

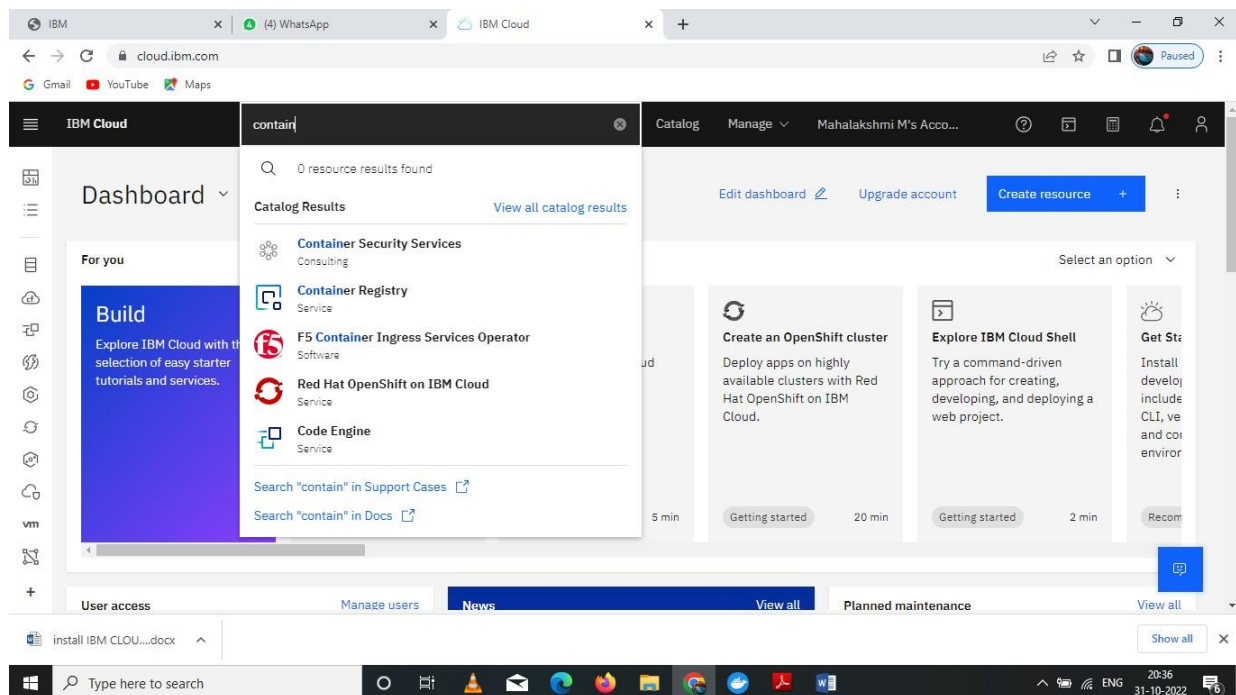
# Setting Up Application Environment Install

