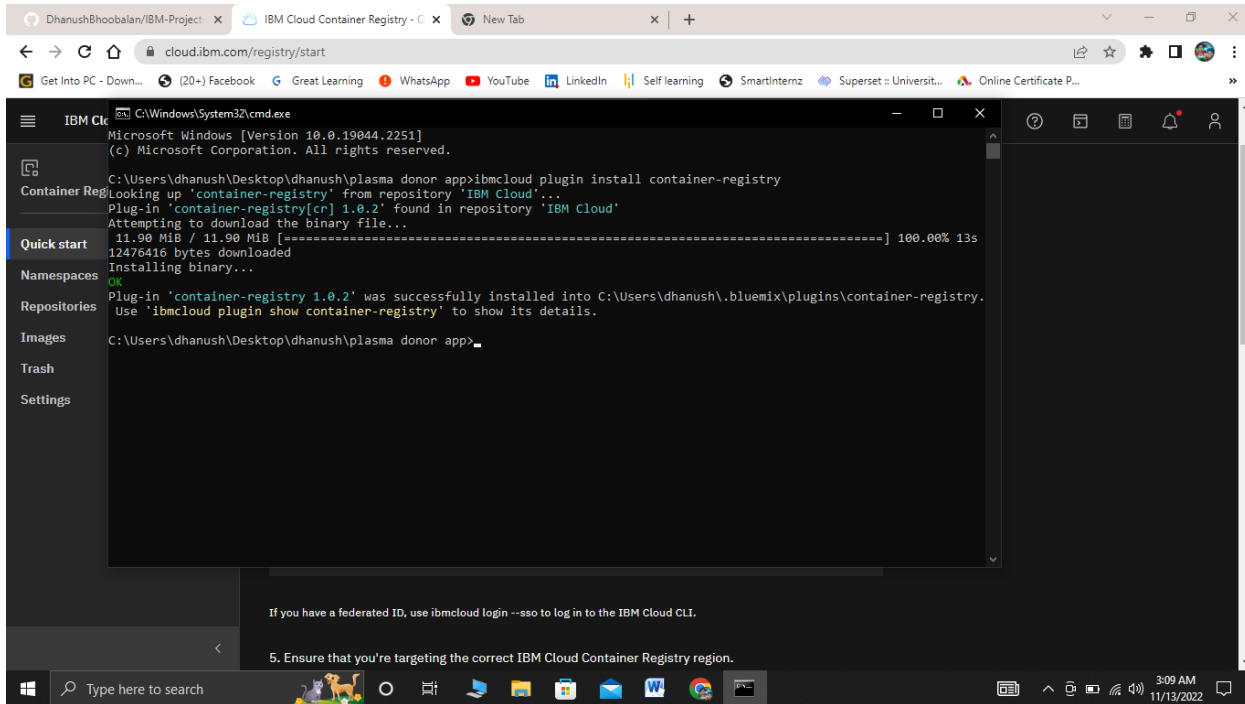


# Create A IBM Container Registry

## PLASMA DONOR APPLICATION

Team ID : PNT2022TMID16512



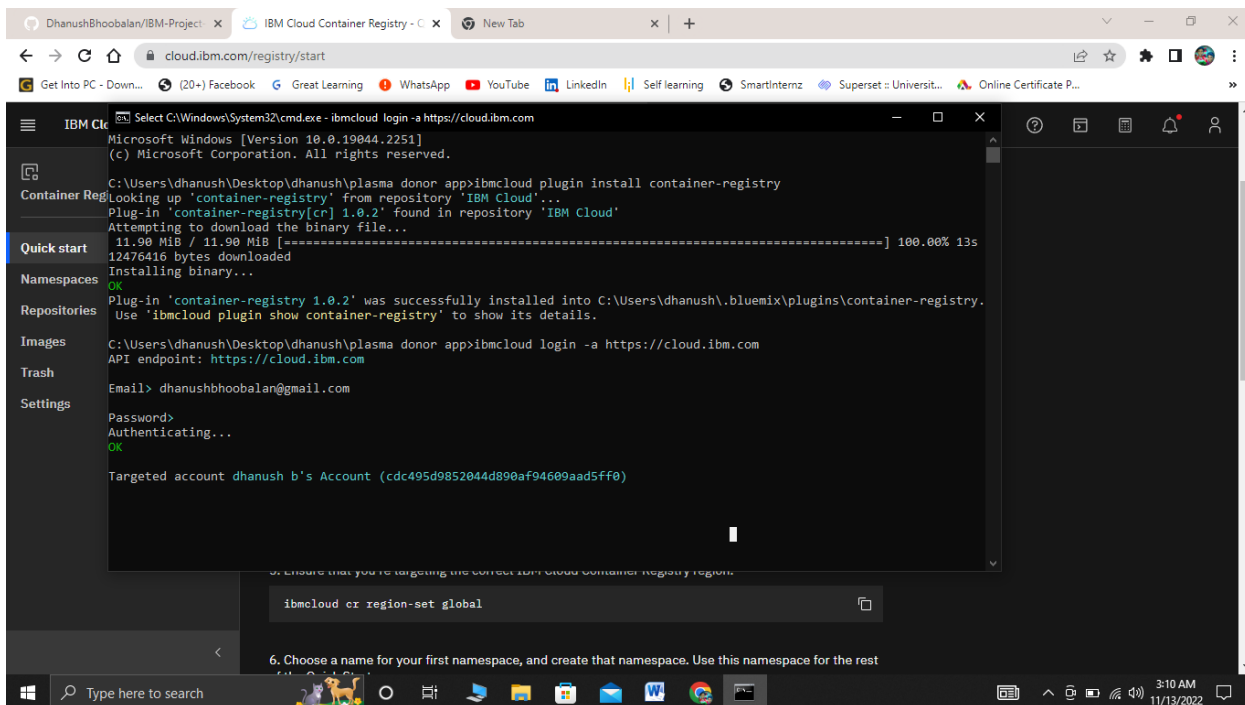
```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\dhanush\Desktop\dhanush\plasma donor app>ibmcloud plugin install container-registry
Looking up 'container-registry' from repository 'IBM Cloud'...
Plug-in 'container-registry[cr] 1.0.2' found in repository 'IBM Cloud'
Attempting to download the binary file...
 11.90 MiB / 11.90 MiB [=====] 100.00% 13s
12476416 bytes downloaded
Installing binary...
OK
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\dhanush\.bluemix\plugins\container-registry.
Use 'ibmcloud plugin show container-registry' to show its details.

C:\Users\dhanush\Desktop\dhanush\plasma donor app>_

If you have a federated ID, use ibmcloud login --sso to log in to the IBM Cloud CLI.

5. Ensure that you're targeting the correct IBM Cloud Container Registry region.
```



```
Select C:\Windows\System32\cmd.exe - ibmcloud login -a https://cloud.ibm.com
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\dhanush\Desktop\dhanush\plasma donor app>ibmcloud plugin install container-registry
Looking up 'container-registry' from repository 'IBM Cloud'...
Plug-in 'container-registry[cr] 1.0.2' found in repository 'IBM Cloud'
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12476416 bytes downloaded
Installing binary...
OK
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\dhanush\.bluemix\plugins\container-registry.
Use 'ibmcloud plugin show container-registry' to show its details.

C:\Users\dhanush\Desktop\dhanush\plasma donor app>ibmcloud login -a https://cloud.ibm.com
API endpoint: https://cloud.ibm.com
Email> dhanushbhoobalan@gmail.com
Password>
Authenticating...
OK
