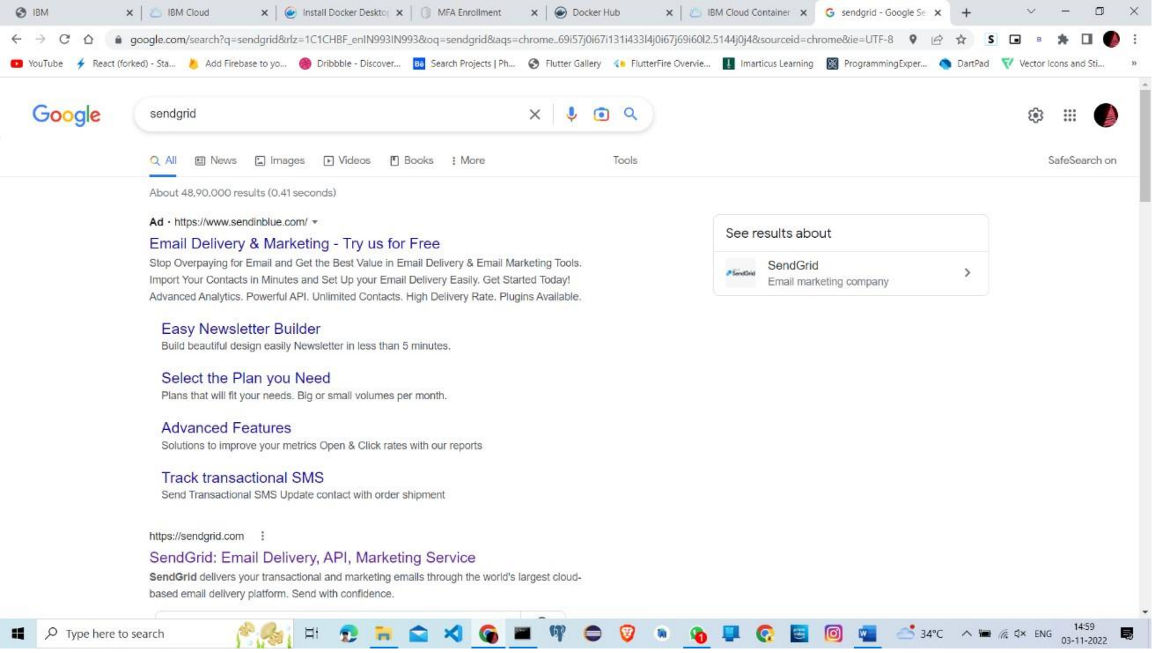
SETTING UP APPLICATION ENVIRONMENT

1. SENDGRID ACCOUNT CREATION:

Step1:Search for the sendgrid https://sendgrid.com/



About 48,90,000 results (0.41 seconds)

Ad · https://www.sendinblue.com/

Email Delivery & Marketing - Try us for Free

Stop Overpaying for Email and Get the Best Value in Email Delivery & Email Marketing Tools. Import Your Contacts in Minutes and Set Up your Email Delivery Easily. Get Started Today! Advanced Analytics. Powerful API. Unlimited Contacts. High Delivery Rate. Plugins Available.

Easy Newsletter Builder

Build beautiful design easily Newsletter in less than 5 minutes.

Select the Plan you Need

Plans that will fit your needs. Big or small volumes per month.

Advanced Features

Solutions to improve your metrics Open & Click rates with our reports

Track transactional SMS

Send Transactional SMS Update contact with order shipment

https://sendgrid.com

SendGrid: Email Delivery, API, Marketing Service

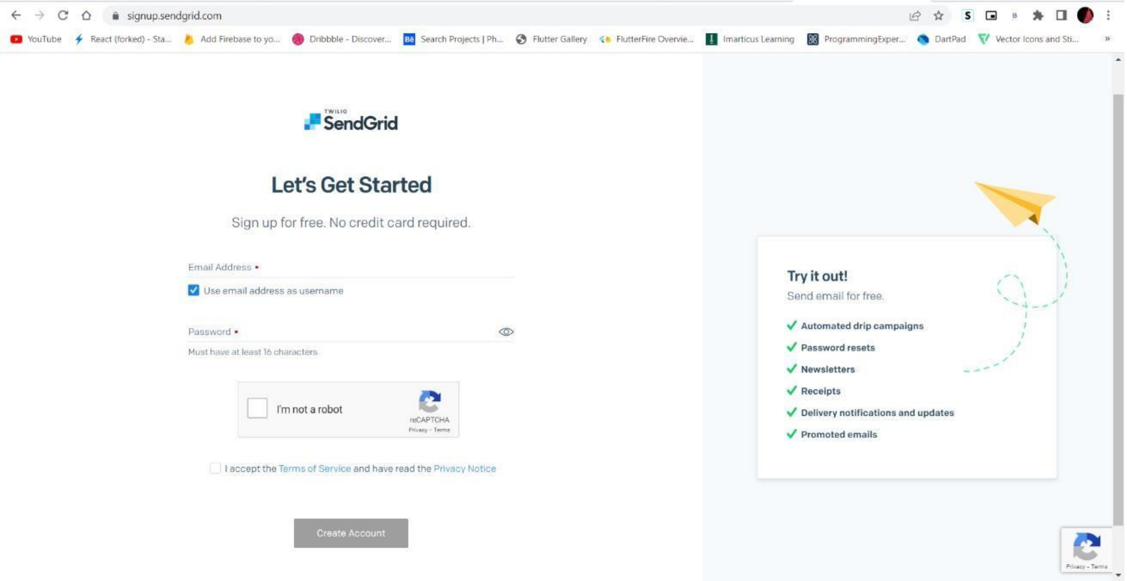
SendGrid delivers your transactional and marketing emails through the world's largest cloud-based email delivery platform. Send with confidence.

See results about

SendGrid

Email marketing company

Step 2:Registering new account



Let's Get Started

Sign up for free. No credit card required.

Email Address •

☑ Use email address as username

Password •

Must have at least 16 characters

□ I'm not a robot

□ I accept the Terms of Service and have read the Privacy Notice

Create Account

Try it out!

Send email for free.

✓ Automated drip campaigns

✓ Password resets

✓ Newsletters

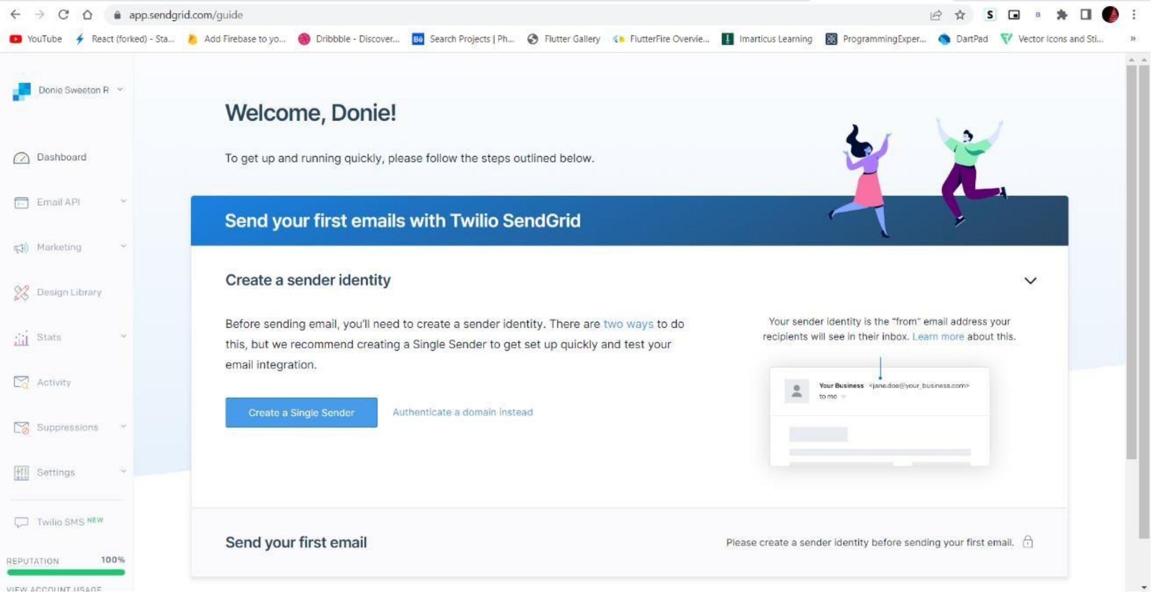
✓ Receipts

✓ Delivery notifications and updates

✓ Promoted emails

SETTING UP APPLICATION ENVIRONMENT

Step 3:Sendgrid account created



Welcome, Donie!

To get up and running quickly, please follow the steps outlined below.

Send your first emails with Twilio SendGrid

Create a sender identity

Before sending email, you'll need to create a sender identity. There are two ways to do this, but we recommend creating a Single Sender to get set up quickly and test your email integration.

