

Setting Up Application Environment

Install IBM Cloud CLI

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Project Name	Containment Zone Alerting 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 screenshot shows the IBM Cloud Container Registry page. The page has a dark theme. At the top, there's a navigation bar with 'IBM Cloud' and a search bar. Below the navigation bar, there's a 'Container Registry' section with a 'Get started' button. The main content area is divided into sections: 'Summary' and 'Features'. The 'Summary' section describes the service as a fully managed private registry for Docker container images. The 'Features' section lists three key features: 'Highly available and scalable private registry', 'Image security compliance with Vulnerability Advisor', and 'Quota limits for storage and pull traffic'.

Step 2:

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

IBM Cloud

Container Registry

Quick start

Namespaces0

Repositories0

Images0

Trash0

Settings

Search resources and products...

CatalogManageDhanush N's Account

Quick start

LocationGlobal

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.

ibmcloud plugin install container-registry -r 'IBM Cloud'

4. Log in to your IBM Cloud account.

ibmcloud login -a https://cloud.ibm.com

86°F Mostly cloudy

Search

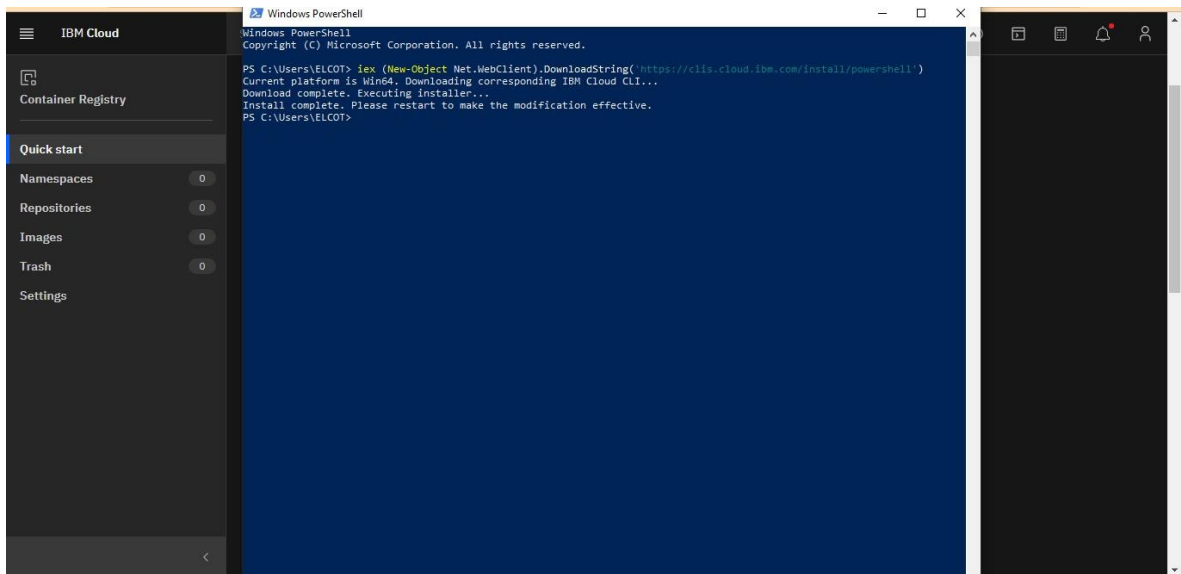
ENG US

1:54 PM 11/18/2022

Step 3:

