

## Deploy In Kubernetes Cluster

Team ID	PNT2022TMID32947
Project Name	Project – Plasma Donor Application

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Command Prompt
Login Succeeded

C:\Users\sivan>cd C:\Users\sivan\Downloads\POA
C:\Users\sivan\Downloads\POA>kubectl apply -f deployment.yaml
deployment.apps/flask-node-deployment created

C:\Users\sivan\Downloads\POA>kubectl apply -f service.yaml
service/flask-node-deployment created

C:\Users\sivan\Downloads\POA>kubectl get pods
NAME                                READY   STATUS    RESTARTS   AGE
flask-node-deployment-7f988f84fd-dckn7 0/1     ErrImagePull 0           74s

C:\Users\sivan\Downloads\POA>ibmcloud plugin install kubernetes-service
Looking up 'kubernetes-service' from repository 'IBM Cloud'...
Plug-in 'container-service[kubernetes-service/ks] 1.0.459' found in repository 'IBM Cloud'
Attempting to download the binary file...
26.86 MB / 26.86 MB [=====] 100.00% 37s
28168192 bytes downloaded
Installing binary...
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\sivan\bluemix\plugins\container-service. Use 'ibmcloud plugin show container-service' to show its details.

C:\Users\sivan\Downloads\POA>kubectl get service
NAME                                TYPE        CLUSTER-IP   EXTERNAL-IP   PORT(S)    AGE
flask-node-deployment              ClusterIP   10.102.34.236 <none>        5000/TCP    3m47s
kubernetes                         ClusterIP   10.96.0.1    <none>        443/TCP    13m

C:\Users\sivan\Downloads\POA>
```

Plasma Donor App Home Register

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Login