

Deploy in kubernetes cluster

The screenshot shows the IBM Cloud console interface for a Kubernetes cluster named 'mycluster-free'. The cluster is in the 'Preparing master, workers...' state and expires in 30 days. The overview section displays the following status:

- Node status:** 1 of 1, Normal
- Add-on status:** 0 of 0, Normal
- Master status:** Normal
- Ingress status:** Pending

The details section shows the following information:

- Cluster ID:** cdoofd0af05e4grand370
- Version:** 1.24.7_1542
- Infrastructure:** Classic
- Zones:** Milan 01

The screenshot shows the IBM Cloud Resource list page. The 'Containers' section is expanded, showing the 'mycluster-free' cluster. The table below lists the resources:

Name	Group	Location	Product	Status	Tags
mycluster-free	Default	Frankfurt	Kubernetes Service	Normal	-

```
Session 2 x +
Password:
Authenticating...
OK
Targeted account Navaneeth S's Account (9af753d77f474eb5a6a373343121782b)
Targeted resource group Default
Targeted region eu-de

API endpoint: https://cloud.ibm.com
Region: eu-de
User: 19tuec133@skct.edu.in
Account: Navaneeth S's Account (9af753d77f474eb5a6a373343121782b)
Resource group: Default
CF API endpoint:
Org:
Space:
19tuec133@cloudshell:~$ ibmcloud ks cluster config --cluster cdoofd0af05e4grand370
OK
The configuration for cdoofd0af05e4grand370 was downloaded successfully.

Added context for cdoofd0af05e4grand370 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.
19tuec133@cloudshell:~$ kubectl config current-context
mycluster-free/cdoofd0af05e4grand370
19tuec133@cloudshell:~$ kubectl get node
NAME                                STATUS    ROLES    AGE    VERSION
10.144.212.118                      Ready    <none>   32m    v1.24.7-IKS
19tuec133@cloudshell:~$
```