

## install

```
ubuntu@k0s-ctrl:~$ curl --proto '=https' --tlsv1.2 -sSf https://get.k0s.sh |  
sudo sh  
ubuntu@k0s-ctrl:~$ k0s version  
v1.31.1+k0s.1
```

Crea il servizio systemd:

```
ubuntu@k0s-ctrl:~$ sudo k0s install
```

## Bootstrap controller

Bootstrap del nodo controller (non single mode)

```
ubuntu@k0s-ctrl:~$ sudo mkdir -p /etc/k0s  
ubuntu@k0s-ctrl:~$ k0s config create | sudo tee /etc/k0s/k0s.yaml  
ubuntu@k0s-ctrl:~$ sudo k0s install controller -c /etc/k0s/k0s.yaml  
ubuntu@k0s-ctrl:~$ sudo systemctl start k0scontroller.service
```

Verifica:

```
ubuntu@k0s-ctrl:~$ sudo k0s status  
Version: v1.31.1+k0s.1  
Process ID: 7885  
Role: controller  
Workloads: false  
SingleNode: false
```

## creazione worker

Sul controller creare un token (si può reindirizzare su file)

```
ubuntu@k0s-ctrl:~$ sudo k0s token create --role=worker --expiry=100h
```

Sul candidato nodo installare k0s con curl (vedi sopra) e copiare il token generato nel controller in un file (es k8s\_worker\_token)

```
ubuntu@a6:~$ sudo k0s install worker --token-file ./k8s_worker_token  
ubuntu@a6:~$ sudo k0s start  
<(code>
```

Verificare il successo dell'operazione sul controller

```
<code>  
ubuntu@k0s-ctrl:~$ kubectl get node  
NAME      STATUS    ROLES    AGE    VERSION
```

```
a6      Ready      <none>    4m6s    v1.31.1+k0s
```

k0s incorpora kubectl, che fa prefissato da k0s. Esempio:

```
ubuntu@k0s-ctrl:~$ sudo k0s kubectl cluster-info
```

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