

# Setting Up Application Environment

## Install IBM Cloud CLI

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Project Name	Smart Fashion Recommender Application
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### 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 image shows two screenshots of the IBM Cloud interface. The top screenshot is the IBM Cloud dashboard, displaying a search bar with 'container registry' entered, a sidebar with navigation options, and a main area with various service tiles and news. The bottom screenshot is the 'Quick start' guide for Container Registry, which provides step-by-step instructions for installation and setup, including commands for installing the CLI, logging in, and setting the region and namespace.

**Dashboard Screenshot:**

- Search bar: container registry
- Dashboard title: container registry
- Buttons: Edit dashboard, Upgrade account, Create resource
- For you section: Build, Container Registry, Container Security Services, Red Hat OpenShift on IBM Cloud, Code Engine, Kubernetes Service
- Search results: Search "container registry" in Support Cases, Search "container registry" in Docs
- News section: IBM Named a Leader in Gartner Magic Quadrant for Full Life Cycle API Management, IBM to Introduce a New Incident Management SaaS Offering, IBM Cloud Satellite New Pricing, IBM Cloud Data Shield Deprecation
- Recent support cases, Planned maintenance, IBM Cloud status

**Quick start Screenshot:**

- 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.
- 4. Log in to your IBM Cloud account.
- 5. Ensure that you're targeting the correct IBM Cloud Container Registry region.
- 6. Choose a name for your first namespace, and create that namespace. Use this namespace for the rest of the Quick Start.

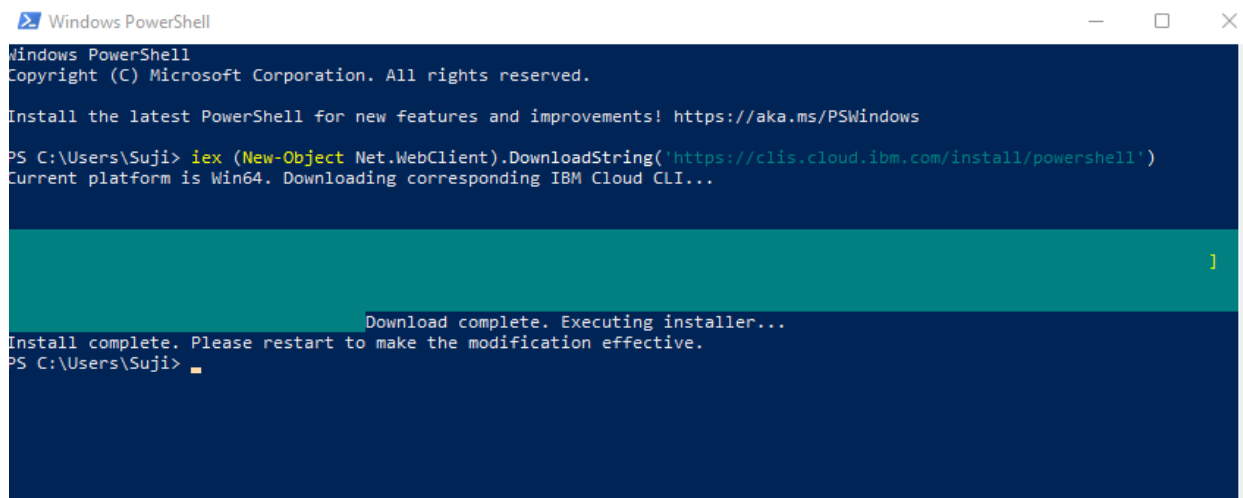
## Step 2:

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

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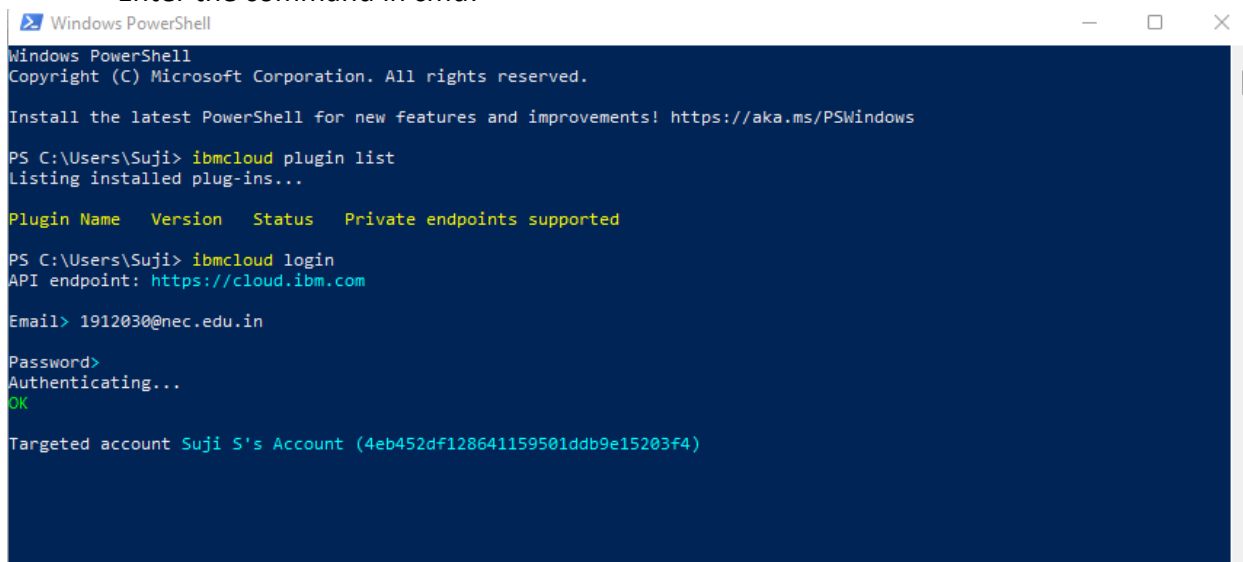
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\Suji> 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\Suji>
```

## Step 4:

Enter the command in cmd:



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

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

Plugin Name    Version    Status    Private endpoints supported
-----
ibmcloud       1.0.0      OK        No

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

Email> 1912030@nec.edu.in

Password>
Authenticating...
OK

Targeted account Suji S's Account (4eb452df128641159501ddb9e15203f4)
```

## Step 5:

Run all the command one by one in cmd

[https://cloud.ibm.com/docs/containers?topic=containers-cs\\_cli\\_install](https://cloud.ibm.com/docs/containers?topic=containers-cs_cli_install)

```
Windows PowerShell
11. br-sao
Enter a number>

API endpoint:      https://cloud.ibm.com
Region:
User:              1912030@nec.edu.in
Account:           Suji S's Account (4eb452df128641159501ddb9e15203f4)
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\Suji> 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% 34s
28168192 bytes downloaded
Installing binary...
OK
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\Suji\bluemix\plugins\container-service. Use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin show container-service' to show its details.
PS C:\Users\Suji> 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'
Plug-in 'container-registry 1.0.2' was already installed. Do you want to update it with 'container-registry[cr] 1.0.2' or not? [y/N] > ibmcloud plugin install observe-service
FAILED
input must be 'y', 'n', 'yes' or 'no'

PS C:\Users\Suji> 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% 22s
14024704 bytes downloaded
Installing binary...
OK
Plug-in 'observe-service 1.0.82' was successfully installed into C:\Users\Suji\bluemix\plugins\observe-service. Use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin show observe-service' to show its details.
PS C:\Users\Suji> ibmcloud plugin list
Listing installed plug-ins...

Plugin Name          Version  Status  Private endpoints supported
container-registry   1.0.2    true    true
container-service[kubernetes-service/ks] 1.0.459  false   false
observe-service[ob]  1.0.82   false   false

PS C:\Users\Suji> kubect1 version --short
```

## Step 6:

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