

Setting Up Application Environment

Install IBM Cloud CLI

Date	2 Nov 2022
Team ID	PNT2022TMID32139
Project Name	SKILL/JOB RECOMMENDER APPLICATION

Step 1:

Login to your IBM Cloud <https://cloud.ibm.com/login> and in search bar you can type

Container registry and click to get started.

IBM Cloud

Search resources and products...

Catalog Manage GAYATHRI V's Account

Container Registry

Quick start

Namespaces 0

Repositories 0

Images 0

Trash 0

Settings

Quick start

Location: Global

Welcome!

Let's get started by installing the needed CLIs, setting up your first private registry namespace, and pushing your first image.

Install, Set Up, and Log In

1. [Install the IBM Cloud CLI.](#)
2. [Install the Docker CLI.](#)
3. Install the Container Registry plug-in.

```
ibmcloud plugin install container-registry -x 'IBM Cloud'
```
4. Log in to your IBM Cloud account.

```
ibmcloud login -a https://cloud.ibm.com
```

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.

```
ibmcloud cr region-set global
```
6. Choose a name for your first namespace, and create that namespace. Use this namespace for the rest of the Quick Start.

Step 2:

Follow and do the step given in this page one by one <https://cloud.ibm.com/registry/start>

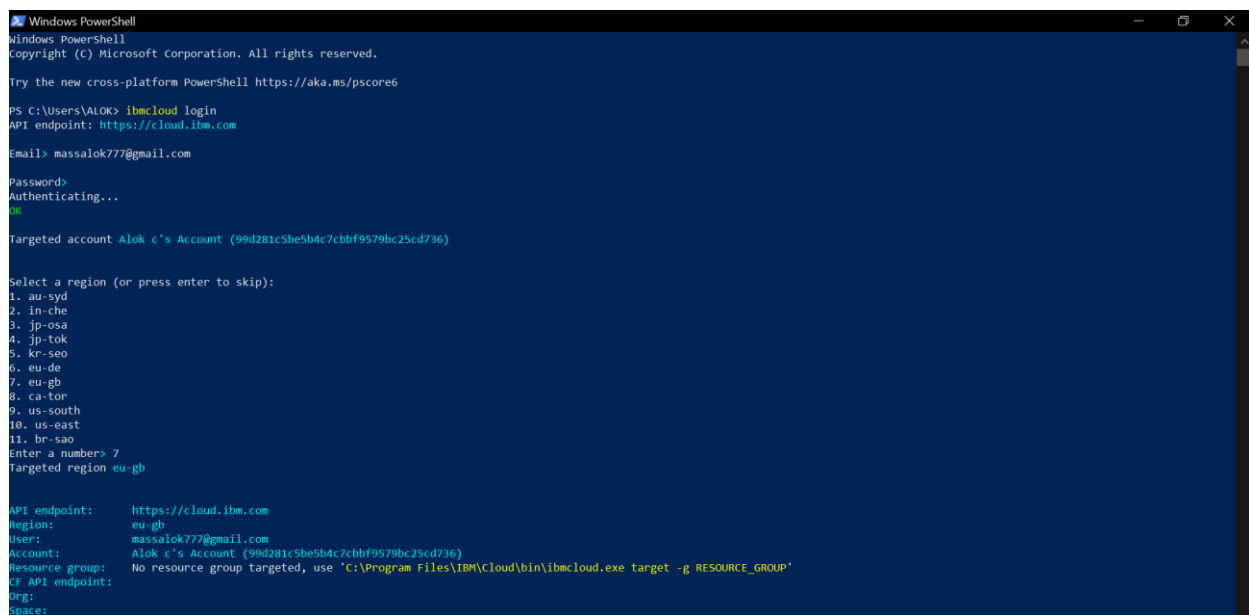
Step 3:

Run the command in power shell,

(New-Object Net.WebClient).DownloadString('https://clis.cloud.ibm.com/install/powershell')

Step 4:

Enter the command in cmd:



```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\ALOK> ibmcloud login
API endpoint: https://cloud.ibm.com

Email> massalok777@gmail.com

Password>
Authenticating...
OK

Targeted account Alok c's Account (99d281c5be5b4c7cbbf9579bc25cd736)

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> 7
Targeted region eu-gb

API endpoint: https://cloud.ibm.com
Region: eu-gb
User: massalok777@gmail.com
Account: Alok c's Account (99d281c5be5b4c7cbbf9579bc25cd736)
Resource group: No resource group targeted, use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:
```

Step 5:

Run all the command one by one in cmd

https://cloud.ibm.com/docs/containers?topic=containers-cs_cli_install

```
PS C:\Users\ALOK> ibmcloud plugin install container-service
Looking up 'container-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 MiB / 26.86 MiB [=====] 100.00% 18s
28168192 bytes downloaded
Installing binary...
OK
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\ALOK\bluemix\plugins\container-service. Use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin show container-
service' to show its details.
```

```
PS C:\Users\ALOK> 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% 5s
12476416 bytes downloaded
Installing binary...
OK
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\ALOK\bluemix\plugins\container-registry. Use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin show container-
registry' to show its details.
```

```
PS C:\Users\ALOK> ibmcloud plugin install observe-service
Looking up 'observe-service' from repository 'IBM Cloud'...
Plug-in 'observe-service 1.0.82' found in repository 'IBM Cloud'
Attempting to download the binary file...
 13.38 MiB / 13.38 MiB [=====] 100.00% 9s
14024704 bytes downloaded
Installing binary...
OK
Plug-in 'observe-service 1.0.82' was successfully installed into C:\Users\ALOK\bluemix\plugins\observe-service. Use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin show observe-service
' to show its details.
```

```
PS C:\Users\ALOK> ibmcloud plugin list
Listing installed plug-ins...
```

Plugin Name	Version	Status	Private endpoints supported
container-registry	1.0.2		true
container-service[kubernetes-service/ks]	1.0.459		false
observe-service[ob]	1.0.82		false

Step 6:

Finally, you will get the IBM CLOUD CLI in your desktop