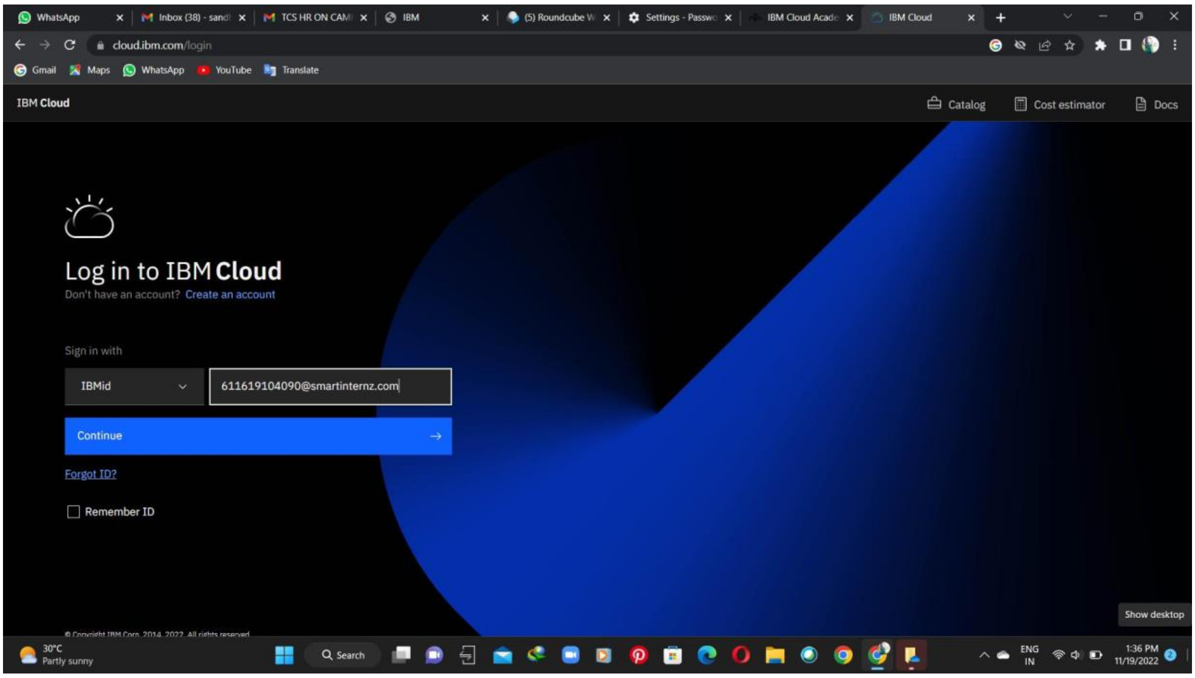
Your sender identity is the "from" email address your recipients will see in their inbox. Learn more about this.

Send your first email

Please create a sender identity before sending your first email.

2. IBM CLOUD CLI INSTALLATION:

Step1: in to the IBM cloud



Log in to IBM Cloud

Don't have an account? Create an account

Sign in with

IBMid

611619104090@smartinternz.com

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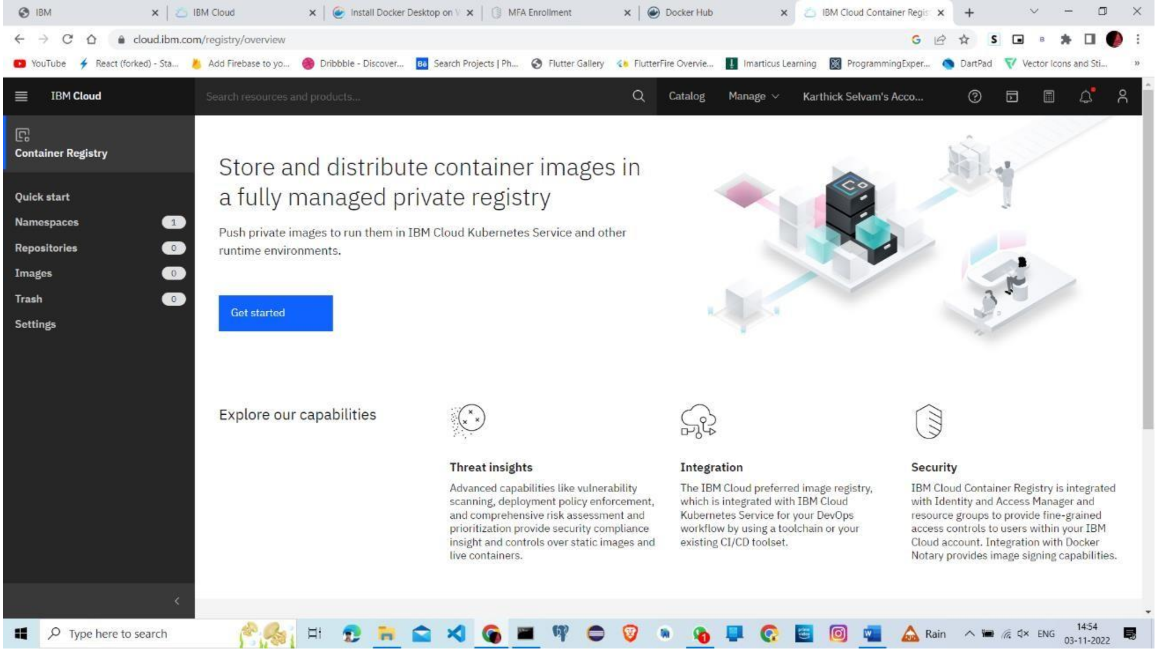
SETTING UP APPLICATION ENVIRONMENT

Step 2:Select container registry



Store and distribute container images in a fully managed private registry

Push private images to run them in IBM Cloud Kubernetes Service and other runtime environments.

Explore our capabilities

Threat insights

Advanced capabilities like vulnerability scanning, deployment policy enforcement, and comprehensive risk assessment and prioritization provide security compliance insight and controls over static images and live containers.

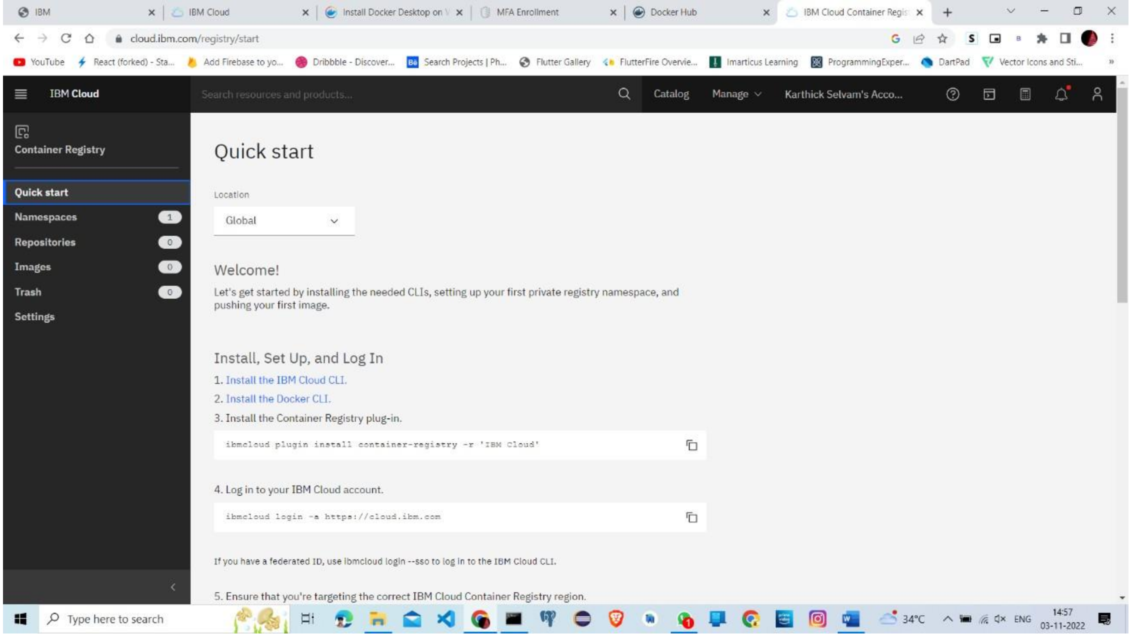
Integration

The IBM Cloud preferred image registry, which is integrated with IBM Cloud Kubernetes Service for your DevOps workflow by using a toolchain or your existing CI/CD toolset.

Security

IBM Cloud Container Registry is integrated with Identity and Access Manager and resource groups to provide fine-grained access controls to users within your IBM Cloud account. Integration with Docker Notary provides image signing capabilities.

Step3: Select Quickstart to open container registry and click on install IBM Cloud CLI



Quick start

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.

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

4. Log in to your IBM Cloud account.

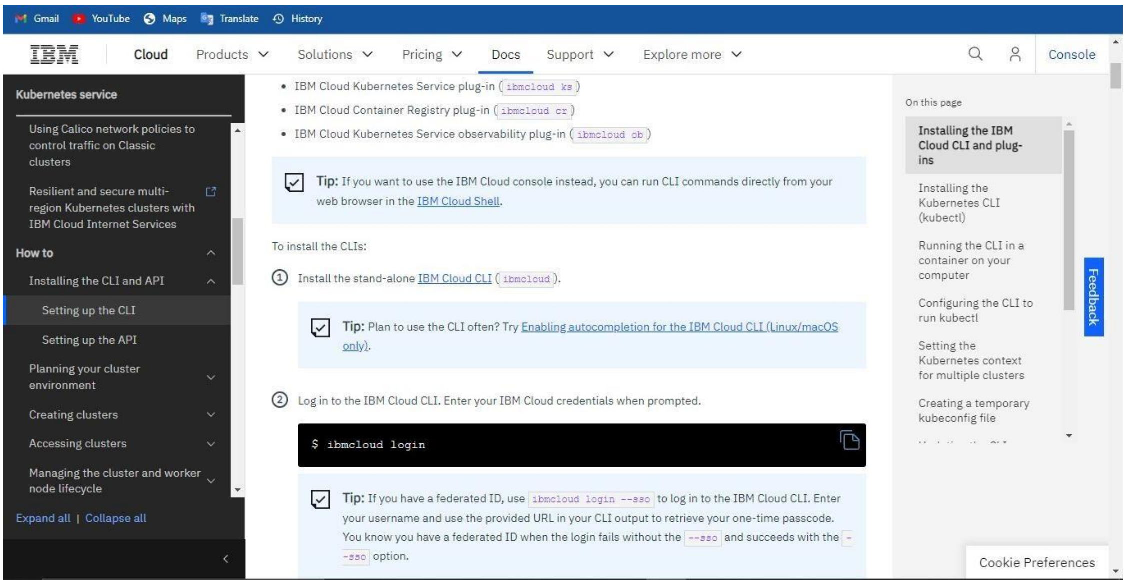
```
ibmcloud login -a https://cloud.ibm.com
```

If you have a federated ID, use ibmcloud login --sso to log in to the IBM Cloud CLI.

5. Ensure that you're targeting the correct IBM Cloud Container Registry region.

SETTING UP APPLICATION ENVIRONMENT

Step 4:Click on IBM Cloud CLI


Gmail
YouTube
Maps
Translate
History
IBM
Cloud
Products
Solutions
Pricing
Docs
Support
Explore more
Console
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
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

- 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`).

