kube cluster  
- "master" node ~ control-plane-endpoint  
- worker "node1"  
- worker "node2"  
  
  
Step-1 Initialize the Kubernetes  cluster by using 'kubeadm'  
  
sudo kubeadm init --control-plane-endpoint=master  
  
Step-2 Install Network Addon: Weavenetworks, Calico  
  
Weave Network:  
kubectl apply -f <https://github.com/weaveworks/weave/releases/download/v2.8.1/weave-daemonset-k8s.yaml>  
  
Calico:  
kubectl apply -f <https://raw.githubusercontent.com/projectcalico/calico/v3.25.0/manifests/calico.yaml>  
  
  
  
  
Troubleshooting:  
sudo rm /etc/containerd/config.toml  
sudo systemctl restart containerd  
sudo kubeadm reset  
  
sudo kubeadm join master:6443 --token o6pvl7.528cc35jim8ki82h \  
        --discovery-token-ca-cert-hash sha256:029121ac5eb2ef6c9f861ffdcc4bb91d255c3c6aefce95b050bcc0b82563cac6  
  
  
linuxadmin@master:~$ kubectl get nodes  
NAME     STATUS   ROLES           AGE   VERSION  
master   Ready    control-plane   28m   v1.28.2  
node1    Ready    <none>          13s   v1.28.2  
node2    Ready    <none>          10m   v1.28.2