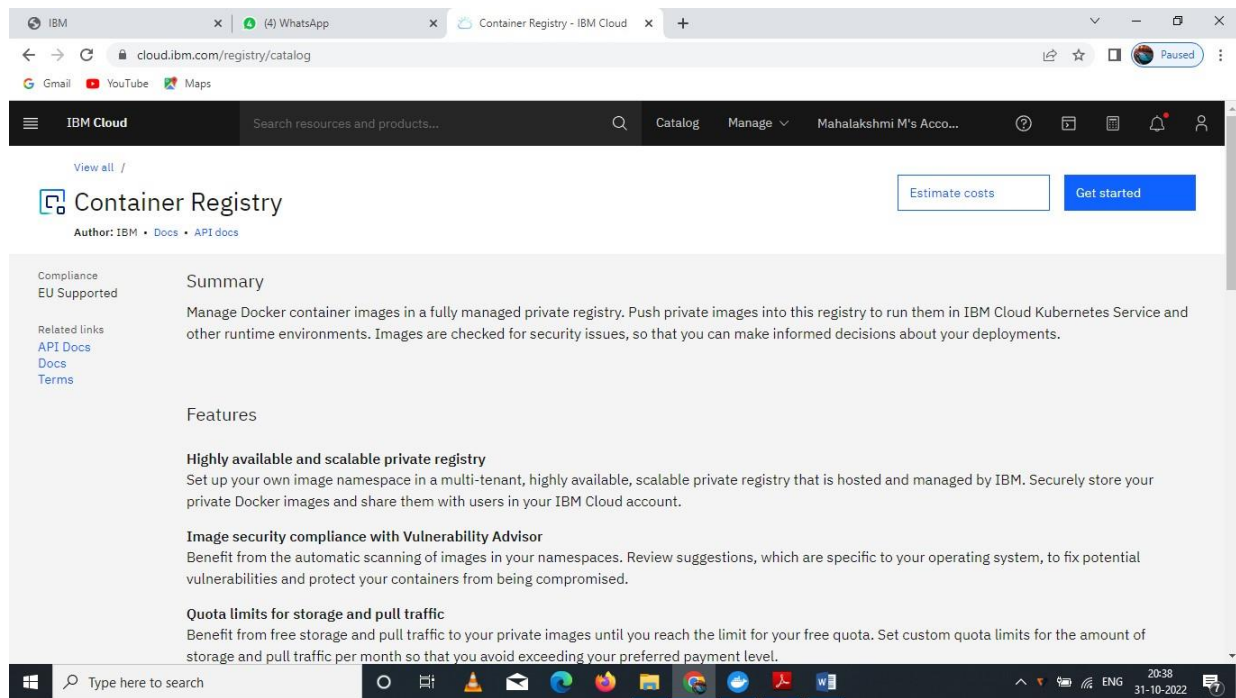
## IBM Cloud CLI

Date	01 NOV 2022
Team ID	PNT2022TMID31521
Project Name	Skill and Job Recommender Application

### Step 1:

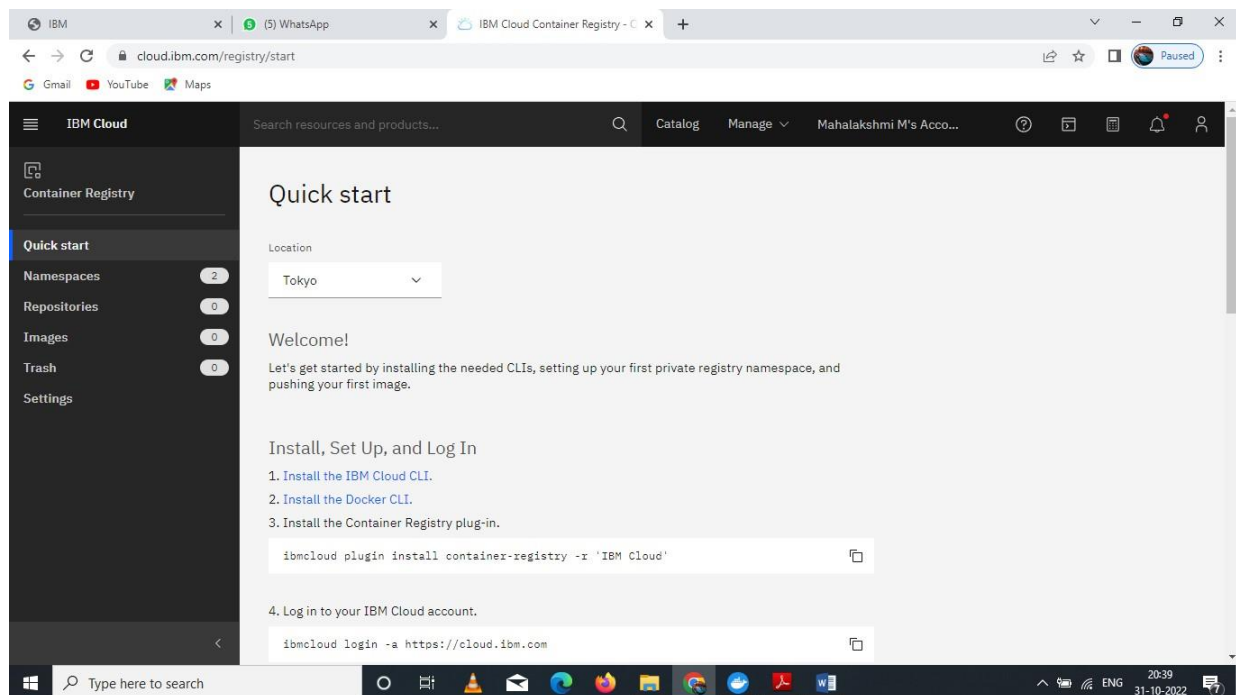
Login to your IBM Cloud <https://cloud.ibm.com/login> and in search bar you can type **Container registry** and click to get started.





