

kubernetes setting

kubeadm&kubelet&kubectl 설치(master node&worker node)

```
$ curl -s https://packages.cloud.google.com/apt/doc/apt-key.gpg | sudo apt-key add
$ sudo apt-add-repository "deb http://apt.kubernetes.io/ kubernetes-xenial main"
$ sudo apt install -y kubelet=1.15.5-00 kubeadm=1.15.5-00 kubectl=1.15.5-00
$ sudo apt-mark hold kubelet kubeadm kubectl
$ sudo sysctl net.bridge.bridge-nf-call-iptables=1
```

kubernetes cluster 생성(master node)

```
$ sudo swapoff -a
$ sudo kubeadm init --pod-network-cidr=192.168.0.0/16
$ mkdir -p $HOME/.kube
$ sudo cp -i /etc/kubernetes/admin.conf $HOME/.kube/config
$ sudo chown $(id -u):$(id -g) $HOME/.kube/config
$ kubectl taint nodes --all node-role.kubernetes.io/master-
$ kubectl apply -f https://docs.projectcalico.org/v3.11/manifests/calico.yaml
```

kubernetes cluster join(worker node)

```
$ sudo swapoff -a
$ sudo kubeadm join 마스터노드아이피:6443 --token 토큰 --discovery-token-ca-cert-hash sha256:해쉬값
```

kubernetes node 확인

```
$ kubectl get nodes
```

(node 상태가 not ready이라면)

```
### kubelet 상태 확인
$ sudo systemctl status kubelet
### kubelet 재시작
$ sudo systemctl restart kubelet
$ sudo systemctl enable kubelet
### 다시한번 kubelet 확인
$ sudo systemctl status kubelet
```