

Setting Up Application Environment

Install IBM Cloud CLI

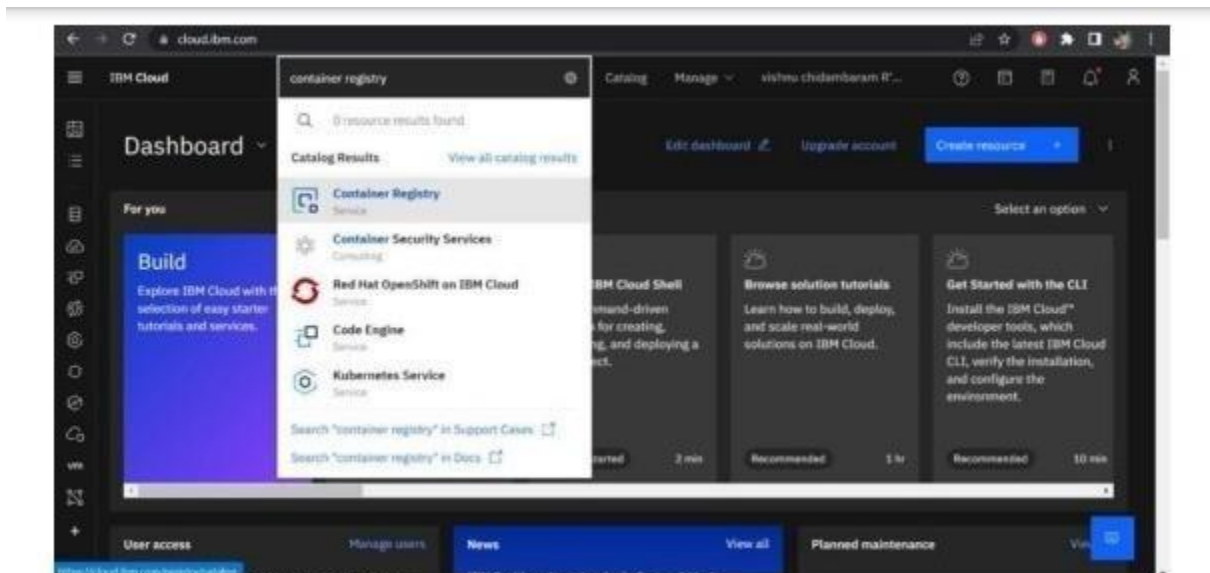
Date	29 OCT 2022
Team ID	PNT2022TMID00768
Project Name	Containment Zone Alerting Application

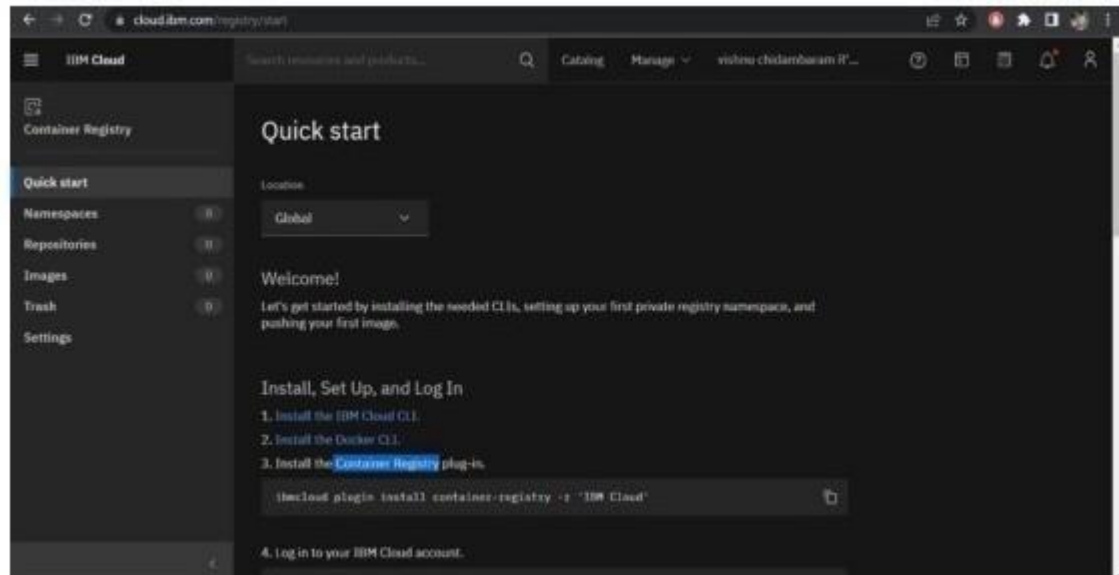
Step 1:

Login to your IBM Cloud

<https://cloud.ibm.com/login>

and in-search bar you can type Container registry and click to get started.

