
---  
apiVersion: apps/v1  
kind: ReplicaSet  
metadata:  
  name: my-replicaset  
spec:  
  replicas: 2  
  selector:  
    matchLabels:  
      app: my-app  
  template:  
    metadata:  
      labels:  
        app: my-app  
    spec:  
      containers:  
      - image: nginx:1.12  
        name: nginx  
        ports:  
        - containerPort: 80
```

```
ubuntu@ip-172-31-42-3: ~  
---  
apiVersion: apps/v1  
kind: ReplicaSet  
metadata:  
  name: my- replicaset  
spec:  
  replicas: 2  
  selector:  
    matchLabels:  
      app: my-app  
  template:  
    metadata:  
      labels:  
        app: my-app  
    spec:  
      containers:  
      - image: nginx:1.12  
        name: nginx  
        ports:  
        - containerPort: 80  
~  
~  
-- INSERT --  
20,13 All
```

kubectl apply -f replicaset_.yaml

The connection to the server localhost:8080 was refused - did you specify the right host or port?

```
describe

Run 'kubectl --help' for usage.
ubuntu@ip-172-31-42-3:~$ kubectl delete pod my-pod
The connection to the server localhost:8080 was refused - did you specify the right host or port?
ubuntu@ip-172-31-42-3:~$ vi replicaset.yaml
ubuntu@ip-172-31-42-3:~$ kubectl apply -f replicaset.yaml
The connection to the server localhost:8080 was refused - did you specify the right host or port?
ubuntu@ip-172-31-42-3:~$
```

kubectl get pods

The connection to the server localhost:8080 was refused - did you specify the right host or port?

```
Run 'kubectl --help' for usage.
ubuntu@ip-172-31-42-3:~$ kubectl delete pod my-pod
The connection to the server localhost:8080 was refused - did you specify the right host or port?
ubuntu@ip-172-31-42-3:~$ vi replicaset.yaml
ubuntu@ip-172-31-42-3:~$ kubectl apply -f replicaset.yaml
The connection to the server localhost:8080 was refused - did you specify the right host or port?
ubuntu@ip-172-31-42-3:~$ kubectl get pods
The connection to the server localhost:8080 was refused - did you specify the right host or port?
ubuntu@ip-172-31-42-3:~$
```

vi replicaset.yaml

```
metadata:
  name: my- replicaset
spec:
  replicas: 3
  selector:
    matchLabels:
      app: my-app
-- INSERT --
```

kubectl apply -f replicaset.yaml

The connection to the server localhost:8080 was refused - did you specify the right host or port?

```
ubuntu@ip-172-31-42-3:~$ kubectl apply -f replicaset.yaml
The connection to the server localhost:8080 was refused - did you specify the right host or port?
ubuntu@ip-172-31-42-3:~$ kubectl get pods
The connection to the server localhost:8080 was refused - did you specify the right host or port?
ubuntu@ip-172-31-42-3:~$ vi replicaset.yaml
ubuntu@ip-172-31-42-3:~$ kubectl apply -f replicaset.yaml
The connection to the server localhost:8080 was refused - did you specify the right host or port?
ubuntu@ip-172-31-42-3:~$
```

kubectl get pods

The connection to the server localhost:8080 was refused - did you specify the right host or port?

```
ubuntu@ip-172-31-42-3: ~  
ubuntu@ip-172-31-42-3:~$ kubectl get pods  
The connection to the server localhost:8080 was refused - did you specify the right host or port?  
ubuntu@ip-172-31-42-3:~$ vi replicaset_.yaml  
ubuntu@ip-172-31-42-3:~$ kubectl apply -f replicaset_.yaml  
The connection to the server localhost:8080 was refused - did you specify the right host or port?  
ubuntu@ip-172-31-42-3:~$ kubectl get pods  
The connection to the server localhost:8080 was refused - did you specify the right host or port?  
ubuntu@ip-172-31-42-3:~$
```

kubectl describ pod my-replicaset-krmxz
Error: unknown command "describ" for "kubectl"
Did you mean this?
describe
Run 'kubectl --help' for usage.

