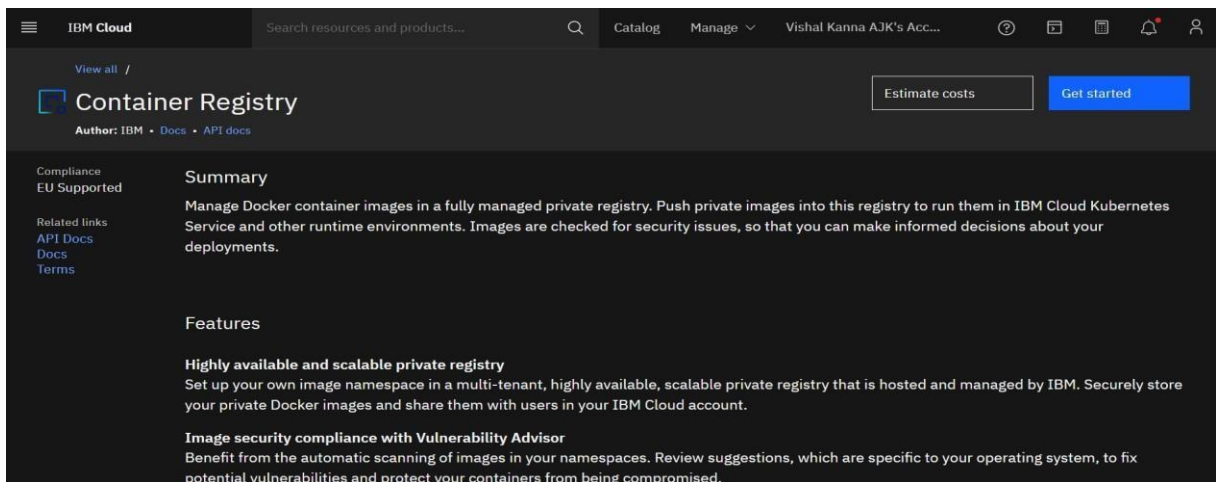


IBM Cloud CLI

Date	21 OCT 2022
Team ID	PNT2022TMID29605
Project Name	Personal Expense Tracker Application

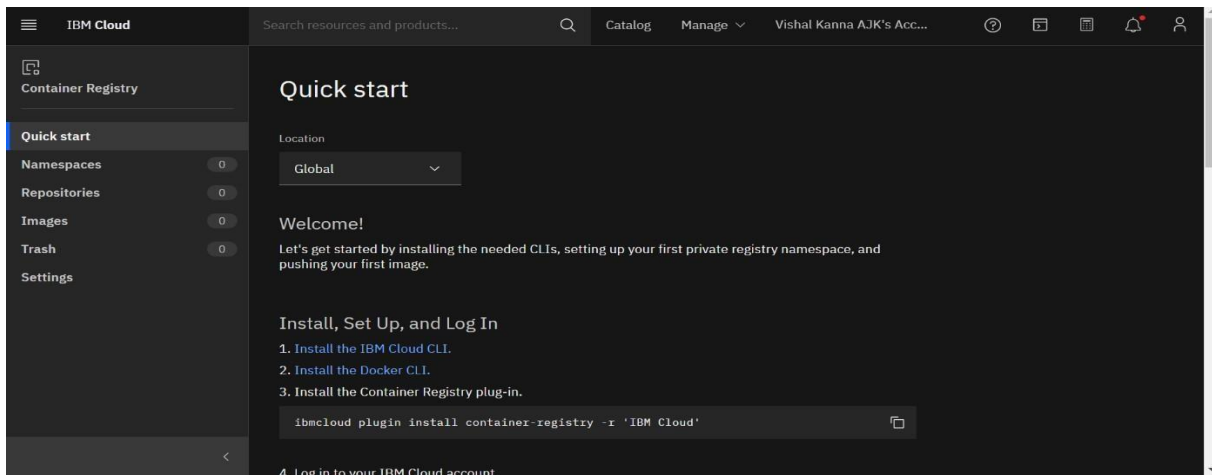
Step 1:

Login to your IBM Cloud <https://cloud.ibm.com/login> and in-search bar you can type **Container registry** and click to get started.



Step 2:

Click → Install the IBM Cloud CLI and Follow the given instructions.



Step 3:

Run the command in power shell,

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

```
(base) PS C:\Users\MCS> 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.
(base) PS C:\Users\MCS>
```

Step 4:

Enter the command in cmd:

```
C:\Users\MCS>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% 2s
28168192 bytes downloaded
Installing binary...
OK
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\MCS\bluemix\plugins\container-service. Use
'ibmcloud plugin show container-service' to show its details.
```

Step 5:

Run all the command one by one in cmd:

```
npm run start

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Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\windows\system32> git clone https://github.com/IBM/nodejs-express-app.git
fatal: destination path 'nodejs-express-app' already exists and is not an empty directory.
PS C:\windows\system32> cd nodejs-express-app
PS C:\windows\system32\nodejs-express-app> ls

Directory: C:\windows\system32\nodejs-express-app

Node      LastWriteTime         Length Name
----      -
d-----  10-11-2022 11:57         .github
d-----  10-11-2022 12:14       nodejs-express-app
d-----  10-11-2022 11:57         public
d-----  10-11-2022 11:57         scripts
d-----  10-11-2022 11:57         server
d-----  10-11-2022 11:57         test
a-----  10-11-2022 11:57           6 .crackmap
a-----  10-11-2022 11:57          36 .dockerignore
a-----  10-11-2022 11:57         198 .eslintrc.json
a-----  10-11-2022 11:57         164 .gitignore
a-----  10-11-2022 11:57           38 .npmcrc
a-----  10-11-2022 11:57         312 Dockerfile
a-----  10-11-2022 11:57         495 Dockerfile-tools
a-----  10-11-2022 11:57         11584 LICENSE
a-----  10-11-2022 11:57        228017 package-lock.json
a-----  10-11-2022 11:57         1461 package.json
a-----  10-11-2022 11:57        15051 README.md

PS C:\windows\system32\nodejs-express-app> npm install
npm WARN Unsupported engine {
npm WARN   package: 'nodejs-express-app@1.0.0',
npm WARN   required: { node: '16.0.0' },
npm WARN   current: { node: 'v18.12.1', npm: '8.19.2' }
npm WARN }

added 310 packages, and audited 311 packages in 13s

45 packages are looking for funding
  run 'npm fund' for details

found 0 vulnerabilities
PS C:\windows\system32\nodejs-express-app> npm run start

> nodejs-express-app@1.0.0 start
> node server/server.js

App UI available http://localhost:3000
Swagger UI available http://localhost:3000/swagger/api-docs
```

Step 6:

Finally, we will get the IBM CLOUD CLI in our desktop.

