

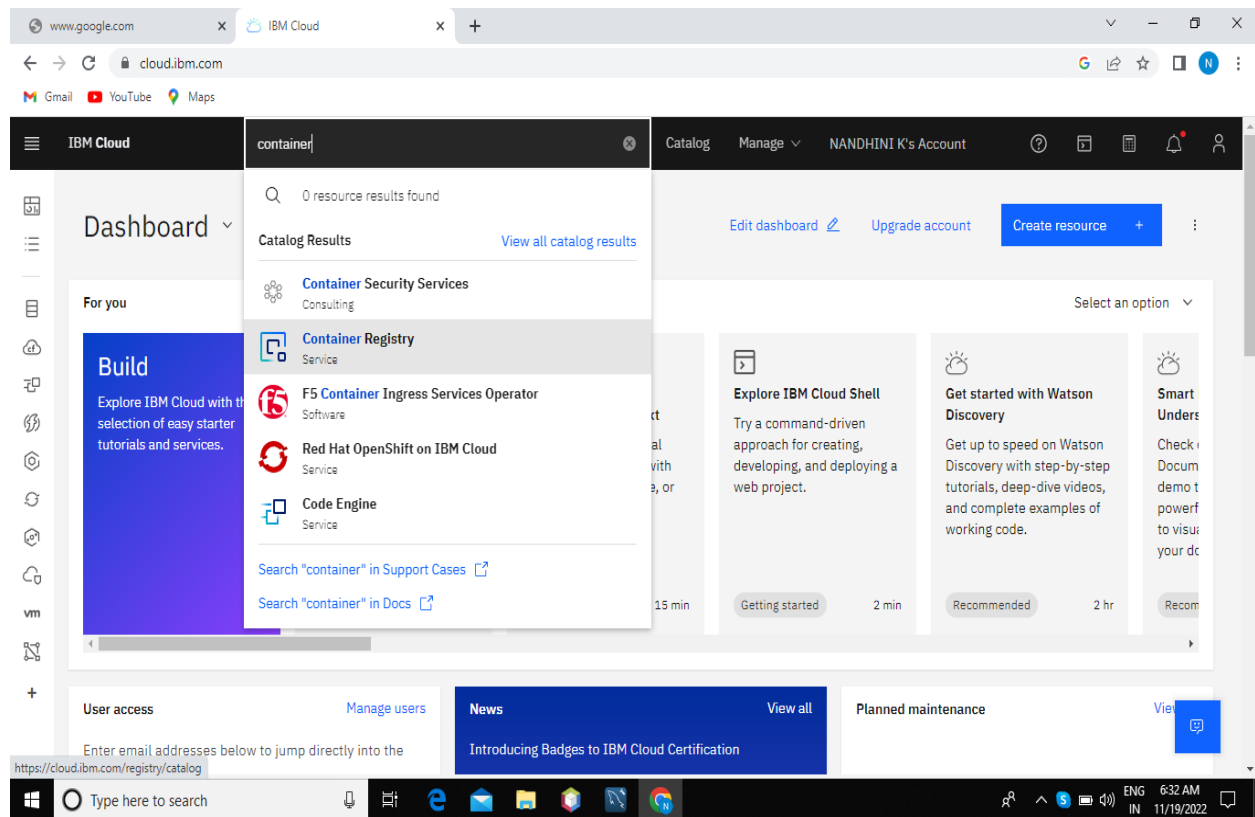
SETTING UP APPLICATION ENVIRONMENT

Install IBM Cloud CLI

Team ID	PNT2022TMID29840
Project Name	Skill/Job Recommender Application

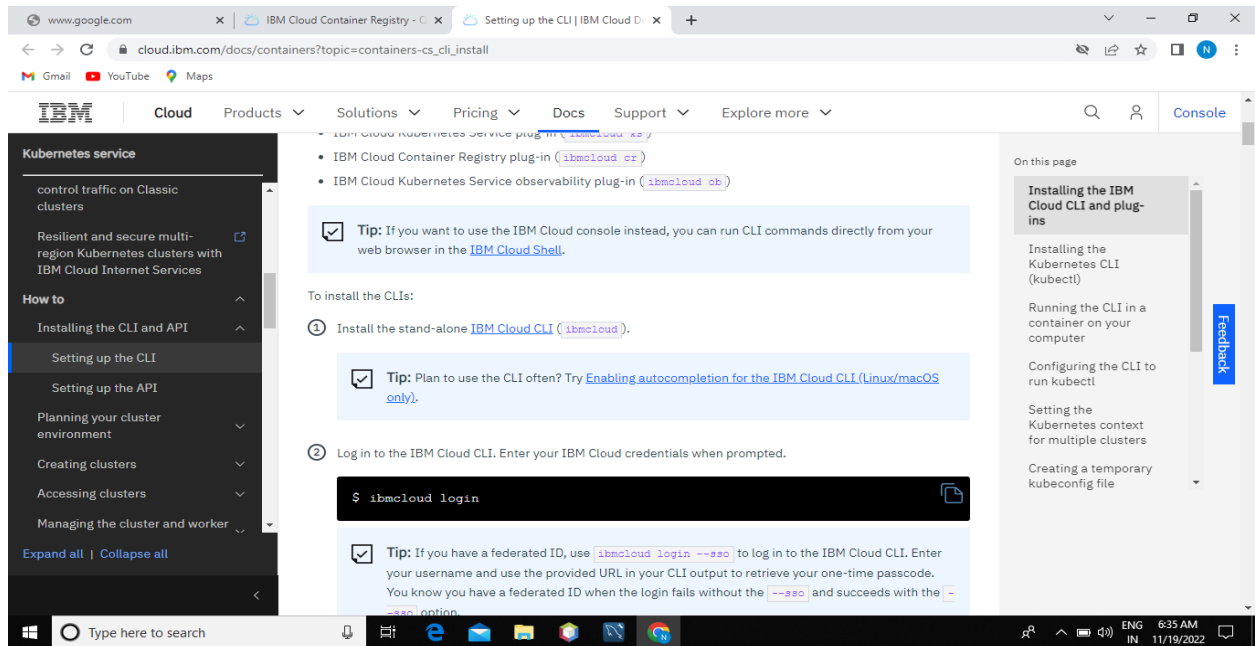
STEP 1:

Login to your IBM Cloud account and get start container registry



STEP 2:

Commands to install IBM Cloud CLI:



The screenshot shows the IBM Cloud documentation page for installing the CLI. The left sidebar contains a navigation menu with sections like 'Kubernetes service', 'How to', and 'Installing the CLI and API'. The main content area lists steps for installation, including installing the stand-alone IBM Cloud CLI and logging in. A tip suggests using the IBM Cloud Shell. The right sidebar contains a 'Feedback' button and a list of topics related to the CLI.

IBM Cloud Container Registry - C X Setting up the CLI | IBM Cloud D X

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

IBM Cloud

Kubernetes service

- 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

Expand all | Collapse all

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](#))

Tip: If you want to use the IBM Cloud console instead, you can run CLI commands directly from your web browser in the [IBM Cloud Shell](#).

To install the CLIs:

- 1 Install the stand-alone [IBM Cloud CLI](#) ([ibmcloud](#)).

Tip: Plan to use the CLI often? Try [Enabling autocompletion for the IBM Cloud CLI \(Linux/macOS only\)](#).

- 2 Log in to the IBM Cloud CLI. Enter your IBM Cloud credentials when prompted.