```
ubuntu@ip-172-31-42-3: ~  
ubuntu@ip-172-31-42-3:~$ kubectl describ pod my-replicaset-krmxz  
Error: unknown command "describ" for "kubectl"  
  
Did you mean this?  
describe  
  
Run 'kubectl --help' for usage.  
ubuntu@ip-172-31-42-3:~$
```

vi deployment_.yaml

```
---  
apiVersion: apps/v1  
kind: Deployment  
metadata:  
  name: my-deployment2  
spec:  
  replicas: 2  
  selector:  
    matchLabels:  
      app: my-app  
  template:  
    metadata:  
      labels:  
        app: my-app  
    spec:  
      containers:  
      - image: nginx:1.12  
        name: nginx  
        ports:  
        - containersPort: 80
```



```
ubuntu@ip-172-31-42-3: ~  
---  
apiVersion: apps/v1  
kind: Deployment  
metadata:  
  name: my-deployment2  
spec:  
  replicas: 2  
  selector:  
    matchLabels:  
      app: my-app  
  template:  
    metadata:  
      labels:  
        app: my-app  
    spec:  
      containers:  
      - image: nginx:1.12  
        name: nginx  
        ports:  
        - containersPort: 80  
:wq
```

kubectl apply -f deployment_.yaml

The connection to the server localhost:8080 was refused - did you specify the right host or port?

```
ubuntu@ip-172-31-42-3: ~  
Did you mean this?  
  describe  
  
Run 'kubectl --help' for usage.  
ubuntu@ip-172-31-42-3:~$ vi deployment_.yaml  
ubuntu@ip-172-31-42-3:~$ kubectl apply -f deployment_.yaml  
The connection to the server localhost:8080 was refused - did you specify the right  
host or port?  
ubuntu@ip-172-31-42-3:~$
```

kubectl get pods

The connection to the server localhost:8080 was refused - did you specify the right host or port?


```
ubuntu@ip-172-31-42-3: ~  
Run 'kubectl --help' for usage.  
ubuntu@ip-172-31-42-3:~$ vi deployment_.yaml  
ubuntu@ip-172-31-42-3:~$ kubectl apply -f deployment_.yaml  
The connection to the server localhost:8080 was refused - did you specify the right  
host or port?  
ubuntu@ip-172-31-42-3:~$ kubectl get pods  
The connection to the server localhost:8080 was refused - did you specify the right  
host or port?  
ubuntu@ip-172-31-42-3:~$
```

kubectl describe pod my-deployment2-76499ffb7-fnxjk
Error: unknown command "describ" for "kubectl"
Did you mean this?
describe
Run 'kubectl --help' for usage.

```
ubuntu@ip-172-31-42-3: ~  
The connection to the server localhost:8080 was refused - did you specify the right  
host or port?  
ubuntu@ip-172-31-42-3:~$ kubectl describ pod my-deployment2-76499ffb7-fnxjk  
Error: unknown command "describ" for "kubectl"  
  
Did you mean this?  
describe  
  
Run 'kubectl --help' for usage.  
ubuntu@ip-172-31-42-3:~$
```

kubectl get deployments
The connection to the server localhost:8080 was refused - did you specify the right host or port?

```
ubuntu@ip-172-31-42-3: ~  
Error: unknown command "describ" for "kubectl"  
  
Did you mean this?  
describe  
  
Run 'kubectl --help' for usage.  
ubuntu@ip-172-31-42-3:~$ kubectl get deployments  
The connection to the server localhost:8080 was refused - did you specify the right  
host or port?  
ubuntu@ip-172-31-42-3:~$
```

kubectl describ deployments my-deployment2
Error: unknown command "describ" for "kubectl"
Did you mean this?
describe
Run 'kubectl --help' for usage.

```
ubuntu@ip-172-31-42-3: ~  
ubuntu@ip-172-31-42-3:~$ kubectl describ deployments my-deployment2  
Error: unknown command "describ" for "kubectl"  
  
Did you mean this?  
    describe  
  
Run 'kubectl --help' for usage.  
ubuntu@ip-172-31-42-3:~$
```

kubectl get pods

The connection to the server localhost:8080 was refused - did you specify the right host or port?

```
Did you mean this?  
    describe  
  
Run 'kubectl --help' for usage.  
ubuntu@ip-172-31-42-3:~$ kubectl get pods  
The connection to the server localhost:8080 was refused - did you specify the right  
host or port?  
ubuntu@ip-172-31-42-3:~$
```