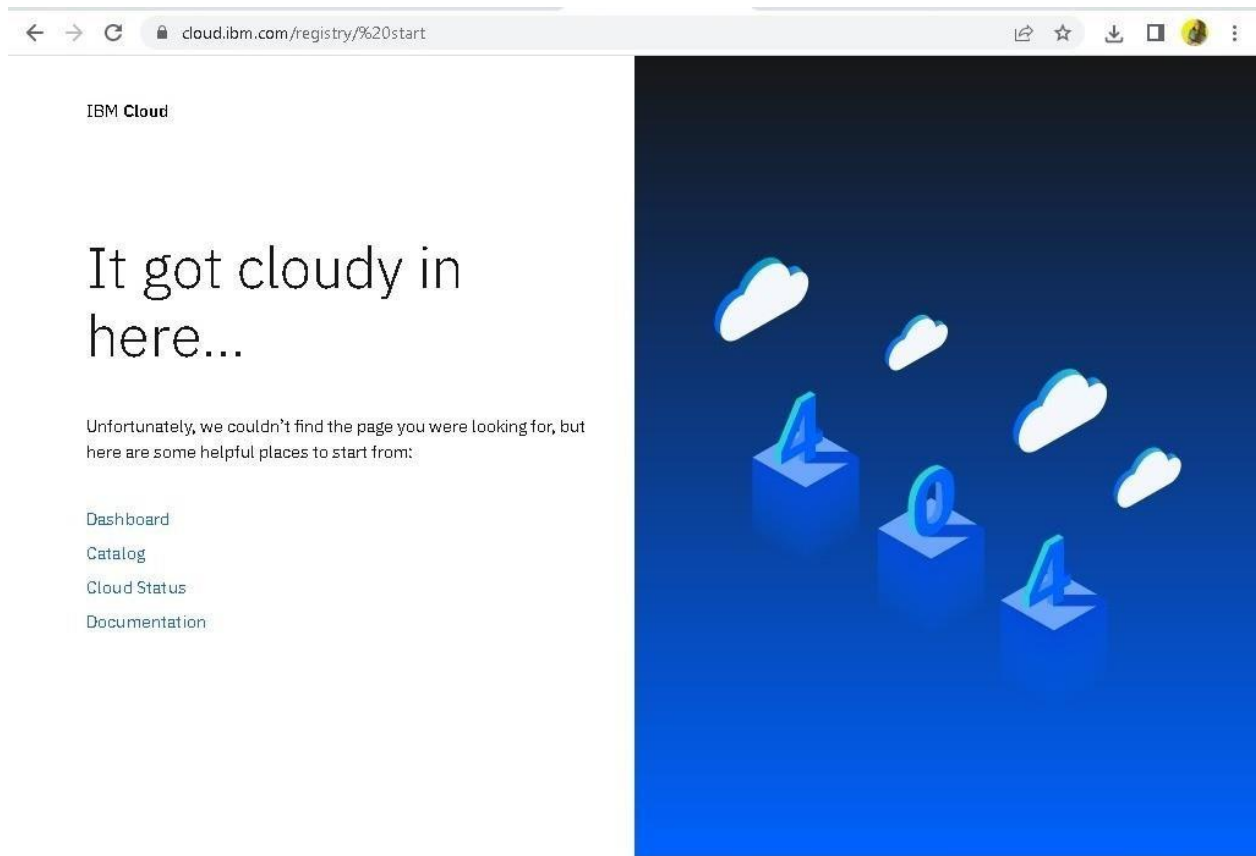




Step 2:

Follow and do the step given in this page one by one

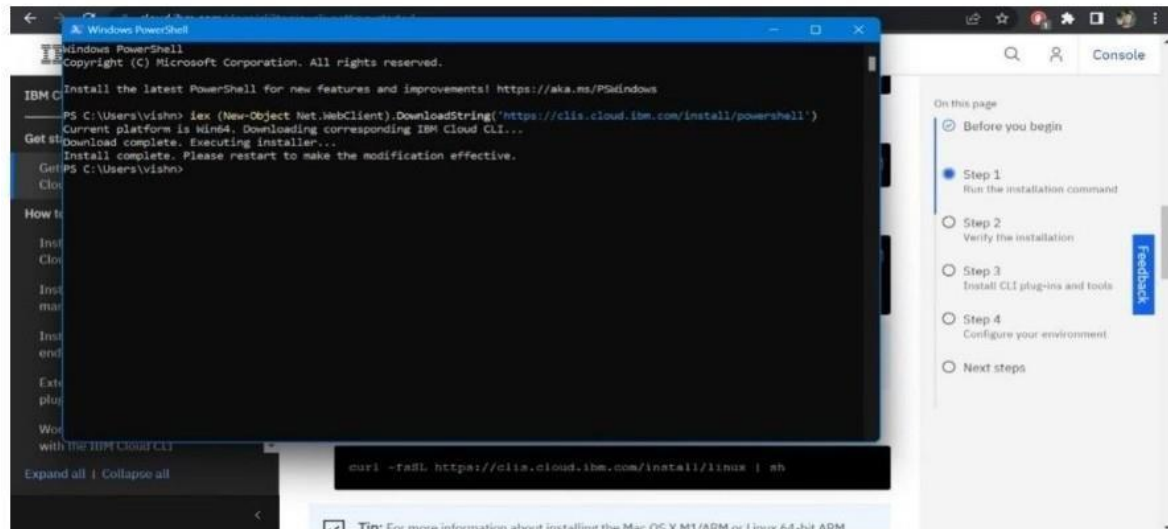
<https://cloud.ibm.com/registry/%20start>



Step 3:

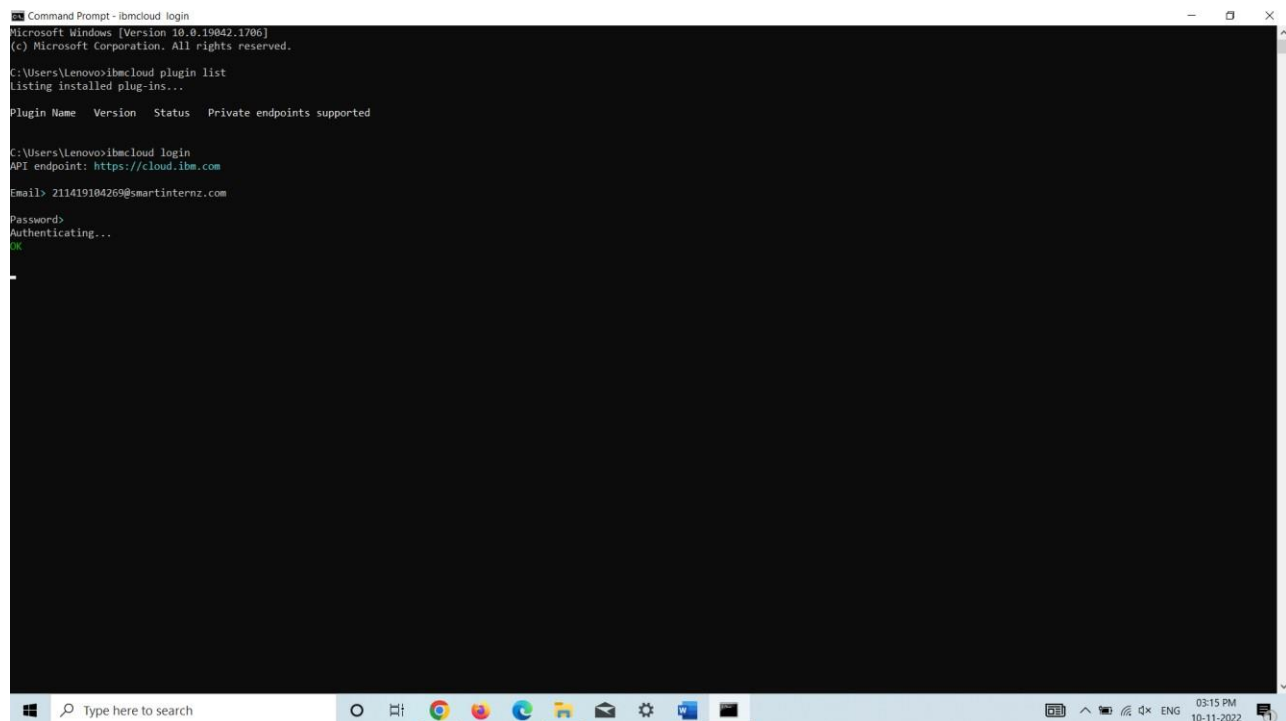
Run the command in power shell, (New-Object Net.WebClient).

