*Setup Kubernetes master and worker nodes*

# Master node

* Sudo su
* Apt-get update
* Apt-get install apt-transport-https
* Apt install docker.io -y
* Docker -version
* Systemctl start docker
* Systemctl enable docker
* Sudo curl -s <https://packages.cloud.google.com/apt/doc/apt-key.gpg> | sudo apt-key add
* Nano /etc/apt/sources.list.d/Kubernetes.list
* Deb <https://apt.kubernetes.io/> Kubernetes-xenial main
* Apt-get update
* Apt-get install -y kubelet kubeadm kubectl Kubernetes-cni

( BOOTSTRAPING THE MASTER NODE “ IN MASTER NODE”)

* Kubeadm init

( COPY THE COMMAND TO RUN IN NODES & SAVE IN NOTEPAD )

* Mkdir -p $HOME/.kube/config
* Kubectl apply -f <https://raw.githubusercontent.com/coreos/flannel/master/Documentation/kube-flannel.yml>
* Kubectl apply -f <https://raw.githubusercontent.com/coreos/flannel/master/Documentation/kube-flannel.yml>

# worker node-1

* Sudo su
* Apt-get update
* Apt-get install apt-transport-https
* Apt install docker.io -y
* Docker -version
* Systemctl start docker
* Systemctl enable docker
* Sudo curl -s <https://packages.cloud.google.com/apt/doc/apt-key.gpg> | sudo apt-key add
* Nano /etc/apt/sources.list.d/Kubernetes.list
* Deb <https://apt.kubernetes.io/> Kubernetes-xenial main
* Apt-get update
* Apt-get install -y kubelet kubeadm kubectl Kubernetes-cni

( CONFIGURE WORKER NODES “IN NODES” )

* Paste this code ( kubeadm join 172.31.47.222:6443 --token a2dheg.iwy8szt7j9x8a5v2 --discovery-token-ca-cert-hash sha256:22e6b148a76dde4dfb83a7865a2000c8433cee09c5472fb2c67295f7a5d846be)

# worker node-2

* Sudo su
* Apt-get update
* Apt-get install apt-transport-https
* Apt install docker.io -y
* Docker -version
* Systemctl start docker
* Systemctl enable docker
* Sudo curl -s <https://packages.cloud.google.com/apt/doc/apt-key.gpg> | sudo apt-key add
* Nano /etc/apt/sources.list.d/Kubernetes.list
* Deb <https://apt.kubernetes.io/> Kubernetes-xenial main
* Apt-get update
* Apt-get install -y kubelet kubeadm kubectl Kubernetes-cni

( CONFIGURE WORKER NODES “IN NODES” )

* Paste this code ( kubeadm join 172.31.47.222:6443 --token a2dheg.iwy8szt7j9x8a5v2 --discovery-token-ca-cert-hash sha256:22e6b148a76dde4dfb83a7865a2000c8433cee09c5472fb2c67295f7a5d846be)