

vi test.sh

```
apt-get update && apt-get install -y apt-transport-https curl
curl -s https://packages.cloud.google.com/apt/doc/apt-key.gpg | apt-key add -
cat <<EOF >/etc/apt/sources.list.d/kubernetes.list
deb http://apt.kubernetes.io/ kubernetes-xenial main
EOF
apt-get update
apt-get install -y kubelet kubeadm kubectl
apt-mark hold kubelet kubeadm kubectl
apt install docker.io -y
kubeadm init --token=102952.1a7dd4cc8d1f4cc5 --kubernetes-version $(kubeadm
version -o short)
systemctl daemon-reload
systemctl restart kubelet
```

sudo sh test.sh

```
mkdir -p $HOME/.kube
cp -i /etc/kubernetes/admin.conf $HOME/.kube/config
chown $(id -u):$(id -g) $HOME/.kube/config
```

On nodes

vi test.sh

```
apt-get update && apt-get install -y apt-transport-https curl
curl -s https://packages.cloud.google.com/apt/doc/apt-key.gpg | apt-key add -
cat <<EOF >/etc/apt/sources.list.d/kubernetes.list
deb http://apt.kubernetes.io/ kubernetes-xenial main
EOF
apt-get update
apt-get install -y kubelet kubeadm kubectl
apt-mark hold kubelet kubeadm kubectl
apt install docker.io -y

kubeadm join 172.31.18.102:6443 --token 102952.1a7dd4cc8d1f4cc5 --discovery-
token-ca-cert-hash
sha256:e6c1a5b99d5e1ab3a578a953b5540199656ae19414d4a6a97d4013538fb2de
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```

on master

```
kubectl apply -f "https://cloud.weave.works/k8s/net?k8s-version=$(kubectl version |
base64 | tr -d '\n')"
```

```
kubect1 label node ip-172-31-31-232 node-role.kubernetes.io/worker2=worker2
```

```
kubect1 get pods -n kube-system -o wide
```

Reference:

<https://kubernetes.io/docs/setup/independent/install-kubeadm/>

<https://www.katacoda.com/courses/kubernetes>