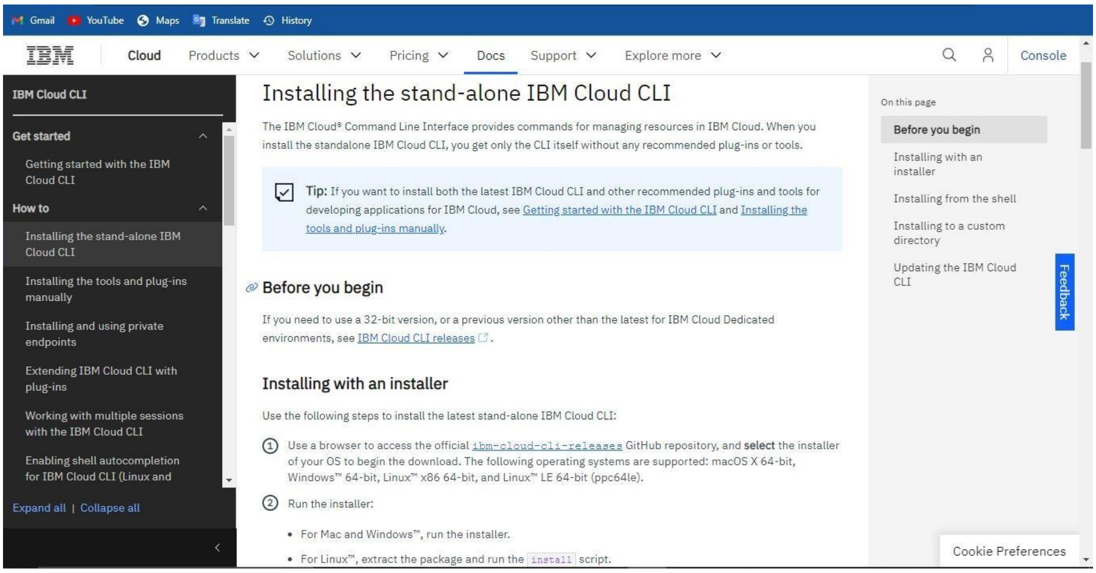
   Tip: Plan to use the CLI often? Try Enabling autocompletion for the IBM Cloud CLI (Linux/macOS only).

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.

Step 5:And then,Click on IBM Cloud CLI releases


Gmail
YouTube
Maps
Translate
History
IBM
Cloud
Products
Solutions
Pricing
Docs
Support
Explore more
Console
IBM Cloud CLI
Get started
Getting started with the IBM Cloud CLI
How to
Installing the stand-alone IBM Cloud CLI
Installing the tools and plug-ins manually
Installing and using private endpoints
Extending IBM Cloud CLI with plug-ins
Working with multiple sessions with the IBM Cloud CLI
Enabling shell autocompletion for IBM Cloud CLI (Linux and
Expand all | Collapse all
On this page
Before you begin
Installing with an installer
Installing from the shell
Installing to a custom directory
Updating the IBM Cloud CLI
Feedback
Cookie Preferences

Installing the stand-alone IBM Cloud CLI

The IBM Cloud® Command Line Interface provides commands for managing resources in IBM Cloud. When you install the standalone IBM Cloud CLI, you get only the CLI itself without any recommended plug-ins or tools.

Tip: If you want to install both the latest IBM Cloud CLI and other recommended plug-ins and tools for developing applications for IBM Cloud, see Getting started with the IBM Cloud CLI and Installing the tools and plug-ins manually.

Before you begin

If you need to use a 32-bit version, or a previous version other than the latest for IBM Cloud Dedicated environments, see IBM Cloud CLI releases.

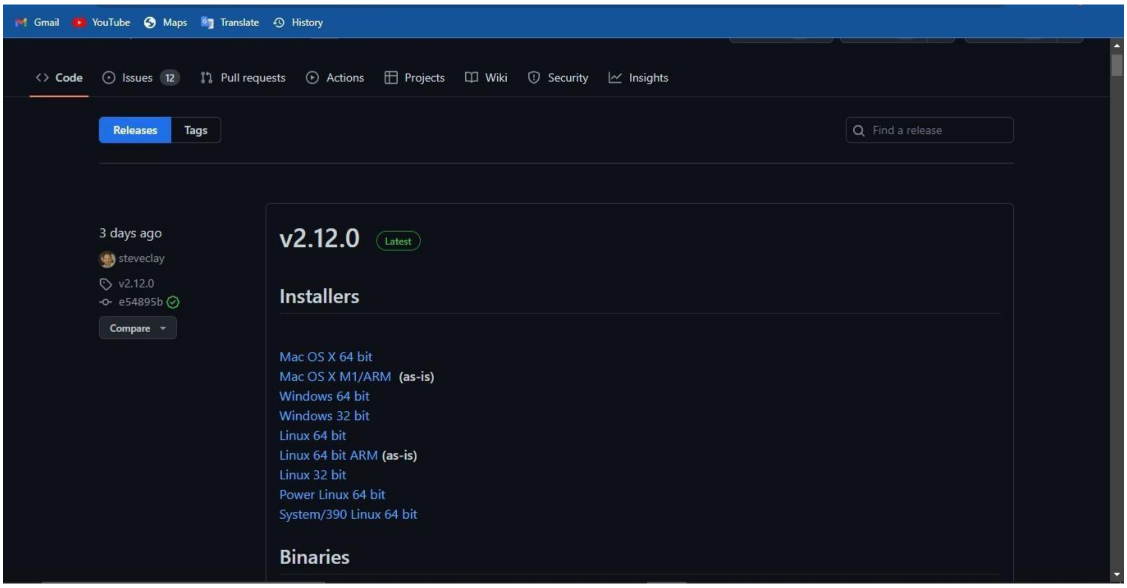
Installing with an installer

Use the following steps to install the latest stand-alone IBM Cloud CLI:

1. Use a browser to access the official `ibm-cloud-cli-releases` GitHub repository, and **select** the installer of your OS to begin the download. The following operating systems are supported: macOS X 64-bit, Windows™ 64-bit, Linux™ x86 64-bit, and Linux™ LE 64-bit (ppc64le).
2. Run the installer:
   - For Mac and Windows™, run the installer.
   - For Linux™, extract the package and run the `install` script.

SETTING UP APPLICATION ENVIRONMENT

Step 6:After that,the github page will open and download the IBM CLI installer by selecting as per your system required installer.



3 days ago
steveclay
v2.12.0
e54895b

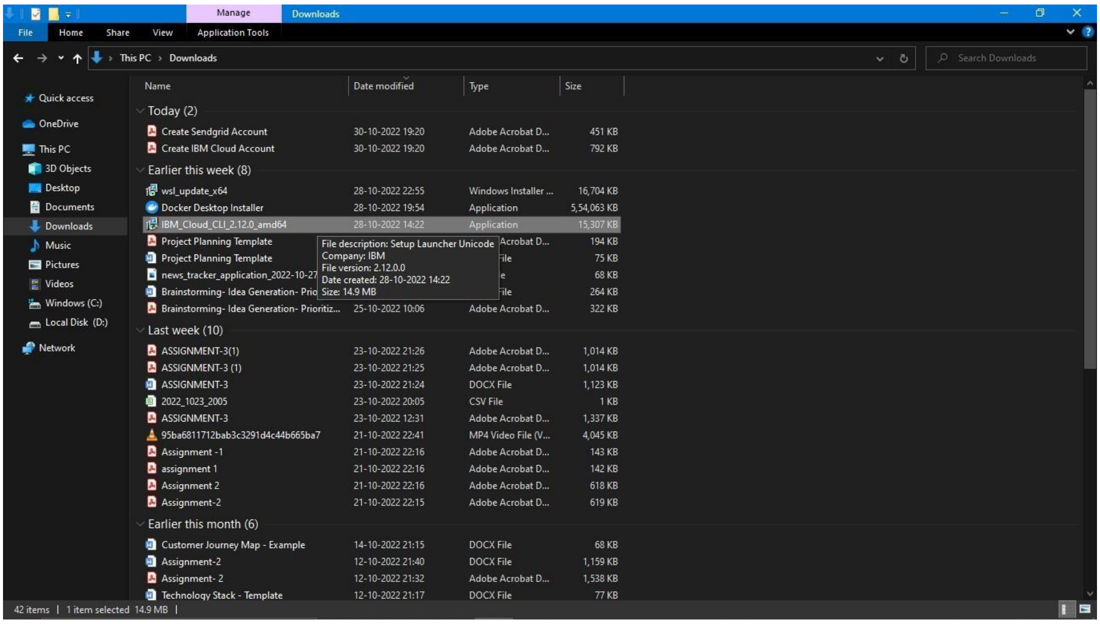
v2.12.0 Latest

Installers

- Mac OS X 64 bit
- Mac OS X M1/ARM **(as-is)**
- Windows 64 bit
- Windows 32 bit
- Linux 64 bit
- Linux 64 bit ARM **(as-is)**
- Linux 32 bit
- Power Linux 64 bit
- System/390 Linux 64 bit

