

Setting Up Application Environment

Install IBM Cloud CLI

Date	11 Nov 2022
Team ID	PNT2022TMID46351
Project Name	Nutrition Assistant Application
Team Members	R.Abidha , G.Meena E.Pavithra ,B.Reshmaa

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.

The screenshot shows the IBM Cloud Container Registry product page. The header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and Pavithra E's Account. The main content area features the 'Container Registry' title, a 'View all' link, and buttons for 'Estimate costs' and 'Get started'. Below this, there's a 'Summary' section with a description: 'Manage Docker container images in a fully managed private registry. Push private images into this registry to run them in IBM Cloud Kubernetes Service and other runtime environments. Images are checked for security issues, so that you can make informed decisions about your deployments.' A 'Features' section follows, listing 'Highly available and scalable private registry', 'Image security compliance with Vulnerability Advisor', and 'Quota limits for storage and pull traffic'. A sidebar on the left contains links for 'Compliance', 'EU Supported', and 'Related links' (API Docs, Docs, Terms).

Step 2:

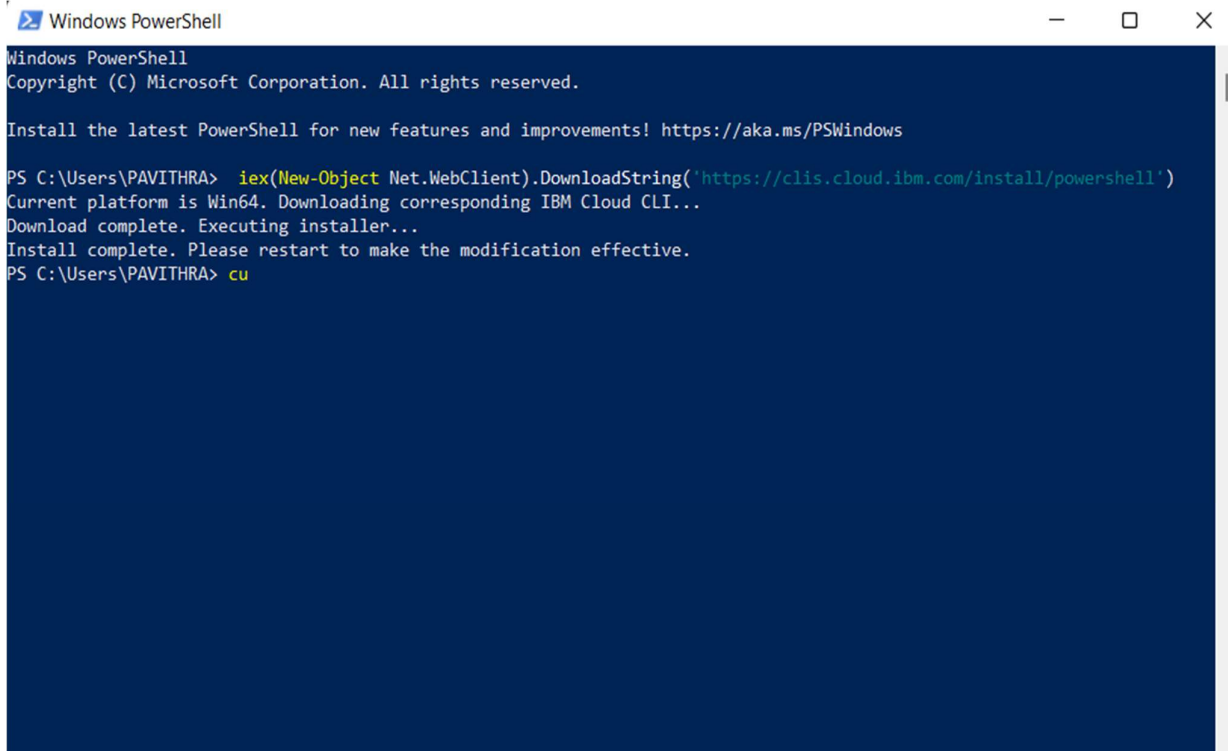
Follow and do the step given in this page one by one <https://cloud.ibm.com/registry/start>

The screenshot shows the 'Quick start' page for IBM Cloud Container Registry. The left sidebar has a 'Quick start' link highlighted. The main content area has a 'Location' dropdown set to 'Global'. Below this, a 'Welcome!' message says 'Let's get started by installing the needed CLIs, setting up your first private registry namespace, and pushing your first image.' The 'Install, Set Up, and Log In' section lists three steps: 1. Install the IBM Cloud CLI, 2. Install the Docker CLI, and 3. Install the Container Registry plug-in. A terminal snippet shows the command: `ibmcloud plugin install container-registry -t 'IBM Cloud'`. Step 4, 'Log in to your IBM Cloud account', is partially visible with a terminal snippet: `ibmcloud login -a https://cloud.ibm.com`.