## Step 2:

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



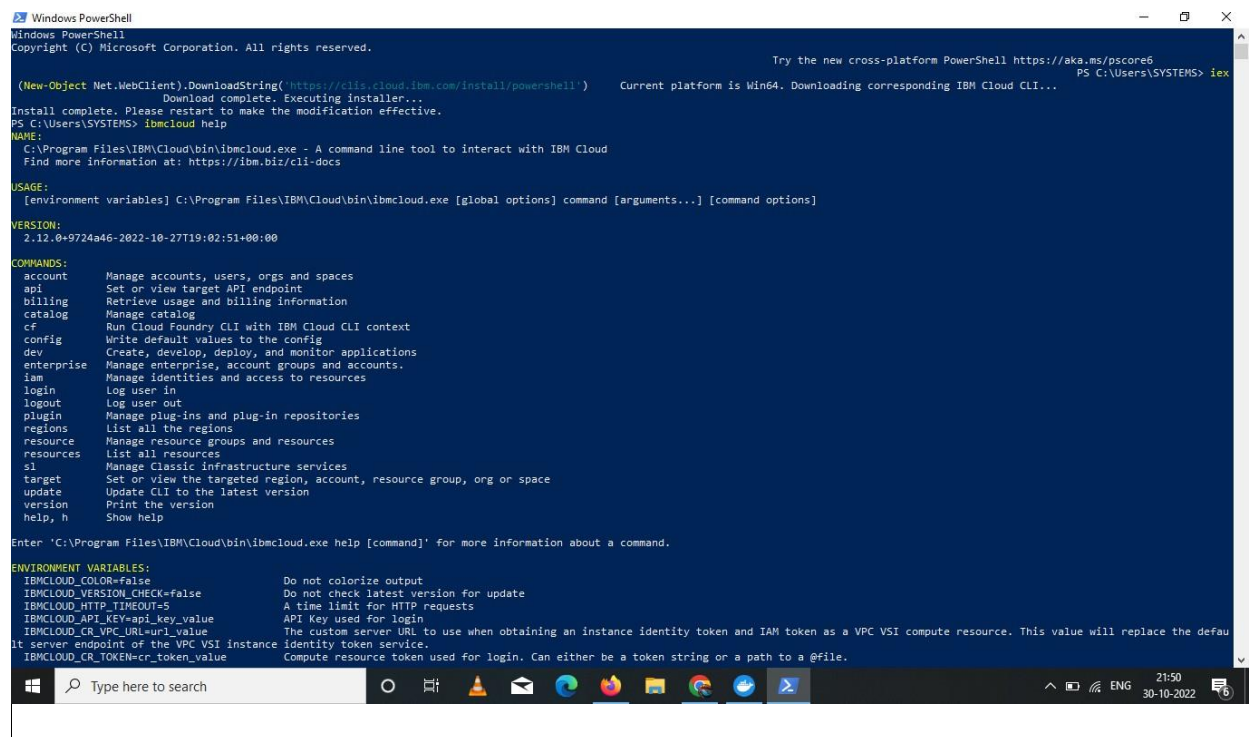
### Step 3:

Run the command in power shell,

*(New-Object*

*Net.WebClient).DownloadString('https://clis.cloud.ibm.com*

*/install/powershell')*



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

PS C:\Users\SYSTEMS> (New-Object Net.WebClient).DownloadString('https://clis.cloud.ibm.com/install/powershell')
Download complete. Executing installer...
Install complete. Please restart to make the modification effective.
PS C:\Users\SYSTEMS> ibmcloud help
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 options]

VERSION:
  2.12.0+9724a46-2022-10-27T19:02:51+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
  dev          Create, develop, deploy, and monitor applications
  enterprise   Manage enterprise, account groups and accounts.
  iam          Manage identities and access to resources
  login        Log user in
  logout       Log user out
  plugin       Manage plug-ins and plug-in repositories
  regions      List all the regions
  resource     Manage resource groups and resources
  resources    List all resources
  sl           Manage Classic infrastructure services
  target       Set or view the targeted region, account, resource group, org or space
  update       Update CLI to the latest version
  version      Print the version
  help, h     Show help

Enter 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe help [command]' for more information about a command.