Binaries

Step 7:After the download,Click the downloaded setup to run the installer

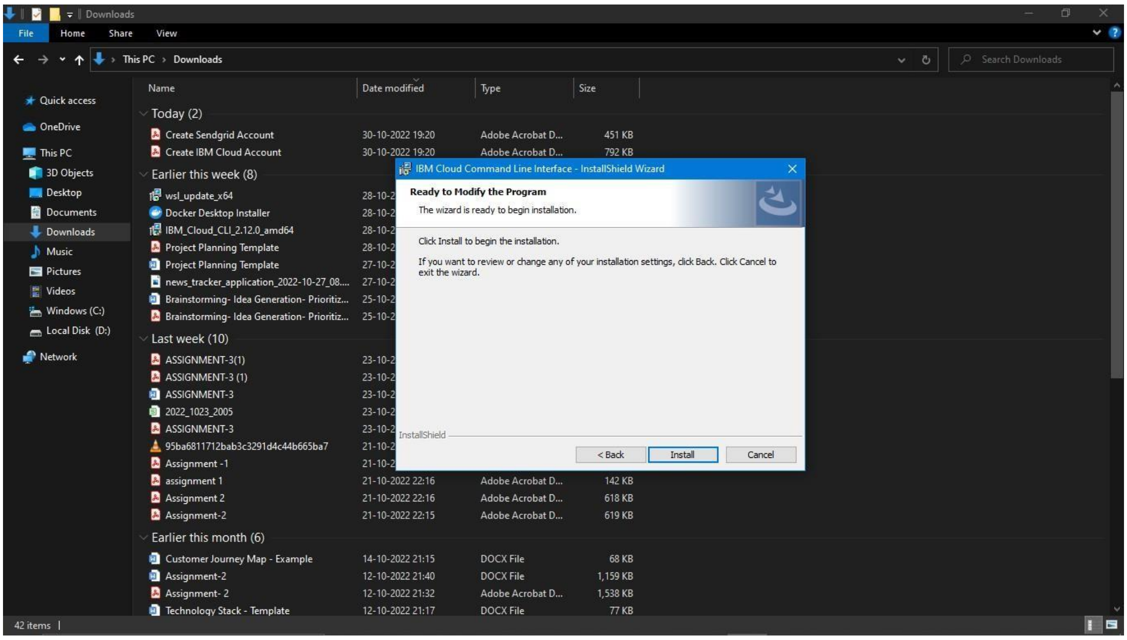


Name	Date modified	Type	Size
Today (2)			
Create Sendgrid Account	30-10-2022 19:20	Adobe Acrobat D...	451 KB
Create IBM Cloud Account	30-10-2022 19:20	Adobe Acrobat D...	792 KB
Earlier this week (8)			
wsl_update_x64	28-10-2022 22:55	Windows Installer ...	16,704 KB
Docker Desktop Installer	28-10-2022 19:54	Application	5,54,063 KB
IBM_Cloud_CLI_2.12.0_amd64	28-10-2022 14:22	Application	15,307 KB
Project Planning Template		Acrobat D...	194 KB
Project Planning Template		File	75 KB
news_tracker_application_2022-10-27		e	68 KB
Brainstorming- Idea Generation- Prio		File	264 KB
Brainstorming- Idea Generation- Prioritiz...	25-10-2022 10:06	Adobe Acrobat D...	322 KB
Last week (10)			
ASSIGNMENT-3(1)	23-10-2022 21:26	Adobe Acrobat D...	1,014 KB
ASSIGNMENT-3 (1)	23-10-2022 21:25	Adobe Acrobat D...	1,014 KB
ASSIGNMENT-3	23-10-2022 21:24	DOCX File	1,123 KB
2022_1023_2005	23-10-2022 20:05	CSV File	1 KB
ASSIGNMENT-3	23-10-2022 12:31	Adobe Acrobat D...	1,337 KB
95ba6811712bab3c3291d4c44b665ba7	21-10-2022 22:41	MP4 Video File (V...	4,045 KB
Assignment -1	21-10-2022 22:16	Adobe Acrobat D...	143 KB
assignment 1	21-10-2022 22:16	Adobe Acrobat D...	142 KB
Assignment 2	21-10-2022 22:16	Adobe Acrobat D...	618 KB
Assignment-2	21-10-2022 22:15	Adobe Acrobat D...	619 KB
Earlier this month (6)			
Customer Journey Map - Example	14-10-2022 21:15	DOCX File	68 KB
Assignment-2	12-10-2022 21:40	DOCX File	1,159 KB
Assignment- 2	12-10-2022 21:32	Adobe Acrobat D...	1,538 KB
Technology Stack - Template	12-10-2022 21:17	DOCX File	77 KB

File description: Setup Launcher Unicode
Company: IBM
File version: 2.12.0.0
Date created: 28-10-2022 14:22
Size: 14.9 MB

42 items | 1 item selected 14.9 MB |

SETTING UP APPLICATION ENVIRONMENT



Name	Date modified	Type	Size
Today (2)			
Create Sendgrid Account	30-10-2022 19:20	Adobe Acrobat D...	451 KB
Create IBM Cloud Account	30-10-2022 19:20	Adobe Acrobat D...	792 KB
Earlier this week (8)			
wsl_update_x64	28-10-2		
Docker Desktop Installer	28-10-2		
IBM_Cloud_CLI_2.12.0_amd64	28-10-2		
Project Planning Template	28-10-2		
Project Planning Template	27-10-2		
news_tracker_application_2022-10-27_08....	27-10-2		
Brainstorming- Idea Generation- Prioritiz...	25-10-2		
Brainstorming- Idea Generation- Prioritiz...	25-10-2		
Last week (10)			
ASSIGNMENT-3(1)	23-10-2		
ASSIGNMENT-3 (1)	23-10-2		
ASSIGNMENT-3	23-10-2		
2022_1023_2005	23-10-2		
ASSIGNMENT-3	23-10-2		
95ba6811712bab3c3291d4c44b665ba7	21-10-2		
Assignment -1	21-10-2		
assignment 1	21-10-2022 22:16	Adobe Acrobat D...	142 KB
Assignment 2	21-10-2022 22:16	Adobe Acrobat D...	618 KB
Assignment-2	21-10-2022 22:15	Adobe Acrobat D...	619 KB
Earlier this month (6)			
Customer Journey Map - Example	14-10-2022 21:15	DOCX File	68 KB
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Assignment- 2	12-10-2022 21:32	Adobe Acrobat D...	1,538 KB
Technology Stack - Template	12-10-2022 21:17	DOCX File	77 KB

IBM Cloud Command Line Interface - InstallShield Wizard

Ready to Modify the Program

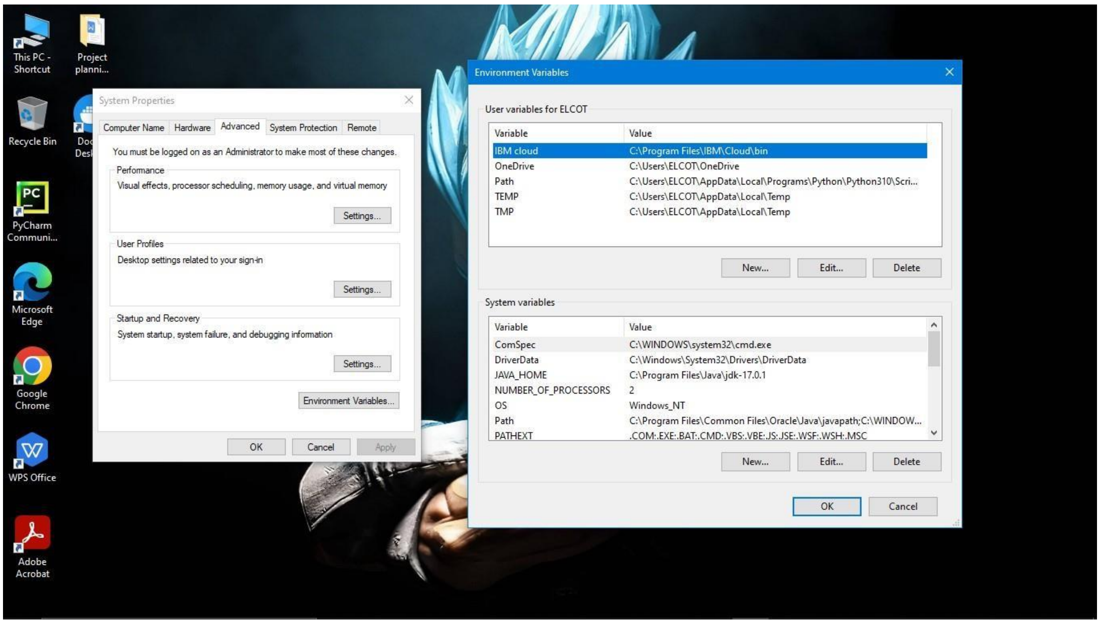
The wizard is ready to begin installation.

Click Install to begin the installation.

If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.

Step 8:After the installation set environment variable and then open CMD (Windows).Type this command to login in IBM cloud

"ibmcloud login"



System Properties

You must be logged on as an Administrator to make most of these changes.

Performance

Visual effects, processor scheduling, memory usage, and virtual memory

User Profiles

Desktop settings related to your sign-in

Startup and Recovery

System startup, system failure, and debugging information

Environment Variables

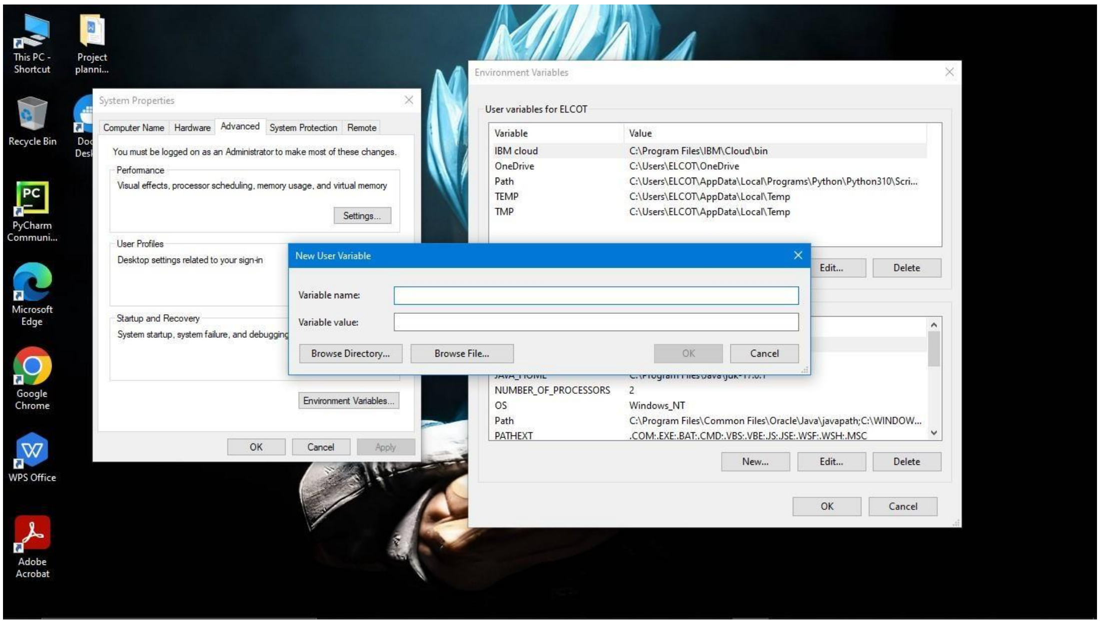
User variables for ELCOT

Variable	Value
IBM cloud	C:\Program Files\IBM\Cloud\bin
OneDrive	C:\Users\ELCOT\OneDrive
Path	C:\Users\ELCOT\AppData\Local\Programs\Python\Python310\Scri...
TEMP	C:\Users\ELCOT\AppData\Local\Temp
TMP	C:\Users\ELCOT\AppData\Local\Temp

System variables

Variable	Value
ComSpec	C:\WINDOWS\system32\cmd.exe
DriverData	C:\Windows\System32\Drivers\DriverData
JAVA_HOME	C:\Program Files\Java\jdk-17.0.1
NUMBER_OF_PROCESSORS	2
OS	Windows_NT
Path	C:\Program Files\Common Files\Oracle\Java\javapath;C:\WINDOW...
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC

SETTING UP APPLICATION ENVIRONMENT



System Properties

You must be logged on as an Administrator to make most of these changes.

