



KUBERNETES MODULE 6

Hands-on: 1

Controlling Cluster from outside

Operation 1: Create a cluster and unrelated host with kubectl installed. Then from your cluster master extract the config file

Cat config

```
ubuntu@ip-172-31-32-239:~$ clear
ubuntu@ip-172-31-32-239:~$ cd .kube/
ubuntu@ip-172-31-32-239:~/ .kube$ ls
cache  config  http-cache
ubuntu@ip-172-31-32-239:~/ .kube$ cat config
```

Operation 2: Copy the config file then move to your unrelated cluster create a folder named .kube/ and create a file named config and paste the config

Mkdir .kube

Cd .kube/

Nano config

Paste the configuration of the master in this config file

```
root@ip-172-31-87-181:/home/ubuntu# mkdir .kube
root@ip-172-31-87-181:/home/ubuntu# cd .kube/
root@ip-172-31-87-181:/home/ubuntu/.kube# nano config
root@ip-172-31-87-181:/home/ubuntu/.kube# cd ..
root@ip-172-31-87-181:/home/ubuntu# █
```

Operation 3: Check the contexts

kubectl config get-contexts

```
ubuntu@ip-172-31-87-181:~$ kubectl config get-contexts
CURRENT  NAME                                CLUSTER      AUTHINFO      NAMESPACE
*         kubernetes-admin@kubernetes        kubernetes   kubernetes-admin
```