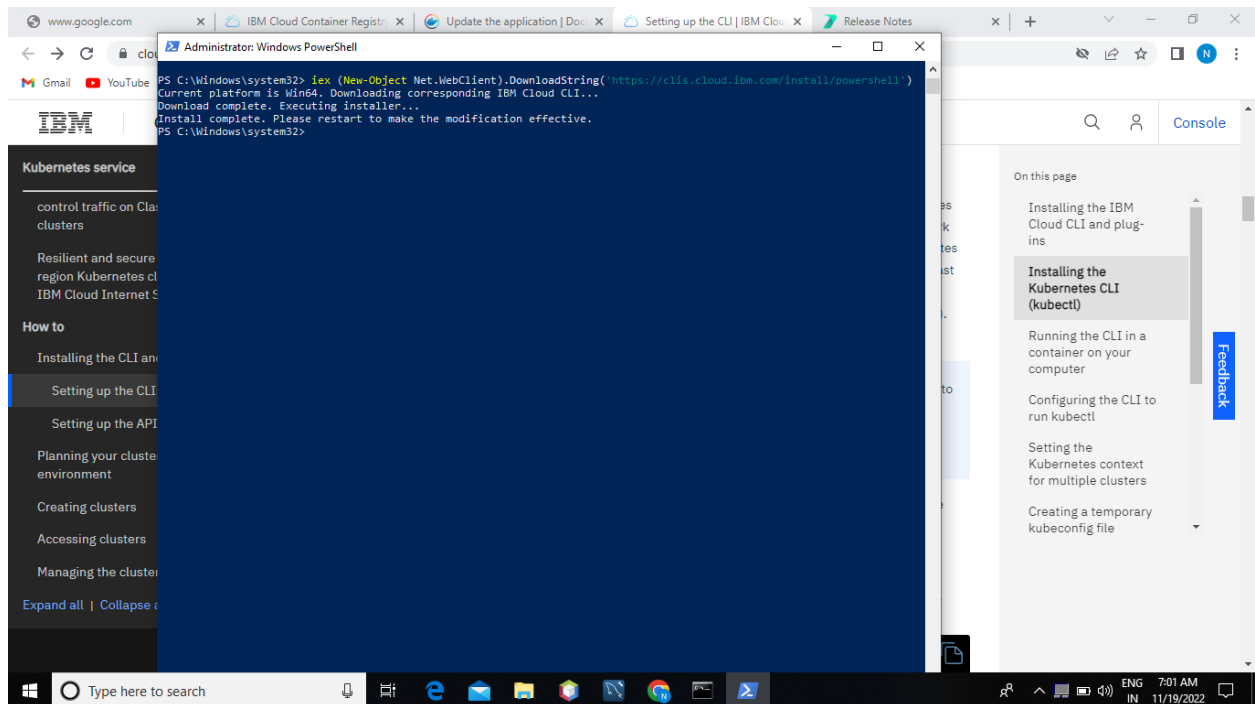
```
$ ibmcloud login
```

Tip: If you have a federated ID, use `ibmcloud login --sso` to log in to the IBM Cloud CLI. Enter your username and use the provided URL in your CLI output to retrieve your one-time passcode. You know you have a federated ID when the login fails without the `--sso` and succeeds with the `--sso` option.

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



The screenshot shows a Windows PowerShell terminal window with the command prompt. The command executed is `PS C:\Windows\system32> iex (New-Object Net.WebClient).DownloadString('https://cli.cloud.ibm.com/install/powershell')`. The output shows the current platform is Win64, the CLI is downloaded, and the installer is executed. The terminal window is overlaid on the IBM Cloud documentation page.

Administrator: Windows PowerShell

```
PS C:\Windows\system32> iex (New-Object Net.WebClient).DownloadString('https://cli.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:\Windows\system32>
```

IBM Cloud Container Registry - C X Setting up the CLI | IBM Cloud D X

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

Command Prompt

Microsoft Windows [Version 10.0.17763.1577]
(c) 2018 Microsoft Corporation. All rights reserved.

Kubernetes: C:\Users\Nandhini kesavan>cd desktop
C:\Users\Nandhini kesavan\Desktop>cd SETTING UP APPLICATION ENVIRONMENT
control C:\Users\Nandhini kesavan\Desktop\SETTING UP APPLICATION ENVIRONMENT>ibmcloud plugin list
Listing installed plug-ins...

Resilient	Plugin Name	Version	Status	Private endpoints supported
region K				

IBM Cloud: C:\Users\Nandhini kesavan\Desktop\SETTING UP APPLICATION ENVIRONMENT>ibmcloud login
API endpoint: https://cloud.ibm.com

How to

Install

Email: 610519104068@smartinternz.com

Password:

Setting up authentication...

OK

Setting

Targeted account NANDHINI K's Account (d35981b259144eb6b1146ac466d0d407)

Planning

environment: Select a region (or press enter to skip):
1. au-syd
2. in-che
3. jp-osa
Access: 4. jp-tok

Managing the cluster and worker

Expand all | Collapse all

To create a logging configuration for IBM Log Analysis or a monitoring configuration for IBM Cloud Monitoring for your cluster, install the IBM Cloud Kubernetes Service observability plug-in ([ibmcloud ob](#)).

