

IBM Cloud Container Registry

Team ID	PNT2022TMID21269
Project Name	Plasma Donor Application

IBM Cloud Container Registry

Pushing to IBM ContainerRegistry:

```
root@gokul: /home/gokul/dev/application

File Actions Edit View Help

gokul@gokul: ~/dev x root@gok...lication x gokul@go...lication x

(root@gokul)~/dev/application
# ibmcloud cr login
Logging 'docker' in to 'icr.io' ...
Logged in to 'icr.io'.

OK

(root@gokul)~/dev/application
# docker push icr.io/plasma/gokulap/plasma-donor-app:v1
The push refers to repository [icr.io/plasma/gokulap/plasma-donor-app]
1f8f34a4b5f9: Pushed
8b057373df61: Pushed
c373926928f1: Pushed
7be0bc584390: Pushed
aa4c808c19f6: Pushed
8ba9f690e8ba: Pushed
3e607d59ef9f: Pushed
1e18e7e1fcc2: Pushed
c3a0d593ed24: Pushed
26a504e63be4: Pushed
8bf42db0de72: Pushed
31892cc314cb: Pushed
11936051f93b: Pushed
v1: digest: sha256:b8a6ab6b86800b3f23f3a8c586a050e2b4fa1932ec47df9358ffde6584a42643 size: 3052

(root@gokul)~/dev/application
#
```

cloud.ibm.com/registry/images

IBM Cloud

Search resources and products...

Container Registry

Quick start

Namespaces 1

Repositories 1

Images 1

Trash 0

Settings

Images

Location: Global

View by: Digest Search Create +

Repository@digest	Tags	Manifest type	Created	Size	Security status
plasma/gokulap/plasma-donor-app@sha256:b8a6ab6b8680...	v1	Docker	2 days ago	435 MB	102 issues

Items per page: 25 1-1 of 1 item 1 1 of 1 page

cloud.ibm.com/registry/namespaces

IBM Cloud

Search resources and products...

Container Registry

Quick start

Namespaces 1

Repositories 1

Images 1

Trash 0

Settings

Namespaces

Location: Global

Resource group: Filter... Search Create +

Name	Resource group	Repository count	Image count	Retention policy
plasma	Default	1	1	Retain all images

Items per page: 25 1-1 of 1 item 1 1 of 1 page

DEPLOY IN KUBE...docx Show all X

```
root@gokul: /home/gokul/dev/application
File Actions Edit View Help
gokul@gokul: ~/dev x root@gok...lication x gokul@go...lication x
root@gokul) - [/home/gokul/dev/application]
# kubectl run plasma-app --image=icr.io/plasma/gokulap/plasma-donor-app:v1
pod/plasma-app created
root@gokul) - [/home/gokul/dev/application]
#
root@gokul) - [/home/gokul/dev/application]
#
```

Network Protocol Error

An error occurred during a connection to www.google.com.

The page you are trying to view cannot be shown because an error in the network protocol was detected.

• Please contact the website owners to inform them of this problem.

Try Again

```
root@gokul: /home/gokul/dev/application
File Actions Edit View Help
gokul@gokul: ~/dev x root@gok...lication x
root@gokul) - [/home/gokul/dev/application]
#
root@gokul) - [/home/gokul/dev/application]
#
root@gokul) - [/home/gokul/dev/application]
# kubectl apply -f ../deploy.yaml
service/plasma-app-service created
deployment.apps/plasma-app-deployment created
root@gokul) - [/home/gokul/dev/application]
#
```

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Try Again

```
root@gokul: /home/gokul/dev/application
File Actions Edit View Help
gokul@gokul: ~/dev x root@gokul...lication x
(root@gokul)-[/home/gokul/dev/application]
#
(root@gokul)-[/home/gokul/dev/application]
#
(root@gokul)-[/home/gokul/dev/application]
# kubectl apply -f ../deploy.yaml
service/plasma-app-service created
deployment.apps/plasma-app-deployment created
(root@gokul)-[/home/gokul/dev/application]
# ibmcloud cs workers --cluster cdrmbp1f00kdeuo2kv8g
OK
ID Public IP Private IP Flavor State Status Zone Version
kube-cdrmbp1f00kdeuo2kv8g-plasmaclust-default-00000089 159.122.183.92 10.144.214.86 free normal Ready mil01 1.24.7_1
543
(root@gokul)-[/home/gokul/dev/application]
# kubectl describe service plasma-app | grep NodePort
Type: NodePort
NodePort: <unset> 31988/TCP
(root@gokul)-[/home/gokul/dev/application]
#
```