

kubectl cluster-info

```
Терминал - tolstikov@my3vm: ~
Файл  Правка  Вид  Терминал  Вкладки  Справка
tolstikov@my3vm:~$ kubectl cluster-info
Kubernetes control plane is running at https://192.168.49.2:8443
CoreDNS is running at https://192.168.49.2:8443/api/v1/namespaces/kube-system/services/kube-dns:dns
/proxy

To further debug and diagnose cluster problems, use 'kubectl cluster-info dump'.
tolstikov@my3vm:~$
```

kubectl get node

```
Терминал - tolstikov@my3vm: ~
Файл  Правка  Вид  Терминал  Вкладки  Справка
/proxy

To further debug and diagnose cluster problems, use 'kubectl cluster-info dump'.
tolstikov@my3vm:~$ kubectl get node
NAME          STATUS    ROLES          AGE      VERSION
minikube      Ready     control-plane,master  3d19h    v1.22.2
tolstikov@my3vm:~$
```

kubectl create ns kubedoom

```
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To further debug and diagnose cluster problems, use 'kubectl cluster-info dump'.
tolstikov@my3vm:~$ kubectl get node
NAME          STATUS    ROLES          AGE      VERSION
minikube      Ready     control-plane,master  3d19h    v1.22.2
tolstikov@my3vm:~$ kubectl create ns kubedoom
namespace/kubedoom created
tolstikov@my3vm:~$
```

vi kubedoom.yaml

```
Терминал - tolstikov@my3vm: ~
Файл  Правка  Вид  Терминал  Вкладки  Справка

---
apiVersion: v1
kind: ServiceAccount
metadata:
  name: kubedoom
  namespace: kubedoom
---
apiVersion: rbac.authorization.k8s.io/v1
kind: ClusterRoleBinding
metadata:
  name: kubedoom
roleRef:
  apiGroup: rbac.authorization.k8s.io
  kind: ClusterRole
  name: cluster-admin
subjects:
- kind: ServiceAccount
  name: kubedoom
  namespace: kubedoom
---
apiVersion: apps/v1
kind: Deployment
metadata:
  name: kubedoom-deployment
  namespace: kubedoom
spec:
  replicas: 2
  strategy:
    type: RollingUpdate
    rollingUpdate:
      maxSurge: 0
      maxUnavailable: 1
  selector:
    matchLabels:
      app: kubedoom-app
  template:
    metadata:
      labels:
        app: kubedoom-app
    spec:
      hostNetwork: true
      serviceAccountName: kubedoom
      containers:
      - image: storaxdev/kubedoom:0.5.0
        name: kubedoom
        ports:
        - containerPort: 5900
          protocol: TCP
~
:wq
```

```
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---
apiVersion: v1
kind: ServiceAccount
metadata:
  name: kubedoom
  namespace: kubedoom
---
apiVersion: rbac.authorization.k8s.io/v1
kind: ClusterRoleBinding
metadata:
  name: kubedoom
roleRef:
  apiGroup: rbac.authorization.k8s.io
  kind: ClusterRole
  name: cluster-admin
subjects:
- kind: ServiceAccount
  name: kubedoom
  namespace: kubedoom
---
apiVersion: apps/v1
kind: Deployment
metadata:
  name: kubedoom-deployment
  namespace: kubedoom
spec:
  replicas: 1
  strategy:
    type: RollingUpdate
    rollingUpdate:
      maxSurge: 0
      maxUnavailable: 1
  selector:
    matchLabels:
      app: kubedoom-app
  template:
    metadata:
      labels:
        app: kubedoom-app
    spec:
      hostNetwork: true
      serviceAccountName: kubedoom
      containers:
      - image: storaxdev/kubedoom:0.5.0
        name: kubedoom
        ports:
        - containerPort: 5900
          protocol: TCP
~
~
~
~
~
~
~
: wq
```

kubectl apply -f kubedoom.yaml

```
Терминал - tolstikov@my3vm: ~
Файл  Правка  Вид  Терминал  Вкладки  Справка

tolstikov@my3vm:~$ kubectl apply -f kubedoom.yaml
serviceaccount/kubedoom unchanged
clusterrolebinding.rbac.authorization.k8s.io/kubedoom unchanged
deployment.apps/kubedoom-deployment configured
tolstikov@my3vm:~$
```

```
Терминал - tolstikov@my3vm: ~
Файл  Правка  Вид  Терминал  Вкладки  Справка

tolstikov@my3vm:~$ kubectl apply -f kubedoom.yaml
serviceaccount/kubedoom created
clusterrolebinding.rbac.authorization.k8s.io/kubedoom created
deployment.apps/kubedoom-deployment created
tolstikov@my3vm:~$
```

kubectl get pod

```
Терминал - tolstikov@my3vm: ~
Файл  Правка  Вид  Терминал  Вкладки  Справка

tolstikov@my3vm:~$ kubectl get pod
NAME                                READY   STATUS    RESTARTS   AGE
app-probe-f775c7b8f-58g9w          1/1     Running   1 (145m ago)  5h19m
balanced-5744b548b4-nhlf4          1/1     Running   0           134m
hello-minikube-6ddfcc9757-lxjpj    1/1     Running   2 (145m ago)  3d20h
my-deployment2-76499ffb7-c2w4g     1/1     Running   1 (145m ago)  32h
my-deployment2-76499ffb7-xzqqf     1/1     Running   1 (145m ago)  32h
my-pod                              1/1     Running   1 (145m ago)  33h
my-replicaset-qb674                1/1     Running   1 (145m ago)  32h
my-replicaset-v5k2j                1/1     Running   1 (145m ago)  32h
my-replicaset-wzfqm                1/1     Running   1 (145m ago)  32h
tolstikov@my3vm:~$
```

kubectl describ pod kubedoom-deployment

```
Терминал - tolstikov@my3vm: ~
Файл  Правка  Вид  Терминал  Вкладки  Справка

my-pod                                1/1     Running   1 (145m ago)  33h
my-replicaset-qb674                1/1     Running   1 (145m ago)  32h
my-replicaset-v5k2j                1/1     Running   1 (145m ago)  32h
my-replicaset-wzfqm                1/1     Running   1 (145m ago)  32h
tolstikov@my3vm:~$ kubectl describ pod kubedoom-deployment
Error: unknown command "describ" for "kubectl"

Did you mean this?
    describe

Run 'kubectl --help' for usage.
tolstikov@my3vm:~$
```

kubectl logs pod kubedoom-deployment

```
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my-replicaset-v5k2j                1/1     Running   1 (145m ago)  32h
my-replicaset-wzfqm                1/1     Running   1 (145m ago)  32h
tolstikov@my3vm:~$ kubectl describ pod kubedoom-deployment
Error: unknown command "describ" for "kubectl"

Did you mean this?
    describe

Run 'kubectl --help' for usage.
tolstikov@my3vm:~$ kubectl logs pod kubedoom-deployment
Error from server (NotFound): pods "pod" not found
tolstikov@my3vm:~$
```