SETTING UP APPLICATION ENVIORNMENT

Install IBM Cloud CLI

Date	12 November 2022
Team ID	PNT2022TMID43819
Project Name	Smart Fashion Recommender Application
Maximum Marks	

Step 1 : Open IBM Cloud and search Container Registry
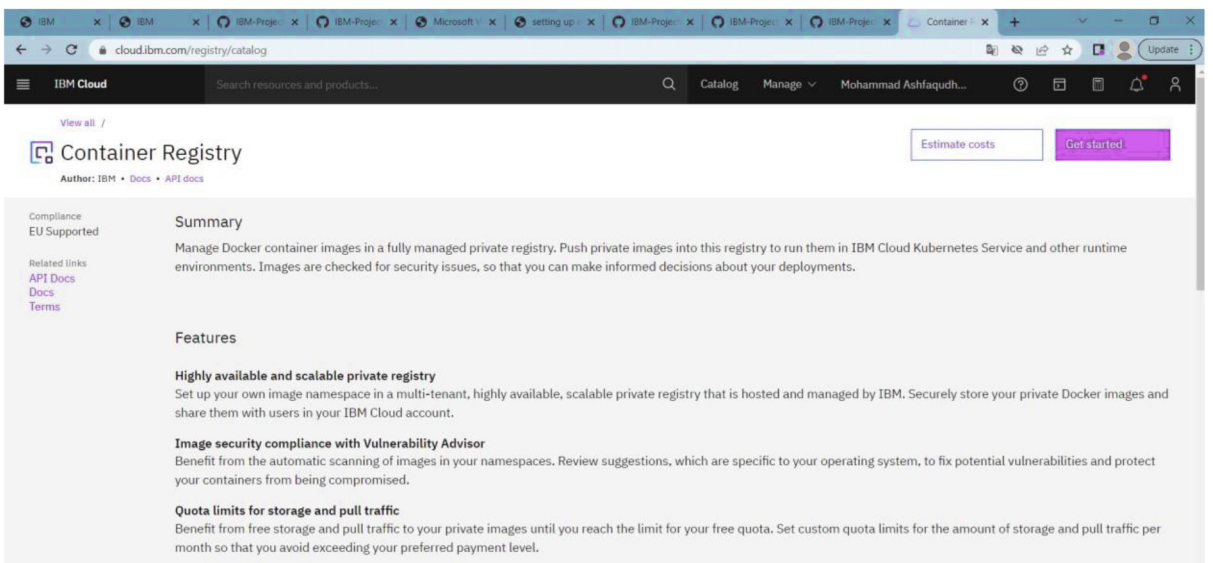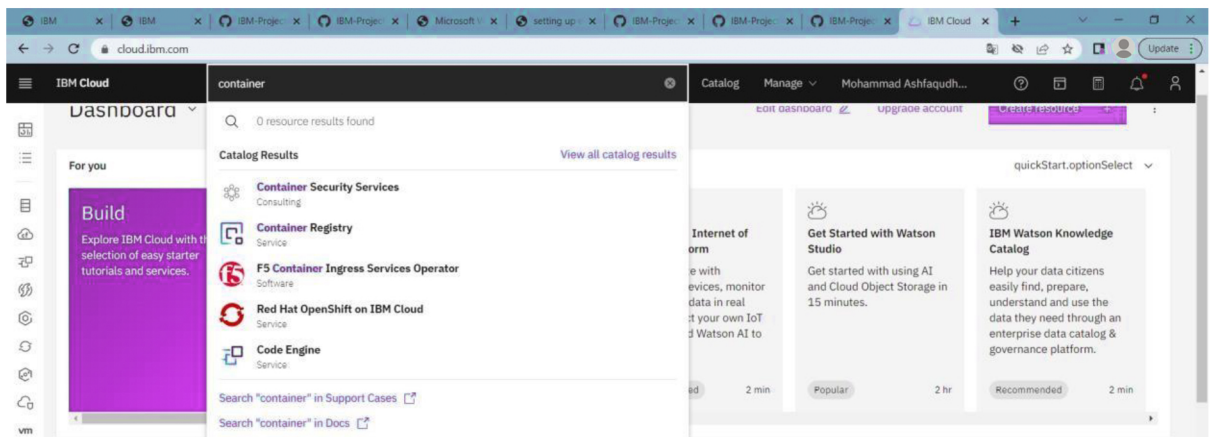
Step 2 : Select Get started and Install the stand –alone IBM Cloud CLI from Windows PowerShell


```
Administrator: Windows PowerShell                                                    —    □    ✕
PS C:\WINDOWS\system32> ibmcloud
NAME:
  C:\Program Files\IBM\Cloud\bin\ibmcloud.exe - A command line tool to interact with IBM Cloud
  Find more information at: https://ibm.biz/cli-docs

USAGE:
  [environment variables] C:\Program Files\IBM\Cloud\bin\ibmcloud.exe [global options] command [arguments...] [command o
ptions]

VERSION:
  2.12.1+b8488a1-2022-10-31T15:08:10+00:00

COMMANDS:
  account       Manage accounts, users, orgs and spaces
  api           Set or view target API endpoint
  billing       Retrieve usage and billing information
  catalog       Manage catalog
  cf            Run Cloud Foundry CLI with IBM Cloud CLI context
  config        Write default values to the config
  cr            Manage IBM Cloud Container Registry content and configuration.
  dev           Create, develop, deploy, and monitor applications
  enterprise    Manage enterprise, account groups and accounts.
  iam           Manage identities and access to resources
  ks, cs, oc    Manage Kubernetes and OpenShift clusters in IBM Cloud. Aliases include 'ibmcloud oc'.
  login         Log user in
  logout        Log user out
  ob            Manage logging and monitoring configurations for IBM Cloud Kubernetes Service clusters.
  plugin        Manage plug-ins and plug-in repositories
```

Step 3 : Open Project folder and login to IBM Cloud from CMD


```
Select C:\Windows\System32\cmd.exe
C:\Users\user\Desktop\ibm\project>ibmcloud login
API endpoint: https://cloud.ibm.com

Email> ashfaqevp@gmail.com

Password>
Authenticating...
OK

Targeted account Mohammad Ashfaqudheen's Account (a3537d24a11e4d5eabfce9b38711d06e)

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>

API endpoint:      https://cloud.ibm.com
Region:
User:              ashfaqevp@gmail.com
Account:           Mohammad Ashfaqudheen's Account (a3537d24a11e4d5eabfce9b38711d06e)
Resource group:    No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:
```

Step 4 : Install All other IBM Cloud plug-ins

```
C:\Users\user\Desktop\ibm\project>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% 43s
28168192 bytes downloaded
Installing binary...
OK
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\user\.bluemix\plugins\container-service. Use 'ibmcloud plugin show container-service' to show its details.

C:\Users\user\Desktop\ibm\project>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% 10s
12476416 bytes downloaded
Installing binary...
OK
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\user\.bluemix\plugins\container-registry. Use 'ibmcloud plugin show container-registry' to show its details.

C:\Users\user\Desktop\ibm\project>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% 19s
14024704 bytes downloaded
Installing binary...
OK
Plug-in 'observe-service 1.0.82' was successfully installed into C:\Users\user\.bluemix\plugins\observe-service. Use 'ibmcloud plugin show observe-service' to show its details.

C:\Users\user\Desktop\ibm\project>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
```