Performance

Visual effects, processor scheduling, memory usage, and virtual memory

User Profiles

Desktop settings related to your sign-in

Startup and Recovery

System startup, system failure, and debugging

New User Variable

Variable name:

Variable value:

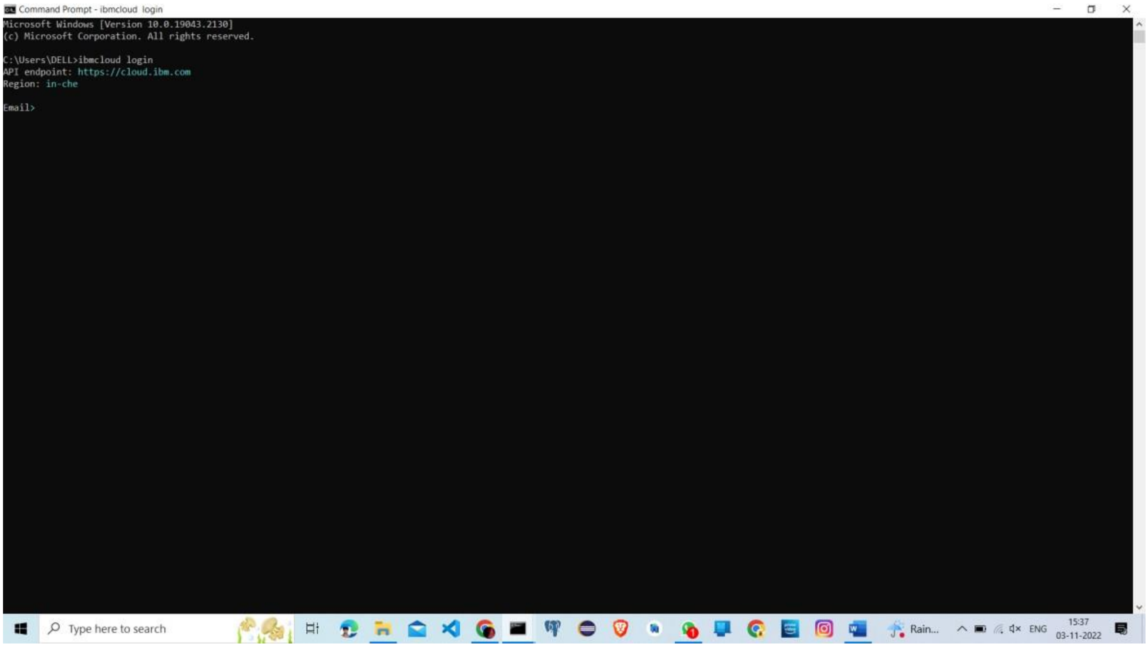
Environment Variables

User variables for ELCOT

Variable	Value
IBM cloud	C:\Program Files\IBM\Cloud\bin
OneDrive	C:\Users\ELCOT\OneDrive
Path	C:\Users\ELCOT\AppData\Local\Programs\Python\Python310\Scri...
TEMP	C:\Users\ELCOT\AppData\Local\Temp
TMP	C:\Users\ELCOT\AppData\Local\Temp

JAVA_HOME	C:\Program Files\Java\jdk-17.0.1
NUMBER_OF_PROCESSORS	2
OS	Windows_NT
Path	C:\Program Files\Common Files\Oracle\Java\javapath;C:\WINDOW...
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC

In the variable name,name it as “IBM Cloud” and in variable value the path location of the IBM.

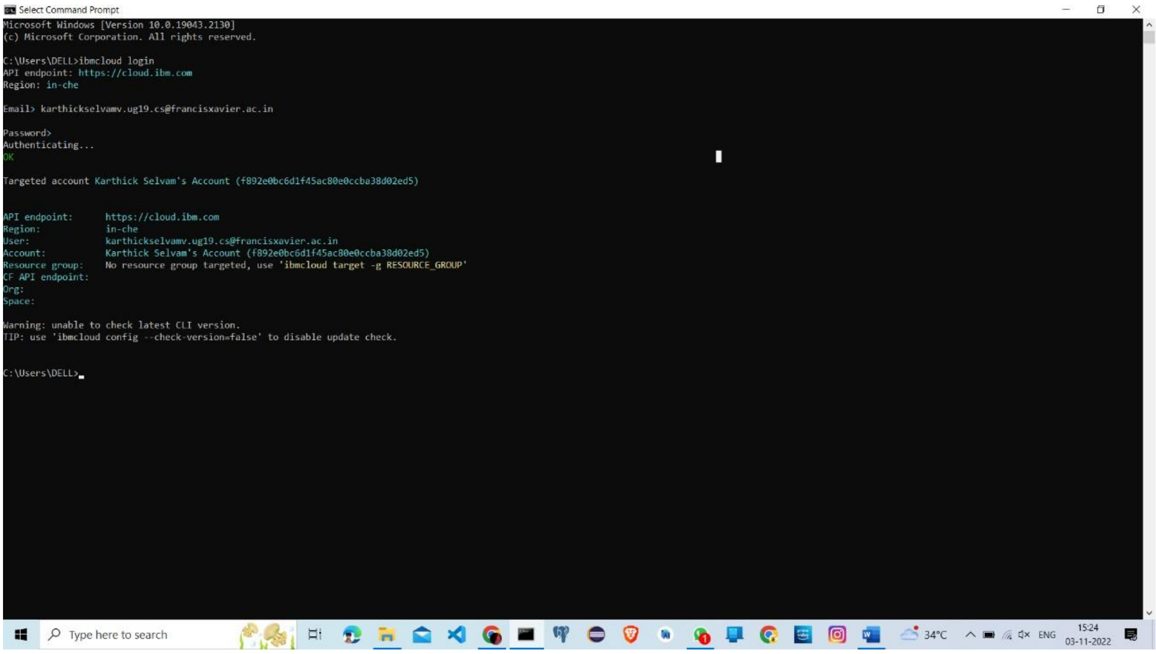


Command Prompt - ibmcloud login

```
Microsoft Windows [Version 10.0.19043.2130]
(c) Microsoft Corporation. All rights reserved.

C:\Users\DELL>ibmcloud login
API endpoint: https://cloud.ibm.com
Region: in-che

Email>
```

SETTING UP APPLICATION ENVIRONMENT

Step 9:Enter your IBM cloud email id and password ,Then it wil authenticate and signals “OK”.The number of regions will displayed, select one of them for your targeted account.

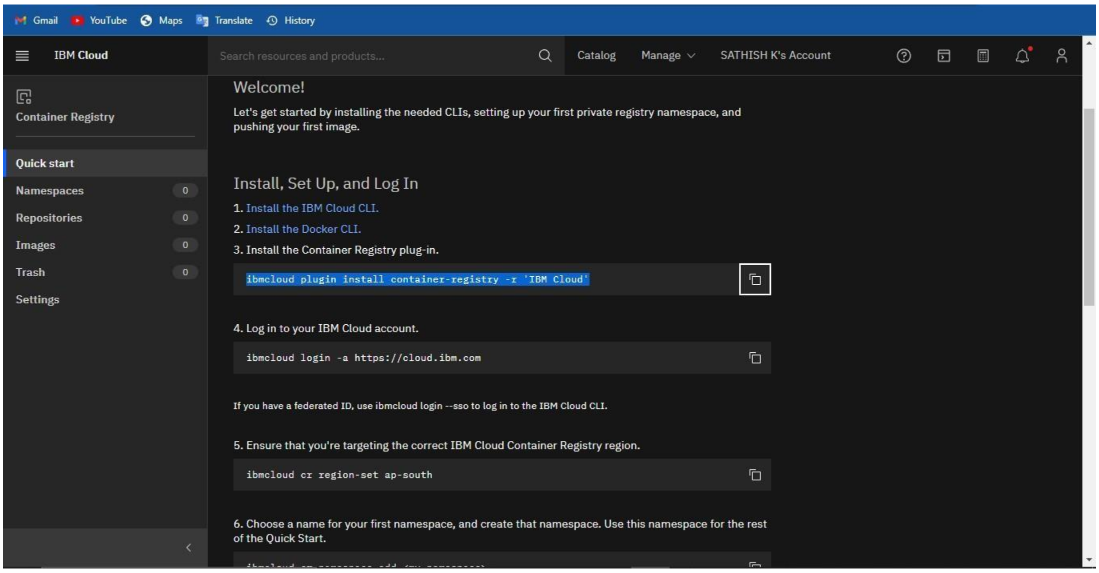


Select Command Prompt

```
Microsoft Windows [Version 10.0.19043.2130]
(c) Microsoft Corporation. All rights reserved.

C:\Users\DELL>ibmcloud login
API endpoint: https://cloud.ibm.com
Region: in-che

Email> karthickselvamv.ug19.cs@francisxavier.ac.in

Password>
Authenticating...
OK

Targeted account Karthick Selvam's Account (f892e0bc6d1f45ac80e0ccba38d02ed5)


API endpoint:      https://cloud.ibm.com
Region:            in-che
User:              karthickselvamv.ug19.cs@francisxavier.ac.in
Account:           Karthick Selvam's Account (f892e0bc6d1f45ac80e0ccba38d02ed5)
Resource group:    No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:

Warning: unable to check latest CLI version.
TIP: use 'ibmcloud config --check-version=false' to disable update check.


C:\Users\DELL>
```

Step 10:Then copy the plugin command in your container registry (where the command displayed in your container registry which is opened on web browser) and paste and run it on cmd.