\$ ibmcloud plugin install observe-service

On this page

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Feedback

ENG 7:28 AM
IN 11/19/2022

IBM Cloud Container Registry - C X Setting up the CLI | IBM Cloud D X

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

Command Prompt

User: 610519104068@smartinternz.com
Account: NANDHINI K's Account (d35981b259144eb6b1146ac466d0d407)
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:

Kubernetes: control C:\Users\Nandhini kesavan\Desktop\SETTING UP APPLICATION ENVIRONMENT>ibmcloud plugin install container-service
clusters Looking up 'container-service' from repository 'IBM Cloud'...
Plug-in 'container-service[kubernetes-service/ks] 1.0.459' found in repository 'IBM Cloud'
Resilient Attempting to download the binary file...
region K 26.86 MiB / 26.86 MiB [=====] 100.00% 1m52s
IBM Cloud 28168192 bytes downloaded
Installing binary...
OK
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\Nandhini kesavan\bluemix\plugins\container-service. Use 'ibmcloud plugin show container-service' to show its details.

How to

Install

C:\Users\Nandhini kesavan\Desktop\SETTING UP APPLICATION ENVIRONMENT>ibmcloud plugin install container-registry
Setting Looking up 'container-registry' from repository 'IBM Cloud'...
Plug-in 'container-registry[cr] 1.0.2' found in repository 'IBM Cloud'
Setting Attempting to download the binary file...
11.90 MiB / 11.90 MiB [=====] 100.00% 34s
12476416 bytes downloaded
Installing binary...
OK
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\Nandhini kesavan\bluemix\plugins\container-registry. Use 'ibmcloud plugin show container-registry' to show its details.

Planning

environment: Creating registry. Use 'ibmcloud plugin show container-registry' to show its details.

Access: C:\Users\Nandhini kesavan\Desktop\SETTING UP APPLICATION ENVIRONMENT>ibmcloud plugin install observe-service

Managing the cluster and worker

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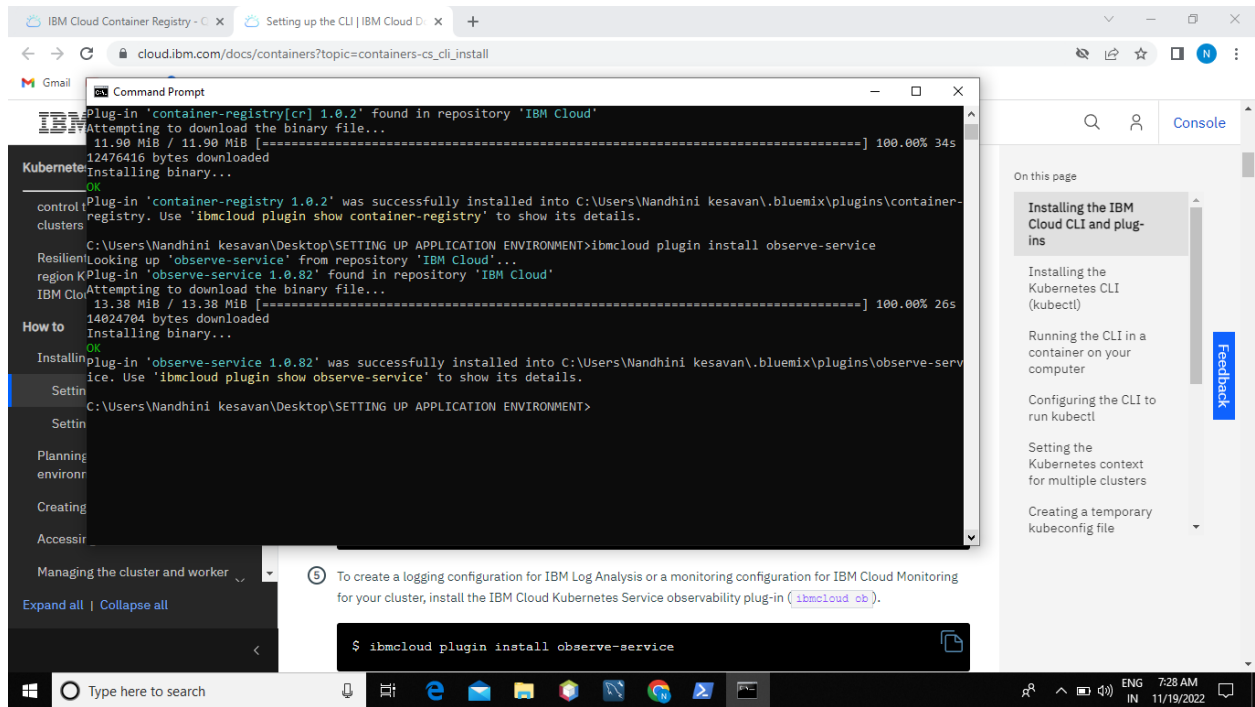
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Finally, We have successfully installed IBM Cloud CLI.