

Creating Kubernetes Cluster using IBM Cloud Container Registry

```
C:\Windows\System32\cmd.exe

Targeted account Chandramouli V's Account (040e6e55879742a39df9744b96d97e3f)

API endpoint: https://cloud.ibm.com
Region: jp-tok
User: 210419104038@smartinternz.com
Account: Chandramouli V's Account (040e6e55879742a39df9744b96d97e3f)
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:

E:\Nutrition Assistant>ibmcloud ks cluster config -c cdjo2mcf00fgs315jdg0
OK
The configuration for cdjo2mcf00fgs315jdg0 was downloaded successfully.

Added context for cdjo2mcf00fgs315jdg0 to the current kubeconfig file.
You can now execute 'kubectl' commands against your cluster. For example, run 'kubectl get nodes'.
If you are accessing the cluster for the first time, 'kubectl' commands might fail for a few seconds while RBAC synchronizes.

E:\Nutrition Assistant>kubectl create -f deployment.yaml
Error from server (AlreadyExists): error when creating "deployment.yaml": deployments.apps "nutrition-app-1" already exists

E:\Nutrition Assistant>kubectl get deployment
NAME READY UP-TO-DATE AVAILABLE AGE
nutrition-app-1 1/1 1 1 3h9m

E:\Nutrition Assistant>kubectl get pods
NAME READY STATUS RESTARTS AGE
nutrition-app-1-6bddbc6574-9c7mm 1/1 Running 0 3h9m

E:\Nutrition Assistant>kubectl expose deployment nutrition-app-1 --type=NodePort --name=naa
service/naa exposed

E:\Nutrition Assistant>
```

IBM Cloud

Container Registry

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Settings

Search resources and products...

Catalog Manage Chandramouli V's Account

Repositories

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Create

Name	Image count	Namespace	Last updated
chandru1661/nutrition-app icr.io/nutritionass_namespace/chandru1661/nutrition-app	1	nutritionass_namespace	1 day ago
ass4 icr.io/ass4_namespace/ass4	1	ass4_namespace	421 days ago

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