

Challenge 05

I want to access k8s from local machine

Step-1:

--Copy the admin.conf file from master to local by using below command:

```
cp /etc/kubernetes/admin.conf /home/ubuntu/admin.conf
```

--Provide the permission to it by using below command:

```
chown ubuntu:ubuntu /home/ubuntu/admin.conf
```

```
root@master:~# cp /etc/kubernetes/admin.conf /home/ubuntu/admin.conf
root@master:~# chown ubuntu:ubuntu /home/ubuntu/admin.conf
```

Step-2:

--Download the admin.conf file to local by using below command:

```
scp -i k8s.pem ubuntu@52.15.79.253:/home/ubuntu/admin.conf ~/kubeconfig
```

```
naren@narendar MINGW64 ~ (master)
$ scp -i k8s.pem ubuntu@52.15.79.253:/home/ubuntu/admin.conf ~/kubeconfig
```

Step-3:

--check for the file kubeconfig in local , and edit the file add master pub Ip in the file

Step-4:

--move the file to correct location using below command:

```
mkdir -p ~/.kube
mv ~/kubeconfig ~/.kube/config
```

Step-5:

--check the nodes Using below command:

```
kubectl --insecure-skip-tls-verify=true get nodes
```

```
naren@narendar MINGW64 ~ (master)
$ kubectl --insecure-skip-tls-verify=true get nodes
NAME                STATUS    ROLES    AGE   VERSION
ip-172-31-13-158    Ready    <none>    9d    v1.29.15
ip-172-31-4-112     Ready    <none>    9d    v1.29.15
master              Ready    control-plane 9d    v1.29.15
```

Now we can access k8s cluster from local machine.