Targeted account dhanush b's Account (cdc495d9852044d890af94609aad5ff0)

6. Choose a name for your first namespace, and create that namespace. Use this namespace for the rest
```

IBM Cloud Container Registry - Namespaces

Location: Global

Resource group: Filter... Search

Name	Resource group	Repository count
jobportal-dhanush	Default	0

Items per page: 25 1-1 of 1 item

Create namespace

The namespace must be unique across all IBM Cloud accounts in the same region.

Resource group: Default

Name: plasma-app-demo

Cancel Creating...

IBM Cloud Container Registry - Start

Targeted account dhanush b's Account (cdc495d9852044d890af94609aad5ff0)

Select a region (or press enter to skip):

1. au-syd
2. in-che
3. jp-osa
4. jp-tok
5. kr-seo
6. eu-de
7. eu-gb
8. ca-tor
9. us-south
10. us-east
11. br-sao

Enter a number> 1

Targeted region au-syd

API endpoint: https://cloud.ibm.com  
Region: au-syd  
User: dhanushbhoobalan@gmail.com  
Account: dhanush b's Account (cdc495d9852044d890af94609aad5ff0)  
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE\_GROUP'  
CF API endpoint:  
Org:  
Space:

C:\Users\dhanush\Desktop\dhanush\plasma donor app>

Push the image to your private registry

1. Log your local Docker daemon into the IBM Cloud Container Registry.

ibmcloud or login

cloud.ibm.com/registry/start

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IBM Cloud Container Registry

Quick start

Namespaces

Repositories

Images

Trash

Settings

API endpoint: https://cloud.ibm.com  
Region: au-syd  
User: dhanushbhoobalan@gmail.com  
Account: dhanush b's Account (cdc495d9852044d890af94609aad5ff0)  
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE\_GROUP'  
CF API endpoint:  
Org:  
Space:

C:\Users\dhanush\Desktop\dhanush\plasma donor app>ibmcloud cr region-set global  
The region is set to 'global', the registry is 'icr.io'.  
OK