“ibmcloud plugin install container-registry -r”



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
```

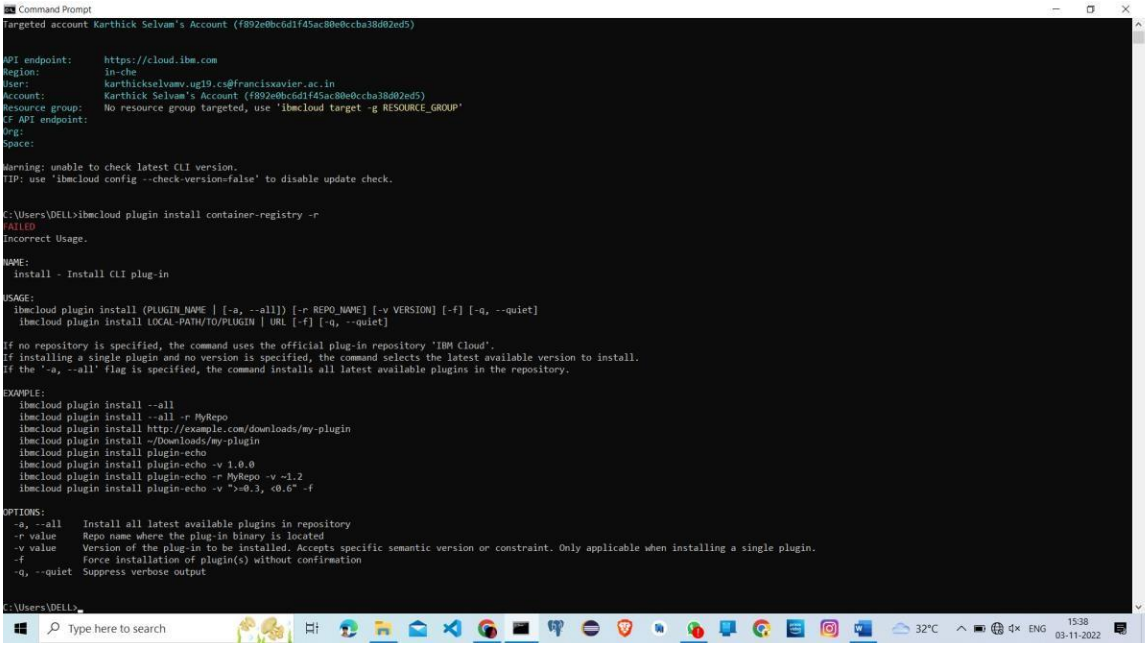
If you have a federated ID, use ibmcloud login --sso to log in to the IBM Cloud CLI.

5. Ensure that you're targeting the correct IBM Cloud Container Registry region.

```
ibmcloud cr region-set ap-south
```

6. Choose a name for your first namespace, and create that namespace. Use this namespace for the rest of the Quick Start.

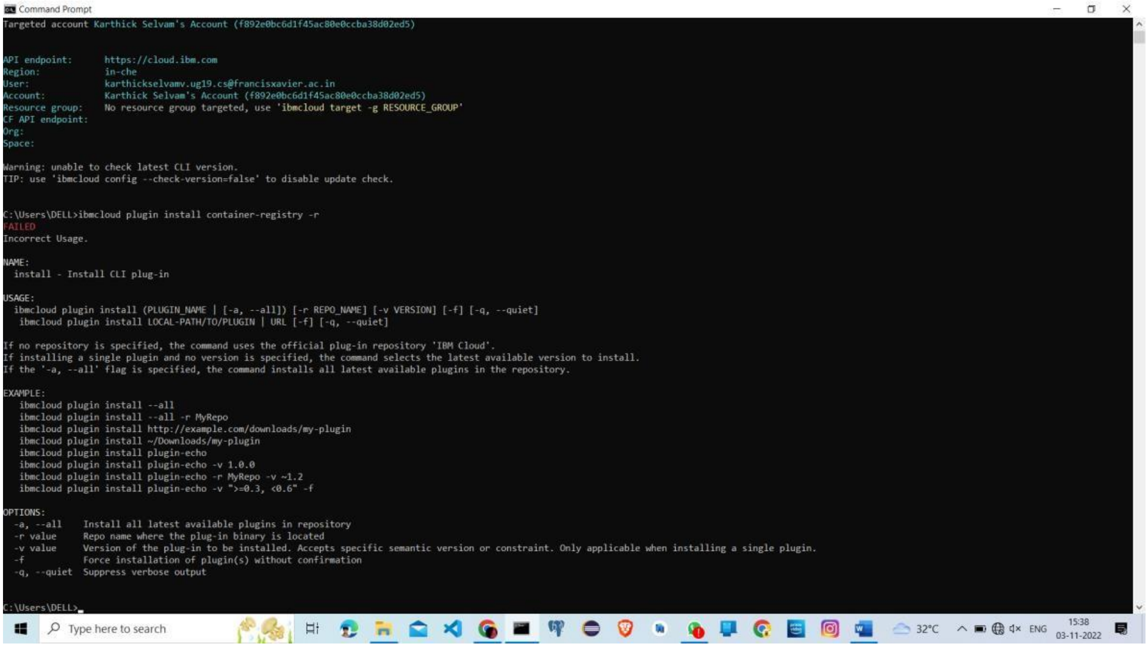
SETTING UP APPLICATION ENVIRONMENT



```
Targeted account Karthick Selvam's Account (f892e0bc6d1f45ac80e0ccba38d02ed5)


API endpoint:      https://cloud.ibm.com
Region:            in-che
User:              karthickselvamv.ug19.cs@francisxavier.ac.in
Account:           Karthick Selvam's Account (f892e0bc6d1f45ac80e0ccba38d02ed5)
Resource group:    No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:

Warning: unable to check latest CLI version.
TIP: use 'ibmcloud config --check-version=false' to disable update check.


C:\Users\DELL>ibmcloud plugin install container-registry -r
FAILED
Incorrect Usage.

NAME:
  install - Install CLI plug-in

USAGE:
  ibmcloud plugin install (PLUGIN_NAME | [-a, --all]) [-r REPO_NAME] [-v VERSION] [-f] [-q, --quiet]
   ibmcloud plugin install LOCAL-PATH/TO/PLUGIN | URL [-f] [-q, --quiet]

If no repository is specified, the command uses the official plug-in repository 'IBM Cloud'.
If installing a single plugin and no version is specified, the command selects the latest available version to install.
If the '-a, --all' flag is specified, the command installs all latest available plugins in the repository.

EXAMPLE:
   ibmcloud plugin install --all
   ibmcloud plugin install --all -r MyRepo
   ibmcloud plugin install http://example.com/downloads/my-plugin
   ibmcloud plugin install ~/Downloads/my-plugin
   ibmcloud plugin install plugin-echo
   ibmcloud plugin install plugin-echo -v 1.0.0
   ibmcloud plugin install plugin-echo -r MyRepo -v ~1.2
   ibmcloud plugin install plugin-echo -v ">=0.3, <0.6" -f

OPTIONS:
  -a, --all    Install all latest available plugins in repository
  -r value     Repo name where the plug-in binary is located
  -v value     Version of the plug-in to be installed. Accepts specific semantic version or constraint. Only applicable when installing a single plugin.
  -f           Force installation of plugin(s) without confirmation
  -q, --quiet  Suppress verbose output


C:\Users\DELL>
```

Step 11: Set your region to global .

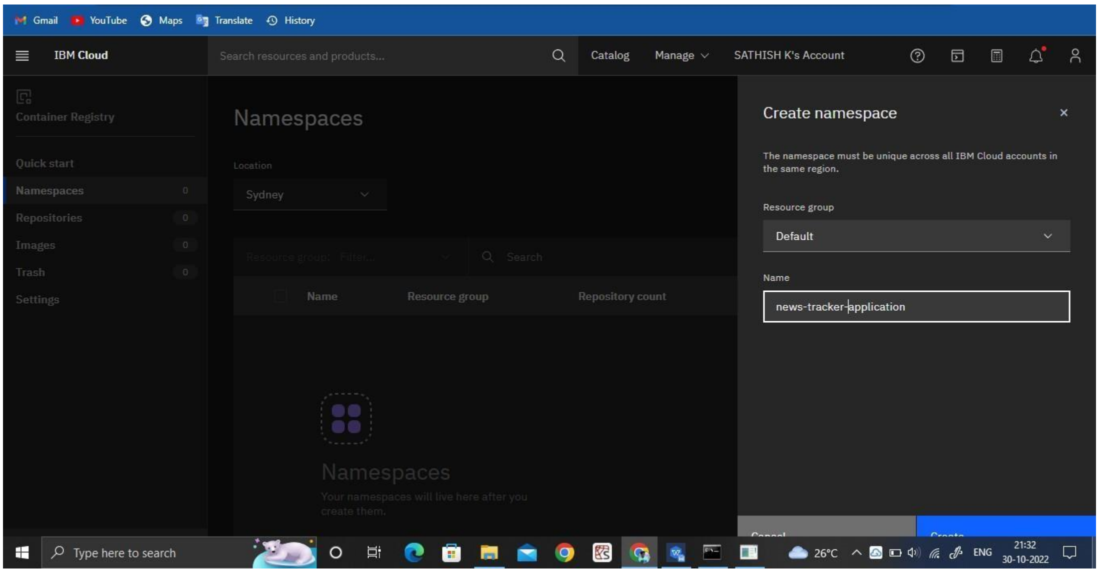
“ibmcloud cr region-set global”



```
Targeted account Karthick Selvam's Account (f892e0bc6d1f45ac80e0ccba38d02ed5)


API endpoint:      https://cloud.ibm.com
Region:            in-che
User:              karthickselvamv.ug19.cs@francisxavier.ac.in
Account:           Karthick Selvam's Account (f892e0bc6d1f45ac80e0ccba38d02ed5)
Resource group:    No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:

Warning: unable to check latest CLI version.
TIP: use 'ibmcloud config --check-version=false' to disable update check.