ENVIRONMENT VARIABLES:
  IBM_CLOUD_COLOR=false          Do not colorize output
  IBM_CLOUD_VERSION_CHECK=false  Do not check latest version for update
  IBM_CLOUD_HTTP_TIMEOUT=5       A time limit for HTTP requests
  IBM_CLOUD_API_KEY=api_key_value API Key used for login
  IBM_CLOUD_CR_VPC_URL=vr_url_value The custom server URL to use when obtaining an instance identity token and IAM token as a VPC VSI compute resource. This value will replace the default server endpoint of the VPC VSI instance identity token service.
  IBM_CLOUD_CR_TOKEN=cr_token_value Compute resource token used for login. Can either be a token string or a path to a @file.
```

## Step 4:

Enter the command

```
Windows PowerShell
ENVIRONMENT VARIABLES:
  IBMCLCLOUD_COLOR=false          Do not colorize output
  IBMCLCLOUD_VERSION_CHECK=false  Do not check latest version for update
  IBMCLCLOUD_HTTP_TIMEOUT=5       A time limit for HTTP requests
  IBMCLCLOUD_API_KEY=api_key_value API Key used for login
  IBMCLCLOUD_CR_VPC_URL=url_value The custom server URL to use when obtaining an instance identity token and IAM token as a VPC VSI compute resource. This value will replace the default server endpoint of the VPC VSI instance identity token service.
  IBMCLCLOUD_CR_TOKEN=cr_token_value Compute resource token used for login. Can either be a token string or a path to a @file.
  IBMCLCLOUD_CR_PROFILE=profile_value The name, ID, or CRN of the linked trusted IAM profile to be used when obtaining the IAM access token. If authenticating as a VPC VSI compute resource, only specifying a trusted profile CRN or ID is supported.
  IBMCLCLOUD_TRACE=true           Print API request diagnostics to stdout
  IBMCLCLOUD_TRACE_PATH=path/to/trace.log Append API request diagnostics to a log file
  IBMCLCLOUD_HOME=path/to/dir      Path to config directory

GLOBAL OPTIONS:
  --version, -v                  Print the version
  --help, -h                     Show help

PS C:\Users\SYSTEMS> ibmcloud login
API endpoint: https://cloud.ibm.com
Region: jp-tok

Email> 951319104029@smartinternz.com

Password>
Authenticating...
Credentials were rejected.
Code: BXMIM0602E, message: The credentials you entered for the user '951319104029@smartinternz.com' are incorrect.

Password>
Authenticating...
OK

Targeted account Mahalakshmi M's Account (744e7cbee123467a86464f1564fcfe06)

API endpoint: https://cloud.ibm.com
Region: jp-tok
User: 951319104029@smartinternz.com
Account: Mahalakshmi M's Account (744e7cbee123467a86464f1564fcfe06)
Resource group: No resource group targeted, use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:

PS C:\Users\SYSTEMS> ibmcloud plugin install container-registry -r 'IBM Cloud'
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% 15s
12476416 bytes downloaded
```

## Step 5:

Run all the command one by one

```
Windows PowerShell
OK
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\SYSTEMS\bluemix\plugins\container-registry. Use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin show container-registry' to show its details.
PS C:\Users\SYSTEMS> ibmcloud login -a https://cloud.ibm.com
API endpoint: https://cloud.ibm.com

Email> 951319104029@smartinternz.com

Password>
Authenticating...
OK

Targeted account Mahalakshmi M's Account (744e7cbee123467a86464f1564fcfe06)

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> 4
Targeted region jp-tok

API endpoint: https://cloud.ibm.com
Region: jp-tok
User: 951319104029@smartinternz.com
Account: Mahalakshmi M's Account (744e7cbee123467a86464f1564fcfe06)
Resource group: No resource group targeted, use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:

PS C:\Users\SYSTEMS> ibmcloud cr namespace-add magick
No resource group is targeted. Therefore, the default resource group for the account ('Default') is targeted.
Adding namespace 'magick' in resource group 'Default' for account Mahalakshmi M's Account in registry jp.icr.io...
Successfully added namespace 'magick'

OK
PS C:\Users\SYSTEMS> docker push jp.icr.io/magick/docker:latest
[2022-10-30T16:06:39.740411700Z][docker-credential-desktop][W] Windows version might not be up-to-date: The system cannot find the file specified.
The push refers to repository [jp.icr.io/magick/docker]
```

## Step 6:

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