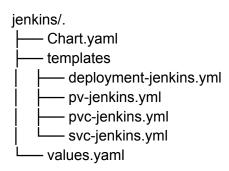
#### Simple Helm

#### Empty values.yml



# pv-jenkins.yml

apiVersion: v1

kind: PersistentVolume

metadata:

name: local-pv

spec:

capacity: storage: 1Gi accessModes: - ReadWriteOnce

persistentVolumeReclaimPolicy: Retain

storageClassName: manual

hostPath:

path: /mnt/data

### pvc-jenkins.yml

apiVersion: v1

kind: PersistentVolumeClaim

metadata:

name: jenkins-pvc

spec:

accessModes:

- ReadWriteOnce

resources:

requests: storage: 1Gi

storageClassName: manual

## svc-jenkins.yml

apiVersion: v1
kind: Service
metadata:
name: jenkins-service
spec:
type: NodePort
selector:
app: jenkins-set
ports:
- port: 8080
targetPort: 8080
nodePort: 30077

### deployment-jenkins.yml

apiVersion: apps/v1 kind: Deployment metadata: name: jenkins-deployment labels: app: jenkins-set spec: replicas: 2 strategy: type: RollingUpdate rollingUpdate: maxSurge: 2 maxUnavailable: 0 selector: matchLabels: app: jenkins-set template: metadata: labels: app: jenkins-set spec: volumes: - name: local-volume persistentVolumeClaim: claimName: jenkins-pvc

containers:

- name: jenkins

image: jenkins/jenkins:latest

ports:

- containerPort: 8080

volumeMounts:

- name: local-volume

mountPath: /var/jenkins\_home

#### Commands

helm install my-jenkins /jenkins -n my-jenkins --create-namespace

helm upgrade my-jenkins ./ -n my-jenkins --set replicas=3

kubectl get all -n my-jenkins

helm uninstall my-jenkins -n my-jenkins

helm Is -A