**Installing Helm on Jenkins server**

**Enable 10250 on Master and Worker Nodes for helm communication**

port: 10250

**Add Jenkins user into sudoers file to get sudo access**

vi /etc/sudoers

jenkins ALL=(ALL) NOPASSWD: ALL

curl https://raw.githubusercontent.com/helm/helm/master/scripts/get-helm-3 > get\_helm.sh

chmod 700 get\_helm.sh

./get\_helm.sh -v v2.14.1

**Installing Tiller**

**Create a tiller Serviceaccount in Kubernetes Master**

kubectl -n kube-system create serviceaccount tiller

**Bind the tiller serviceaccount to the cluster-admin role in Kubernetes Master:**

kubectl create clusterrolebinding tiller --clusterrole cluster-admin --serviceaccount=kube-system:tiller

**Copy admin.conf file from Kubernetes master to Jenkins user's home directory in Jenkins server**

mkdir /var/lib/jenkins/.kube

Manually copy /etc/kubernetes/admin.conf file to /var/lib/jenkins/.kube/config file

chown -R jenkins:jenkins /home/jenkins/.kube

**Run 'helm init' in Jenkins Server to configure helm**

helm init --service-account tiller