C:\Users\DELL>ibmcloud plugin install container-registry -r
FAILED
Incorrect Usage.

NAME:
  install - Install CLI plug-in

USAGE:
  ibmcloud plugin install (PLUGIN_NAME | [-a, --all]) [-r REPO_NAME] [-v VERSION] [-f] [-q, --quiet]
   ibmcloud plugin install LOCAL-PATH/TO/PLUGIN | URL [-f] [-q, --quiet]

If no repository is specified, the command uses the official plug-in repository 'IBM Cloud'.
If installing a single plugin and no version is specified, the command selects the latest available version to install.
If the '-a, --all' flag is specified, the command installs all latest available plugins in the repository.

EXAMPLE:
   ibmcloud plugin install --all
   ibmcloud plugin install --all -r MyRepo
   ibmcloud plugin install http://example.com/downloads/my-plugin
   ibmcloud plugin install ~/Downloads/my-plugin
   ibmcloud plugin install plugin-echo
   ibmcloud plugin install plugin-echo -v 1.0.0
   ibmcloud plugin install plugin-echo -r MyRepo -v ~1.2
   ibmcloud plugin install plugin-echo -v ">=0.3, <0.6" -f

OPTIONS:
  -a, --all    Install all latest available plugins in repository
  -r value     Repo name where the plug-in binary is located
  -v value     Version of the plug-in to be installed. Accepts specific semantic version or constraint. Only applicable when installing a single plugin.
  -f           Force installation of plugin(s) without confirmation
  -q, --quiet  Suppress verbose output


C:\Users\DELL>
```

SETTING UP APPLICATION ENVIRONMENT

Step 12: Create namespace in your container registry



Create namespace

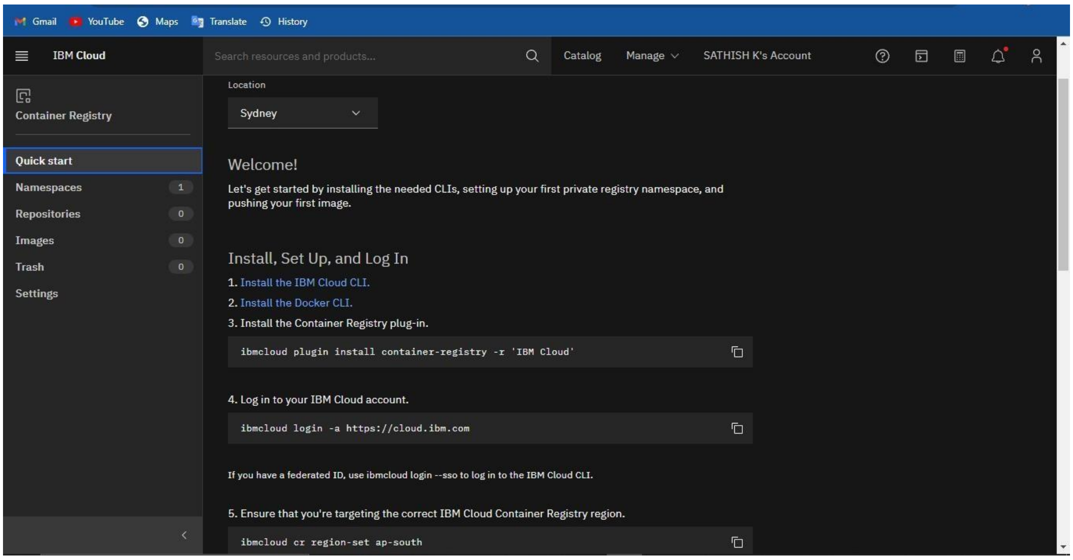
The namespace must be unique across all IBM Cloud accounts in the same region.

Resource group: Default

Name: news-tracker-application

3. DOCKER CLI INSTALLATION:

Step1:Open container registry in ibm cloud and click on Install Docker CLI.



Location: Sydney

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
```

If you have a federated ID, use ibmcloud login --sso to log in to the IBM Cloud CLI.

5. Ensure that you're targeting the correct IBM Cloud Container Registry region.

```
ibmcloud cr region-set ap-south
```

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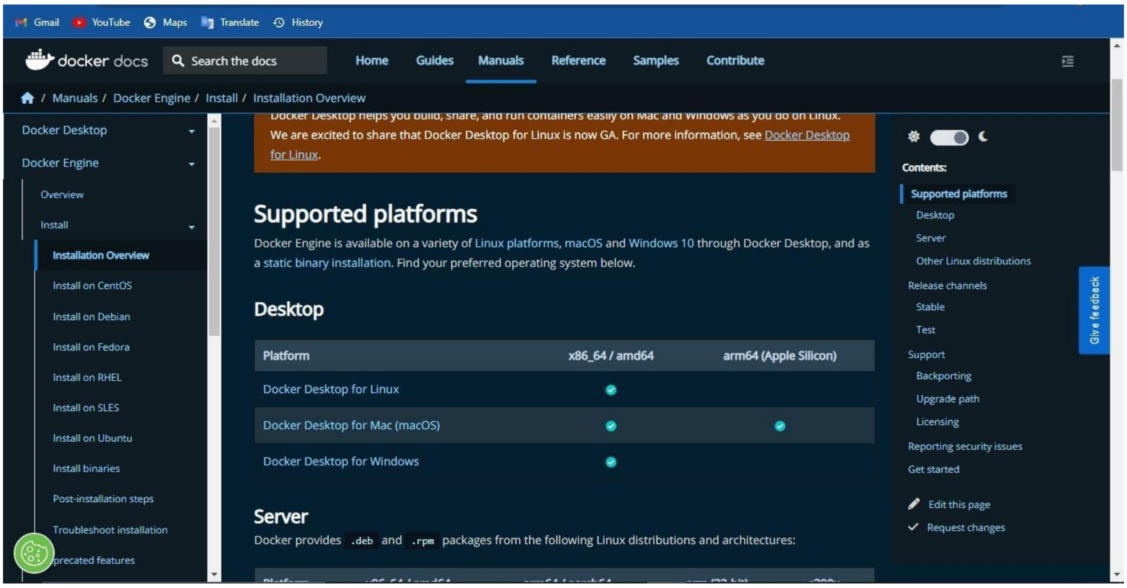
Step 2:Then,Click on required installer for your specified system and download it.



Docker Desktop helps you build, share, and run containers easily on Mac and Windows as you do on Linux.
We are excited to share that Docker Desktop for Linux is now GA. For more information, see Docker Desktop for Linux.

Supported platforms

Docker Engine is available on a variety of Linux platforms, macOS and Windows 10 through Docker Desktop, and as a static binary installation. Find your preferred operating system below.

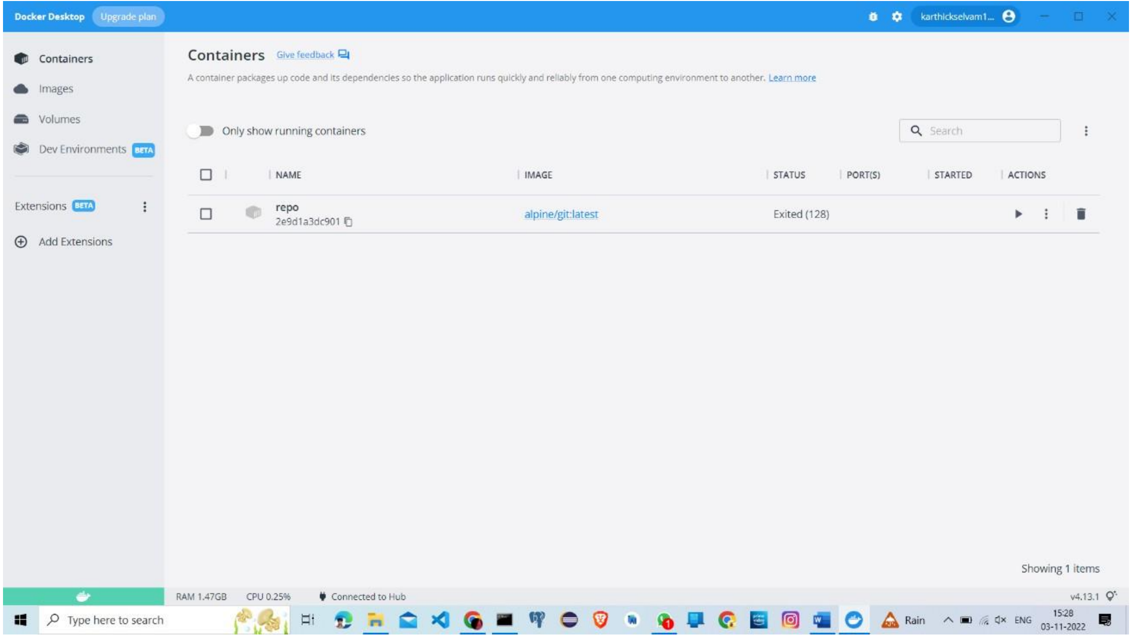
Desktop

Platform	x86_64 / amd64	arm64 (Apple Silicon)
Docker Desktop for Linux	✓	
Docker Desktop for Mac (macOS)	✓	✓
Docker Desktop for Windows	✓	

Server

Docker provides `.deb` and `.rpm` packages from the following Linux distributions and architectures:

Step 3:After the setup download , run the setup and then open it and push the images, create the repository ,etc….



