Demo: Deploying Jenkins X to Kubernetes Cluster

Solution:

Step 1: Install prerequisites for jx.

Commands to run on cloud shell:

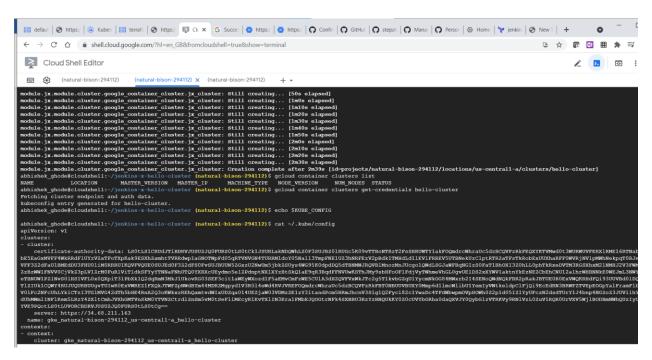
gcloud config set project <GCP project>

gcloud config set compute/zone <compute zone GCP>

gcloud container clusters list

gcloud container clusters get-credentials < name of cluster>

cat ~/.kube/config



cd ~

helm version (will shows helm 3)

curl -L https://git.io/get_helm.sh | bash

helm version (now, it will show helm 2 which is required for this demo)

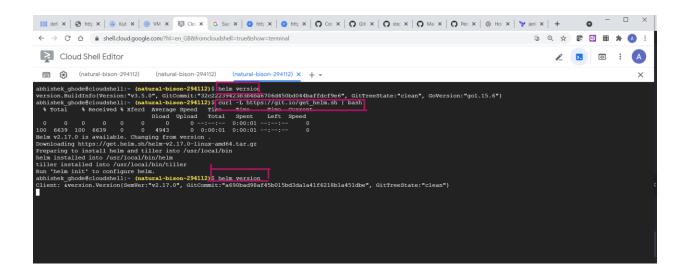
// install kubectl 1.16

curl -LO https://storage.googleapis.com/kubernetes-release/release/v1.16.0/bin/linux/amd64/kubectl

CICD using Jenkins X - Par 1

chmod +x ./kubectl
sudo mv ./kubectl /usr/local/bin/kubectl

kubectl version -client



Step 2: install jx and check its version.

curl -L https://github.com/jenkins-x/jx/releases/download/v2.1.50/jx-linux-amd64.tar.gz | tar xzv sudo mv jx /usr/local/bin

ls

jx version

kubectl get ns

jx ns jx

CICD using Jenkins X - Par 1

