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Reading Data from ConfigMap

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- name: DB\_DRIVER

valueFrom:

configMapKeyRef:

name: vinod-config-map

key: DB\_DRIVER

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Reading Data from Secret

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- name: DB\_PASSWORD

valueFrom:

secretKeyRef:

name: vinod-secret

key: DB\_PASSWORD

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java spring boot with MySQL db deployment

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Using the below resource, we can deploy our project

configmap

secret

deployment

pv

pvc

Download the manifest yml files from the below url

# Git clone https://github.com/suffixscope/configmap-secrets.git

1) Create Config Map

$ kubectl apply -f <yml>

$ kubectl get cm

2) Create Secret

$ kubectl apply -f <yml>

$ kubectl get secret

3) Create PV

$ kubectl apply -f <yml>

$ kubectl get pv

4) Create PVC

$ kubectl apply -f <yml>

$ kubectl get pvc

5) Create DB Deployment

$ kubectl apply -f <yml>

$ kubectl get pods

$ kubectl get svc

####### Note: We can check mysql db is running in the pod or not ##########

$ kubectl exec -it <db-pod-name> bash

$ mysql -h localhost -u root -p

$ show databases;

### Exit from database : $exit ###

6) Create App Deployment

$ kubectl apply -f <yml>

Note: Check app pod running in which worker node then enable node-port number in security group in-bound rules.