

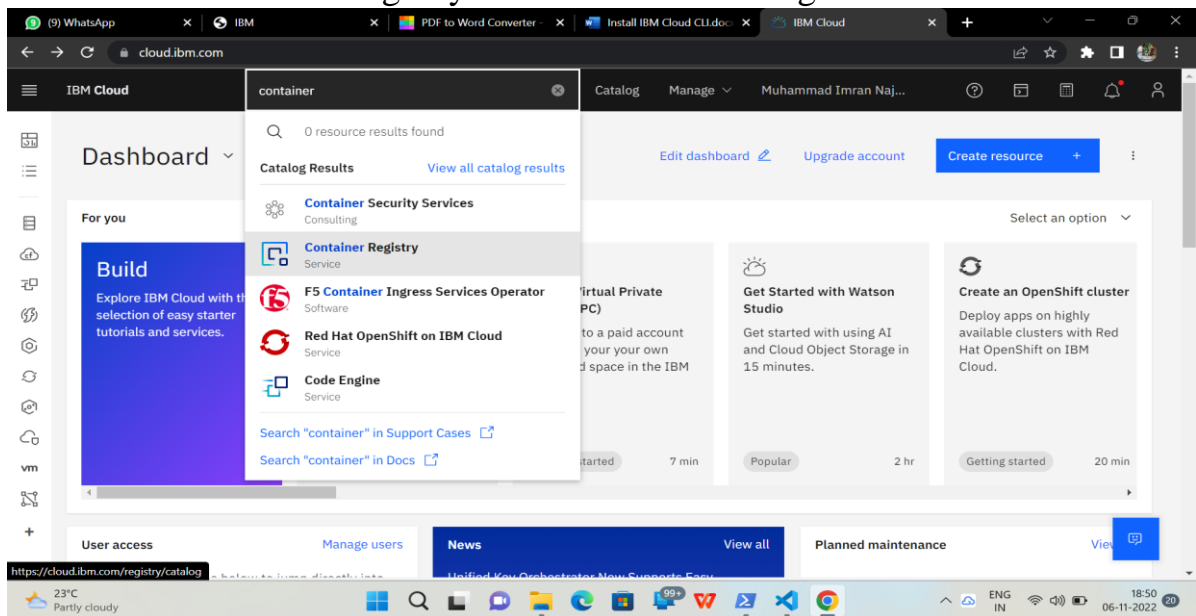
# Setting up Application Environment

## Install IBM Cloud CLI

<b>Team ID</b>	PNT2022TMID36949
<b>Project Name</b>	Skill / Job Recommender Application
<b>Date</b>	21 October 2022

**Step 1:** First login with **cloud.ibm.com**.

Next search with Container Registry in IBM search catalog



**Step 2:** Next click Get started button  
Next click Install the IBM Cloud CLI.

IBM Cloud

Search resources and products...

Catalog

Manage

Muhammad Imran Naj...

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 -r 'IBM Cloud'
```

4. Log in to your IBM Cloud account.

23°C  
Partly cloudy

ENG  
IN 18:55  
06-11-2022

### Step 3: In cloud CLI there is list of commands insert the into our windows command prompt

```
Windows PowerShell
12476416 bytes downloaded
Installing binary...
OK
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\imran\.bluemix\plugins\container-registry. Use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin show container-registry' to show its details.
PS C:\Users\imran> 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% 49s
28168192 bytes downloaded
Installing binary...
OK
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\imran\.bluemix\plugins\container-service. Use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin show container-service' to show its details.
PS C:\Users\imran> ibmcloud login
API endpoint: https://cloud.ibm.com

Email> 211919104006@smartinternz.com

Password>
Authenticating...
OK
Targeted account Muhammad Imran Najar's Account (c6b6a3f9aa704fca97946daa34a1ad15)

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>
```

```
Windows PowerShell

Not Installed logging 0.0.8, 0.0.7, 0.0.6... Manage IBM Cloud logging
Not Installed cloudant[cl] 0.0.6, 0.0.5, 0.0.4... Manage Cloudant service
Not Installed hpcs-cert-mgr[hpcs-cert-mgr] 1.0.0 Manage the client certificates for IBM Cloud Hyper Protect Crypto Services
Not Installed atracker[at] 0.2.17, 0.2.12, 0.1.13... Manage IBM Cloud Activity Tracker
Not Installed analytics-engine-v3[ae-v3] 2.0.0, 1.0.9, 1.0.5... Manage serverless Spark instances and run applications
Not Installed cra[cra] 1.0.4, 1.0.3, 1.0.2... Integrate with Code Risk Analyzer
Not Installed event-notifications[en/event-notifications] 0.1.2, 0.1.1, 0.1.0... IBM Cloud Event Notifications.
Not Installed dvaas[watson-query] 1.0.2 Manage data virtualization as a service
Not Installed hpnet 1.0.2, 1.0.1 Manage Hyper Protect Secure Network
Not Installed qiskit-runtime[qr] 0.1.5 [Beta] Manage Qiskit Runtime
Not Installed hpcs 0.0.1 Manage Hyper Protect Crypto Services Instances
Not Installed cbr 1.1.0, 1.0.0 Manage Context Based Restrictions
Not Installed privileged-access-gateway[pag] 1.2.2, 1.2.1 [Experimental] Manage Privilege Access Gateway

Use C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin update PLUGIN_NAME -r REPO_NAME to update a plugin from a repo.
Use C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin update --all -r REPO_NAME to upgrade all available plugins from a repo.

PS C:\Users\imran> ibmcloud plugin install code-engine
Looking up 'code-engine' from repository 'IBM Cloud'...
Plug-in 'code-engine 1.40.0' found in repository 'IBM Cloud'
Attempting to download the binary file...
51.43 MiB / 51.43 MiB [=====] 100.00% 1m56s
53929472 bytes downloaded
Installing binary...
OK
Plug-in 'code-engine 1.40.0' was successfully installed into C:\Users\imran\.bluemix\plugins\code-engine. Use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin show code-engine' to show its details.
PS C:\Users\imran> ibmcloud plugin install code-engine
Looking up 'code-engine' from repository 'IBM Cloud'...
Plug-in 'code-engine 1.40.0' found in repository 'IBM Cloud'
Plug-in 'code-engine[ce] 1.40.0' was already installed. Do you want to update it with 'code-engine 1.40.0' or not? [y/N] > y
Attempting to download the binary file...
51.43 MiB / 51.43 MiB [=====] 100.00% 2m50s
53929472 bytes downloaded
Installing binary...
OK
Plug-in 'code-engine 1.40.0' was successfully installed into C:\Users\imran\.bluemix\plugins\code-engine. Use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin show code-engine' to show its details.
PS C:\Users\imran> ibmcloud plugin install ./code-engine-darwin-amd64-1.23.2
Looking up './code-engine-darwin-amd64-1.23.2' from repository 'IBM Cloud'...
```