`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

The screenshot shows the IBM Cloud documentation website. The browser address bar displays the URL `cloud.ibm.com/docs/containers?topic=containers-cs_cli_install`. The page header includes the IBM logo, navigation links for Cloud, Products, Solutions, Pricing, Docs, and a search icon. A 'Log in' button and a 'Create IBM Cloud account' button are also present. On the left, a sidebar menu for 'Kubernetes service' lists various topics, with 'Setting up the CLI' highlighted. The main content area is titled 'Setting up the CLI' and includes a sub-header 'Installing the IBM Cloud CLI and plug-ins'. The text explains that the IBM Cloud Kubernetes Service CLI is used to create and manage clusters. A list of required CLIs and plug-ins is provided: IBM Cloud CLI (`ibmcloud`), IBM Cloud Kubernetes Service plug-in (`ibmcloud ks`), IBM Cloud Container Registry plug-in (`ibmcloud cr`), and IBM Cloud Kubernetes Service observability plug-in (`ibmcloud ob`). On the right, a 'On this page' section lists links to related topics like 'Installing the IBM Cloud CLI and plug-ins', 'Installing the Kubernetes CLI (kubectl)', and 'Running the CLI in a container on your computer'. A 'Feedback' button is located on the right side of the page. At the bottom, a 'Cookie Preferences' button is visible.

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

IBM Cloud Products Solutions Pricing Docs Log in Create IBM Cloud account

Kubernetes service

- Using Calico network policies to control traffic on Classic clusters
- Resilient and secure multi-region Kubernetes clusters with IBM Cloud Internet Services
- How to
 - Installing the CLI and API
 - Setting up the CLI**
 - Setting up the API
- Planning your cluster environment
- Creating clusters
- Accessing clusters
- Managing the cluster and worker node lifecycle

Expand all | Collapse all

Setting up the CLI

You can use the IBM Cloud® Kubernetes Service CLI to create and manage your Kubernetes clusters. To use the API, see [Setting up the API](#).

Installing the IBM Cloud CLI and plug-ins

Install the required CLIs to create and manage your Kubernetes clusters in IBM Cloud Kubernetes Service, and to deploy containerized apps to your cluster.

This task includes the information for installing these CLIs and plug-ins:

- IBM Cloud CLI (`ibmcloud`)
- IBM Cloud Kubernetes Service plug-in (`ibmcloud ks`)
- IBM Cloud Container Registry plug-in (`ibmcloud cr`)
- IBM Cloud Kubernetes Service observability plug-in (`ibmcloud ob`)

On this page

- Installing the IBM Cloud CLI and plug-ins**
- Installing the Kubernetes CLI (kubectl)
- Running the CLI in a container on your computer
- Configuring the CLI to run kubectl
- Setting the Kubernetes context for multiple clusters
- Creating a temporary kubeconfig file

Feedback

Cookie Preferences

```
Command Prompt
C:\API endpoint:
Org:
Space:

C:\Users\Lenovo>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...
OK
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\Lenovo\bluemix\plugins\container-service. Use 'ibmcloud plugin show container-service' to show its details.

C:\Users\Lenovo>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% 3s
12476416 bytes downloaded
Installing binary...
OK
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\Lenovo\bluemix\plugins\container-registry. Use 'ibmcloud plugin show container-registry' to show its details.

C:\Users\Lenovo>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% 4s
14024704 bytes downloaded
Installing binary...
OK
Plug-in 'observe-service 1.0.82' was successfully installed into C:\Users\Lenovo\bluemix\plugins\observe-service. Use 'ibmcloud plugin show observe-service' to show its details.

C:\Users\Lenovo>
```

Step 6:

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