

Bastion Kubectl ()

References:

Installing Kubectl: <https://kubernetes.io/docs/tasks/tools/>

```
curl -LO https://dl.k8s.io/release/v1.24.6/bin/linux/amd64/kubectl
```

% Total	% Received	% Xferd	Average Speed	Time	Time	Time	Current
			Dload Upload Total Spent Left Speed				
100	138	100	138	0	0	666	0
100	43.6M	100	43.6M	0	0	21.0M	0

ls

```
kubectl kubespray kubesprayv2.20 original-ks.cfg
```

```
curl -LO https://dl.k8s.io/release/v1.24.6/bin/linux/amd64/kubectl.sha256
```

% Total	% Received	% Xferd	Average Speed	Time	Time	Time	Current
			Dload Upload Total Spent Left Speed				
100	138	100	138	0	0	650	0
100	64	100	64	0	0	122	0

ls

```
kubectl kubectl.sha256 kubespray kubesprayv2.20 original-ks.cfg
```

```
echo "$(cat kubectl.sha256) kubectl" | sha256sum --check
```

```
kubectl: OK
```

```
sudo install -o root -g root -m 0755 kubectl /usr/local/bin/kubectl
```

```
kubectl version --client
```

WARNING: This version information is deprecated and will be replaced with the output from kubectl version --short. Use --output=yaml|json to get the full version.

```
Client Version: version.Info{Major:"1", Minor:"24", GitVersion:"v1.24.6",
```

```
GitCommit:"b39bf148cd654599a52e867485c02c4f9d28b312", GitTreeState:"clean", BuildDate:"2022-09-21T13:19:24Z", GoVersion:"go1.18.6", Compiler:"gc", Platform:"linux/amd64"}
```

```
Kustomize Version: v4.5.4
```

```
# Master[ ] [ ] '.kube/config' [ ] [ ]
```

```
mkdir .kube
```

```
cd .kube
```

```
vi config
```

```
# [ ] [ ] [ ] [ ], [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
```

```
kubectl get nodes
```

The connection to the server 127.0.0.1:6443 was refused - did you specify the right host or port?

```
# [ ] 5[ ] [ ] [ ] IP[ ] Master[ ] IP[ ] [ ]
```

```
vi config
```

```
server: https://192.168.122.8:6443
```

```
kubectl get nodes
```

NAME	STATUS	ROLES	AGE	VERSION
node1	Ready	control-plane	13d	v1.24.6
node2	Ready	<none>	13d	v1.24.6
node3	Ready	<none>	13d	v1.24.6

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