DEPLOYMENT OF APP IN IBM CLOUD DEPLOY IN KUBERNETES CLUSTER

Team ID	PNT2022TMID50559
Project Name	CONTAINMENT ZONE ALERTING
	APPLICATION
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	1.	Target the IBM	Cloud Kubernetes	Service region	where you	want to work.
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ibmcloud cs region-set us-south

- 2. Set the context for the cluster in your CLI.
 - a. Get the command to set the environment variable and download the Kubernetes configuration files.

ibmcloud cs cluster-config cluster_kunal

- b. Set the KUBECONFIG environment variable. Copy the output from the previous command and paste it in your terminal. The command output should look similar to the following.
- > export KUBECONFIG=/Users/\$USER/.bluemix/plugins/container-service/clusters/< cluster_name >/< cluster_configuration_file.yaml>
- 3. Verify that you can connect to your cluster by listing your worker nodes.

kubectl get nodes

4. Create the deployment.

kubectl create -f deployment.yaml

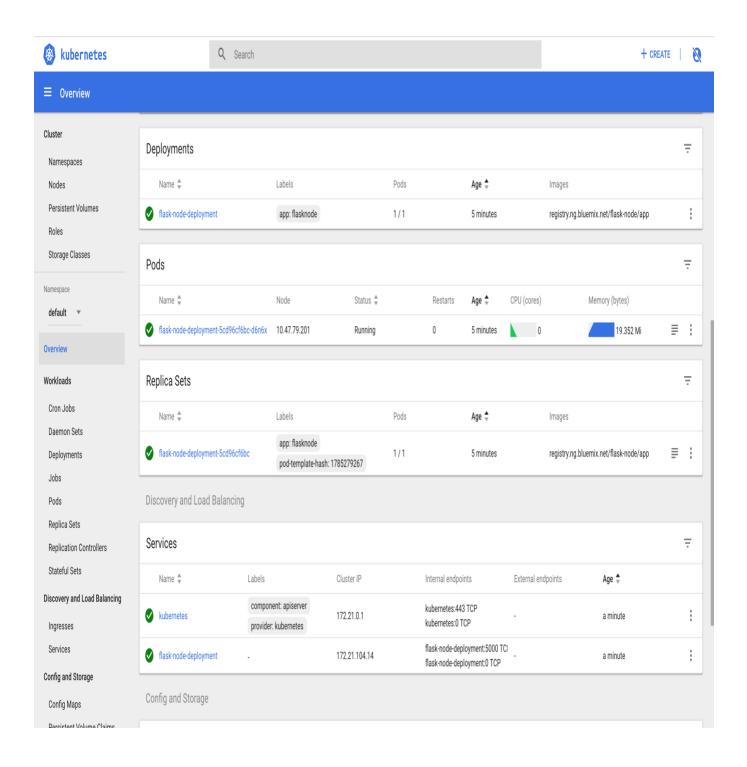
Kunals-MacBook-Pro:web kunalmalhotra\$ kubectl create -f deployment.yaml deployment.extensions/flask-node-deployment created

5. Create the service.

kubectl create -f service.yaml



6. Look at the Kubernetes dashboard from the IBM Kubernetes Service overview page.



7. Finally, go to your browser and ping the Public IP of your worker node.