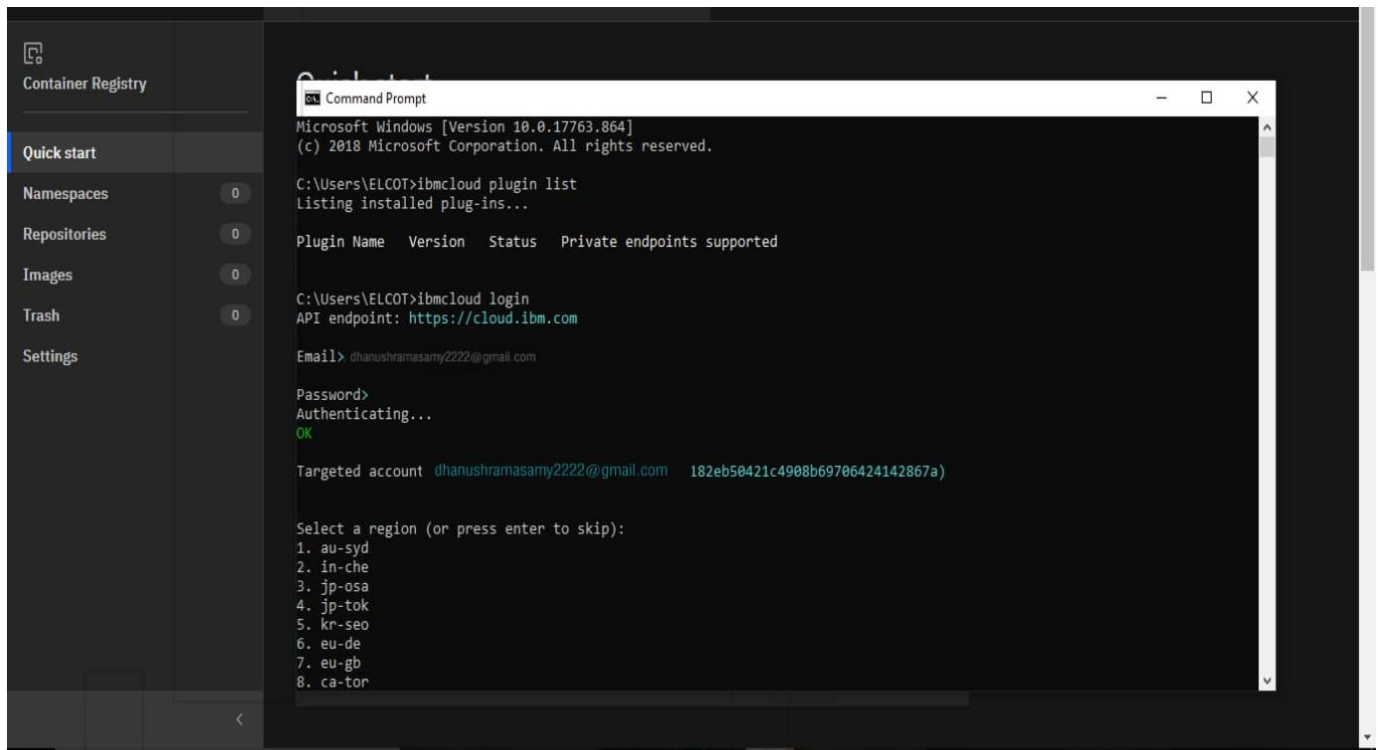
Run the command in power shell,

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



Step 4:

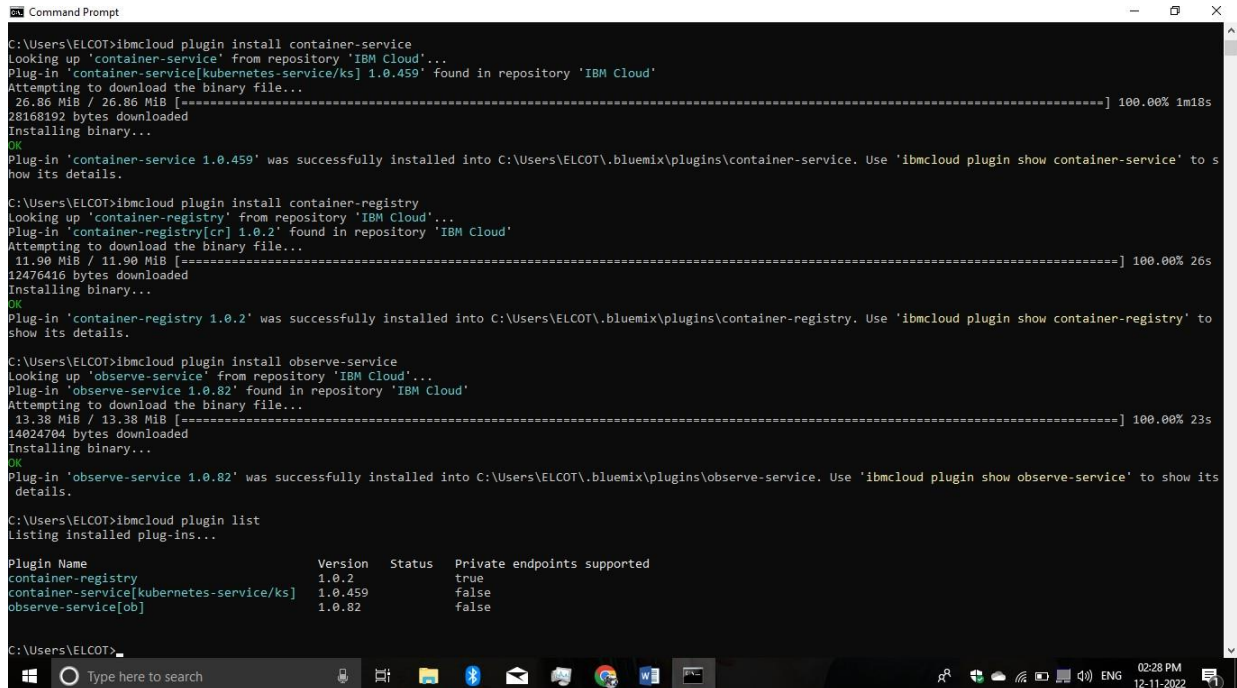
Enter the command in cmd:



Step 5:

Run all the command one by one in cmd

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



```
C:\Users\ELCOT>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% 1m18s
28168192 bytes downloaded
Installing binary...
OK
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\ELCOT\bluemix\plugins\container-service. Use 'ibmcloud plugin show container-service' to show its details.

C:\Users\ELCOT>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% 26s
12476416 bytes downloaded
Installing binary...
OK
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\ELCOT\bluemix\plugins\container-registry. Use 'ibmcloud plugin show container-registry' to show its details.

C:\Users\ELCOT>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% 23s
14024704 bytes downloaded
Installing binary...
OK
Plug-in 'observe-service 1.0.82' was successfully installed into C:\Users\ELCOT\bluemix\plugins\observe-service. Use 'ibmcloud plugin show observe-service' to show its details.

C:\Users\ELCOT>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
```

Step 6:

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