

Setting Up Application Environment

Install IBM Cloud CLI

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Project Name	Skill and Job 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 console. The top screenshot displays the 'container registry' search results page. It features a sidebar with a 'Build' section and a main area with a 'Catalog Results' section. A dropdown menu is open, showing options like 'Container Registry', 'Container Security Services', 'Red Hat OpenShift on IBM Cloud', 'Code Engine', and 'Kubernetes Service'. The bottom screenshot shows the 'Container Registry' quick start guide. It includes a sidebar with 'Quick start', 'Namespaces', 'Repositories', 'Images', 'Trash', and 'Settings'. The main content area lists steps for installation and setup, including installing the IBM Cloud CLI, Docker CLI, and Container Registry plugin, logging in, and setting the region.

Top Screenshot: Container Registry Search Results

- Search bar: 0 resource results found
- Buttons: Edit dashboard, Upgrade account, Create resource
- For you section: Build (Explore IBM Cloud with the selection of easy starter tutorials and services.)
- Catalog Results: View all catalog results
- Service cards: Container Registry, Container Security Services, Red Hat OpenShift on IBM Cloud, Code Engine, Kubernetes Service
- Search links: Search "container registry" in Support Cases, Search "container registry" in Docs

Bottom Screenshot: Container Registry Quick Start

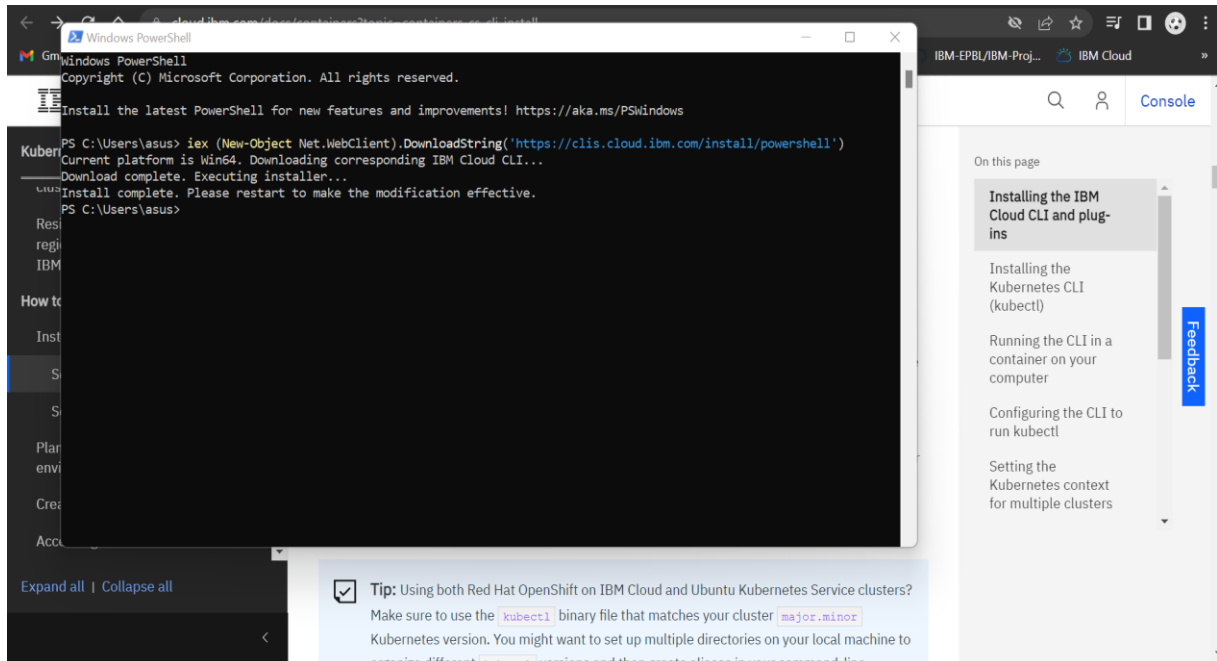
- Search resources and products...
- Install, Set Up, and Log In
- Steps:
 1. Install the IBM Cloud CLI.
 2. Install the Docker CLI.
 3. Install the Container Registry plug-in.
`ibmcloud plugin install container-registry -r 'IBM Cloud'`
 4. Log in to your IBM Cloud account.
`ibmcloud login -a https://cloud.ibm.com`
 5. Ensure that you're targeting the correct IBM Cloud Container Registry region.
`ibmcloud cr region-set global`
 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>

