\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*COMMANDS FOR K8s Installation\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbUVfMWpLLVN6TnltcnlyOXpTc3kybHJteUZ4QXxBQ3Jtc0ttSTZWNHVwZ2ZHOUhSdkEtbkJXTGdoUUdoYUNIZFRCQkRwVl8yckV3VWtMUnBQczl5YkJraUhVc1VtT0lTdllwUGtDZFNONlJpWDh4Y3JiOHJOZmppTHF5WTh0NVhVSFo1QzhoS3NiT2xDRUJRX1hfaw&q=https%3A%2F%2Fpackages.cloud.google.com%2Fapt%2Fdoc%2Fapt-key.gpg) | sudo apt-key add

nano /etc/apt/sources.list.d/kubernetes.list

deb [http://apt.kubernetes.io/](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbjlYM2tXcjViMzU0bk1WM09qZXVGNkYwZ3p3UXxBQ3Jtc0tuaVpMY2RHcGtvYURQTTk5TXhHV3hCUDd1MEFHS3VMV2RFdXV2eC1rSkpiYVpXaFBQZHU1dHE4Z0NCdXRTdGlLYWl6N3pTNUNhd29ZNmZwbHhudTN6Z0pwWURrVHZXb1A3MVExMlQySFh1cTR5OVd4SQ&q=http%3A%2F%2Fapt.kubernetes.io%2F) kubernetes-xenial main

apt-get update

apt-get install -y kubelet kubeadm kubectl kubernetes-cni

BOOTSTRAPPING THE MASTER NODE (IN MASTER)

kubeadm init

COPY THE COMMAND TO RUN IN NODES & SAVE IN NOTEPAD

mkdir -p $HOME/.kube

cp -i /etc/kubernetes/admin.conf $HOME/.kube/config

chown $(id -u):$(id -g) $HOME/.kube/config

kubectl apply -f [https://raw.githubusercontent.com/cor...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqazNSNUxfQVFTaGVOQ0s3bkZqaTNTMkN5b2dVQXxBQ3Jtc0tuZ2hrNzdKbjNFYWU5U2tZclFNTFotS3ltWUpVR3REaXd2ZDJDQ2xKYVUxd1h0c0M1eXRwMnhQN2hLMjZMcFVqZGZPdGhza3l5MFdjN3B2QnE1Rk9Fd3Y4Rk5rRlUxN0RmS3FaZkhQWENxellFcEJmTQ&q=https%3A%2F%2Fraw.githubusercontent.com%2Fcoreos%2Fflannel%2Fmaster%2FDocumentation%2Fkube-flannel.yml)

kubectl apply -f [https://raw.githubusercontent.com/cor...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbEFGRzR0clVqSmNMRUF6ZENESzhXZkVjbkdKd3xBQ3Jtc0trOEVZTlFCNEd0MllWaERwZ3NBMXppNFQxeHR6b0pwMGlBdVpNbC1xRWhUMldFZllKd2xtbnF1UUhTMDY3d2wxenJQQnRxZlB6MFpNQ3NlekptbDdNTk5vaHo0OEg1TXBjcUktVWFQbl9RWjFqY0hBVQ&q=https%3A%2F%2Fraw.githubusercontent.com%2Fcoreos%2Fflannel%2Fmaster%2FDocumentation%2Fk8s-manifests%2Fkube-flannel-rbac.yml)

CONFIGURE WORKER NODES (IN NODES)

COPY LONG CODE PROVIDED MY MASTER IN NODE NOW LIKE CODE GIVEN BELOW

e.g- kubeadm join 172.31.6.165:6443 --token kl9fhu.co2n90v3rxtqllrs --discovery-token-ca-cert-hash sha256:b0f8003d23dbf445e0132a53d7aa1922bdef8d553d9eca06e65c928322b3e7c0

GO TO MASTER AND RUN THIS COMMAND kubectl get nodes \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*END\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*