C:\Users\dhanush\Desktop\dhanush\plasma donor app>

Push the image to your private registry

1. Log your local Docker daemon into the IBM Cloud Container Registry.

ibmcloud cr login

cloud.ibm.com/registry/namespaces

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IBM Cloud Container Registry

Quick start

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API endpoint: https://cloud.ibm.com  
Region: au-syd  
User: dhanushbhoobalan@gmail.com  
Account: dhanush b's Account (cdc495d9852044d890af94609aad5ff0)  
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE\_GROUP'  
CF API endpoint:  
Org:  
Space:

C:\Users\dhanush\Desktop\dhanush\plasma donor app>ibmcloud cr region-set global  
The region is set to 'global', the registry is 'icr.io'.  
OK

C:\Users\dhanush\Desktop\dhanush\plasma donor app>ibmcloud cr namespace-add plasma-app-demo  
No resource group is targeted. Therefore, the default resource group for the account ('Default') is targeted.  
Adding namespace 'plasma-app-demo' in resource group 'Default' for account dhanush b's Account in registry icr.io...  
The requested namespace is already owned by your account.  
OK

C:\Users\dhanush\Desktop\dhanush\plasma donor app>

Create +

Retention policy

Retain all images :

Retain all images :

1 1 of 1 page

```
This PC > Desktop > dhanush > plasma donor app
Name Date modified Time Size
C:\Windows\System32\cmd.exe
User: dhanushbhoobalan@gmail.com
Account: dhanush b's Account (cdc495d9852044d8909af94609aad5ff0)
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:
C:\Users\dhanush\Desktop\dhanush\plasma donor app>ibmcloud cr region-set global
The region is set to 'global', the registry is 'icr.io'.
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No resource group is targeted. Therefore, the default resource group for the account ('Default') is targeted.
Adding namespace 'plasma-app-demo' in resource group 'Default' for account dhanush b's Account in registry icr.io...
The requested namespace is already owned by your account.
OK
C:\Users\dhanush\Desktop\dhanush\plasma donor app>docker tag plasma donor app/plasma-app-demo
'docker tag' requires exactly 2 arguments.
See 'docker tag --help'.
Usage: docker tag SOURCE_IMAGE[:TAG] TARGET_IMAGE[:TAG]
Create a tag TARGET_IMAGE that refers to SOURCE_IMAGE
C:\Users\dhanush\Desktop\dhanush\plasma donor app>
```

```
C:\Windows\System32\cmd.exe
OK
C:\Users\dhanush\Desktop\dhanush\plasma donor app>docker tag plasma donor app/plasma-app-demo
'docker tag' requires exactly 2 arguments.
See 'docker tag --help'.
Usage: docker tag SOURCE_IMAGE[:TAG] TARGET_IMAGE[:TAG]
Create a tag TARGET_IMAGE that refers to SOURCE_IMAGE
C:\Users\dhanush\Desktop\dhanush\plasma donor app>docker login
Authenticating with existing credentials...
Login did not succeed, error: error during connect: This error may indicate that the docker daemon is not running.: Post "http://%2F%2F.%2Fpipe%2Fdocker_engine/v1.24/auth": open //pipe/docker_engine: The system cannot find the file specified.
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com to create one.
Username (dhanush):
C:\Users\dhanush\Desktop\dhanush\plasma donor app>
```

```
C:\Windows\System32\cmd.exe
C:\Users\dhanush\Desktop\dhanush\plasma donor app>docker login
Authenticating with existing credentials...
Login did not succeed, error: error during connect: This error may indicate that the docker daemon is not running.: Post "http://%2F%2F.%2Fpipe%2Fdocker_engine/v1.24/auth": open //pipe/docker_engine: The system cannot find the file specified.
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com to create one.
Username (dhanush):
C:\Users\dhanush\Desktop\dhanush\plasma donor app>ibmcloud cr login
Logging 'docker' in to 'icr.io'...
FAILED
Failed to 'docker login' to 'icr.io' with error: Error response from daemon: open \\.\pipe\docker_engine_linux: The system cannot find the file specified.
C:\Users\dhanush\Desktop\dhanush\plasma donor app>ibmcloud cr region-set global
The region is set to 'global', the registry is 'icr.io'.
OK
C:\Users\dhanush\Desktop\dhanush\plasma donor app>ibmcloud cr login
Logging 'docker' in to 'icr.io'...
Logged in to 'icr.io'.
OK
```



## Repositories

Location

Global ▾

Q Search



Create +

<input type="checkbox"/>	Name	Image count	Namespace	Last updated	
▾ <input type="checkbox"/>	 <b>jobportal</b> <small>icr.io/maryada/jobportal</small>	1	maryada	1 hour ago	⋮
Items per page: 25 ▾		1-1 of 1 item		1 ▾	1 of 1 page