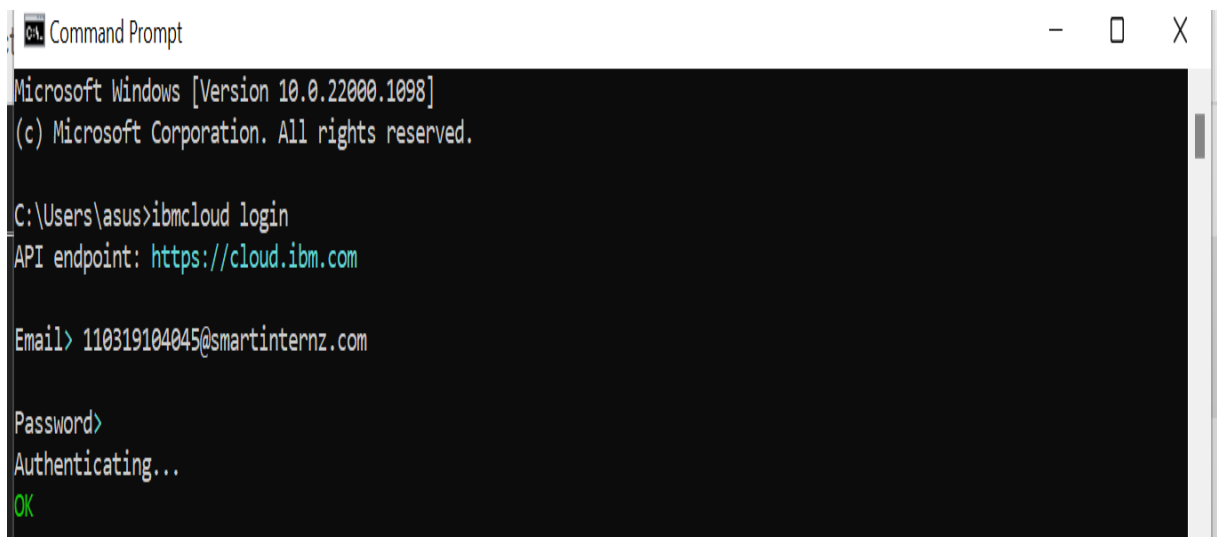
Step 3:

Run the command in power shell,



Step 4:

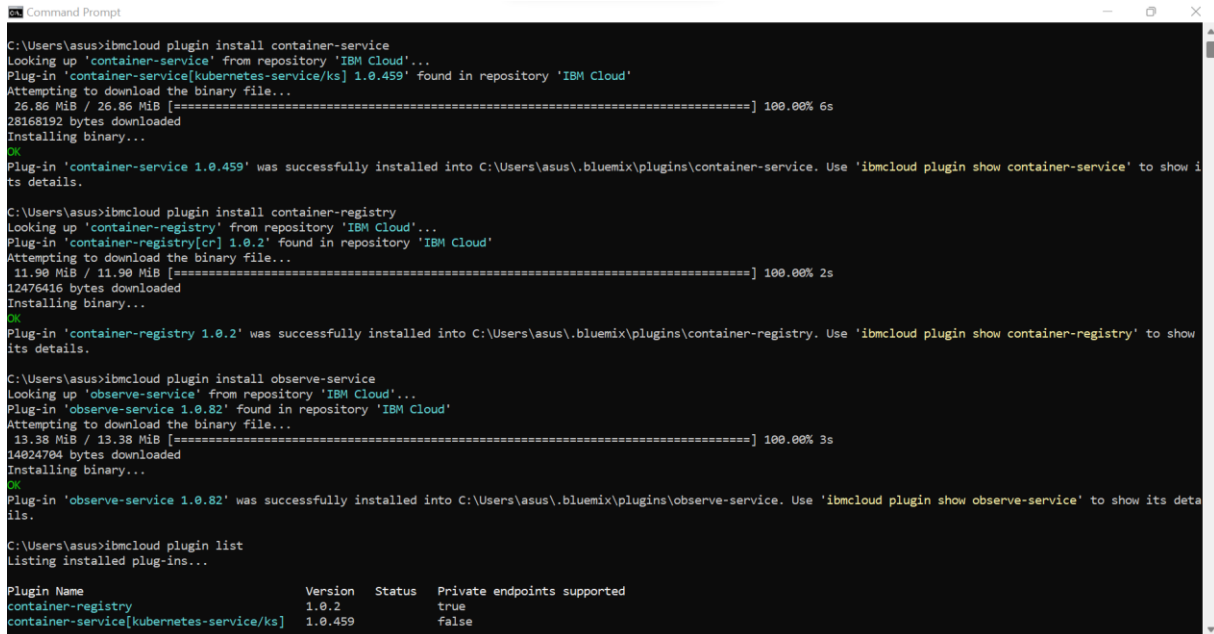
Enter the command in cmd:



Step 5:

Run all the command one by one in cmd

https://cloud.ibm.com/docs/containers?topic=containers-cs_cli_install



```
C:\Users\asus>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% 6s
28168192 bytes downloaded
Installing binary...
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\asus\.bluemix\plugins\container-service. Use 'ibmcloud plugin show container-service' to show its details.

C:\Users\asus>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% 2s
12476416 bytes downloaded
Installing binary...
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\asus\.bluemix\plugins\container-registry. Use 'ibmcloud plugin show container-registry' to show its details.

C:\Users\asus>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% 3s
14024704 bytes downloaded
Installing binary...
Plug-in 'observe-service 1.0.82' was successfully installed into C:\Users\asus\.bluemix\plugins\observe-service. Use 'ibmcloud plugin show observe-service' to show its details.

C:\Users\asus>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
```

Step 6:

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