Step 3:

Run the command in power shell,

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



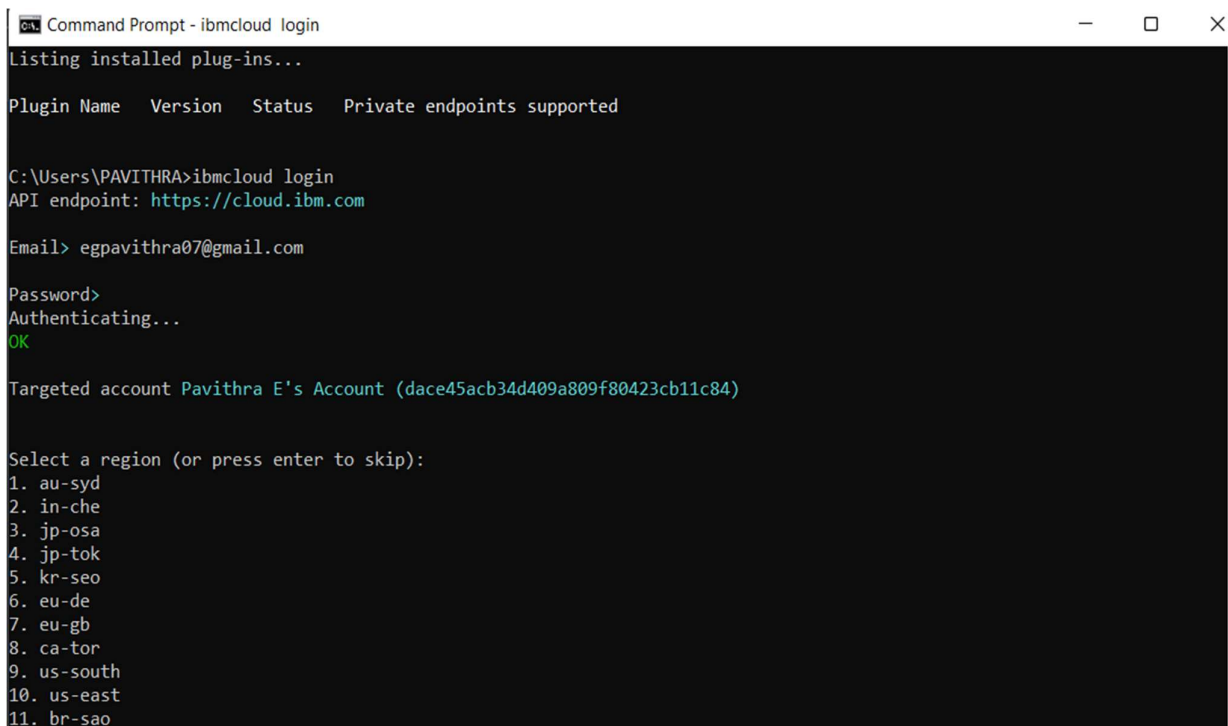
```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\PAVITHRA> iex(New-Object Net.WebClient).DownloadString('https://clis.cloud.ibm.com/install/powershell')
Current platform is Win64. Downloading corresponding IBM Cloud CLI...
Download complete. Executing installer...
Install complete. Please restart to make the modification effective.
PS C:\Users\PAVITHRA> cu
```

Step 4:

Enter the command in cmd:



```
Command Prompt - ibmcloud login
Listing installed plug-ins...

Plugin Name   Version   Status   Private endpoints supported

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

Email> egpavithra07@gmail.com

Password>
Authenticating...
OK

Targeted account Pavithra E's Account (dace45acb34d409a809f80423cb11c84)

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
```

Step 5:

Run all the command one by one in cmd

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

```
Command Prompt
C:\Users\PAVITHRA>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% 1m5s
28168192 bytes downloaded
Installing binary...
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\PAVITHRA\.bluemix\plugins\container-service. Use 'ibmcloud plugin show container-service' to show its details.

C:\Users\PAVITHRA>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% 39s
12476416 bytes downloaded
Installing binary...
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\PAVITHRA\.bluemix\plugins\container-registry. Use 'ibmcloud plugin show container-registry' to show its details.

C:\Users\PAVITHRA>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% 54s
14024704 bytes downloaded
Installing binary...
Plug-in 'observe-service 1.0.82' was successfully installed into C:\Users\PAVITHRA\.bluemix\plugins\observe-service. Use 'ibmcloud plugin show observe-service' to show its details.

C:\Users\PAVITHRA>ibmcloud plugin list
Listing installed plug-ins...

Plugin Name      Version  Status  Private endpoints supported
container-registry 1.0.2    true    false
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