Containers Give feedback

A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. Learn more

Only show running containers

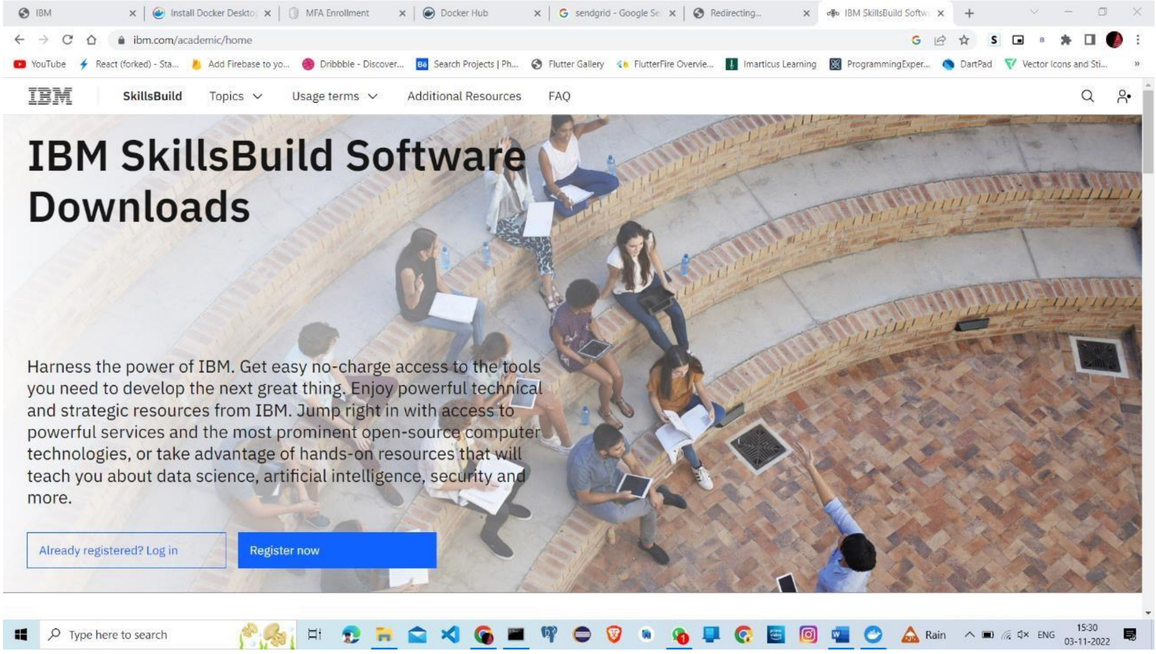
	NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
□	repo 2e9d1a3dc901	alpine/git:latest	Exited (128)			

Showing 1 items

SETTING UP APPLICATION ENVIRONMENT

4. IBM CLOUD ACCOUNT CREATION:

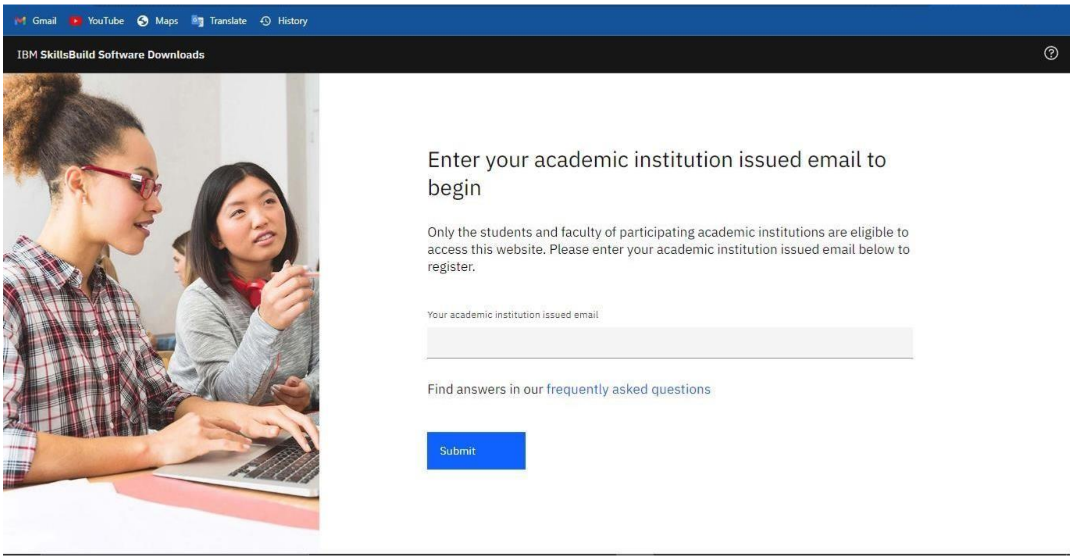
Step 1:Search for “ibm.com/academic” in the browser



IBM SkillsBuild Software Downloads

Harness the power of IBM. Get easy no-charge access to the tools you need to develop the next great thing. Enjoy powerful technical and strategic resources from IBM. Jump right in with access to powerful services and the most prominent open-source computer technologies, or take advantage of hands-on resources that will teach you about data science, artificial intelligence, security and more.

Step 2:Enter the mail issued by the academic institution and follow the procedure for entering the details which is provided as video link in your IBM profile.



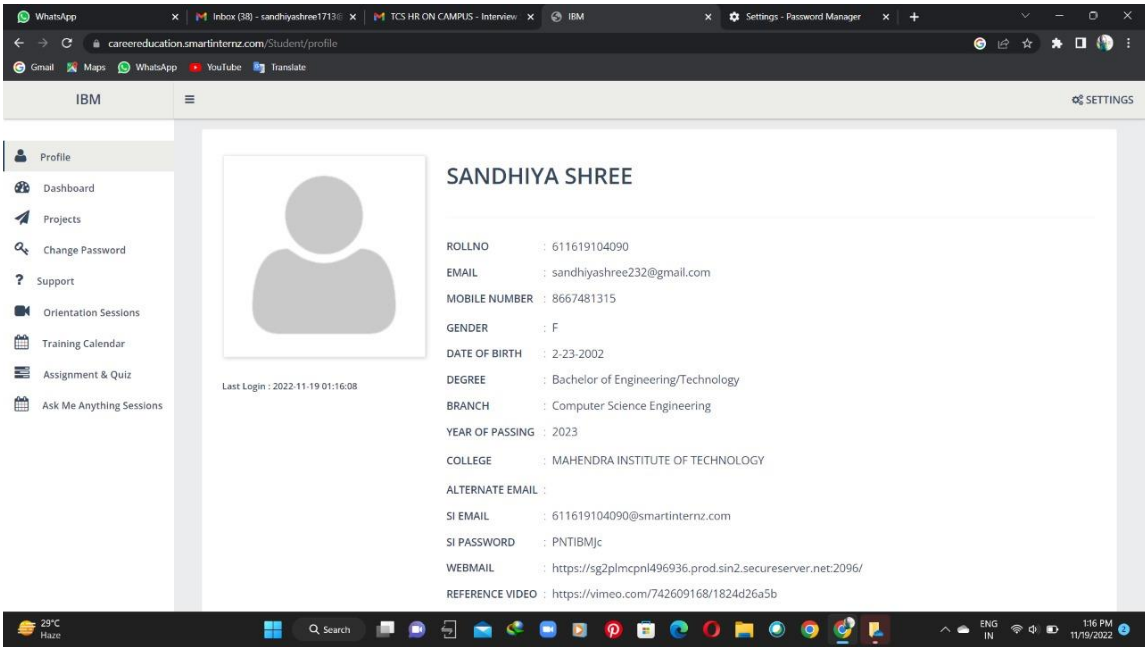
Enter your academic institution issued email to begin

Only the students and faculty of participating academic institutions are eligible to access this website. Please enter your academic institution issued email below to register.

Your academic institution issued email

Find answers in our frequently asked questions

SETTING UP APPLICATION ENVIRONMENT

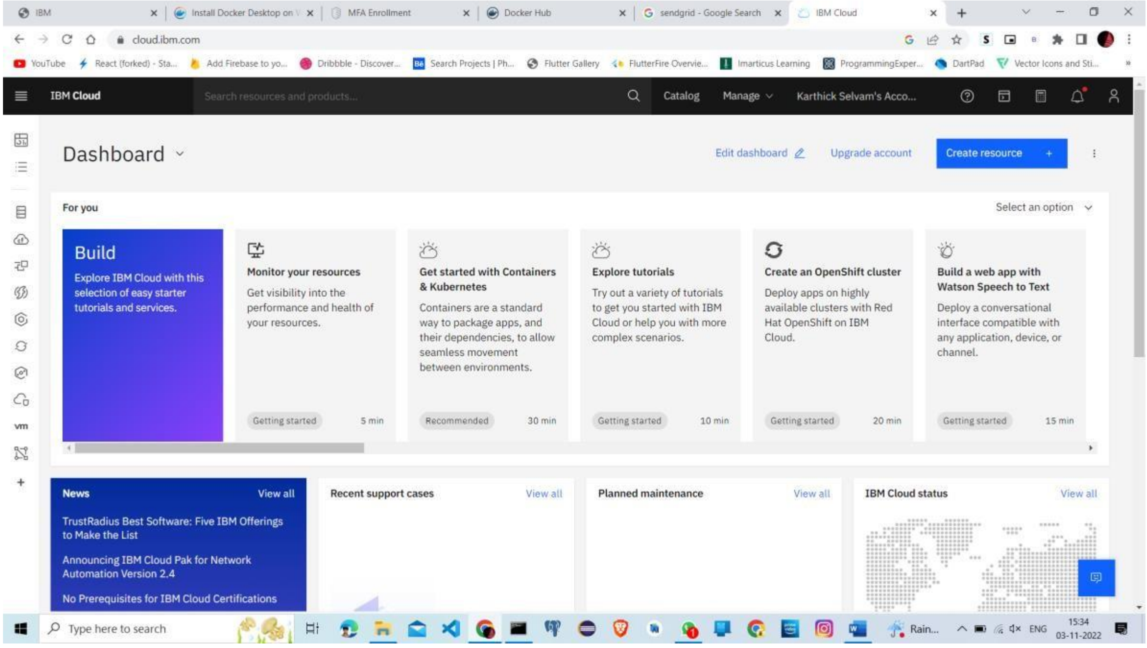


Last Login : 2022-11-19 01:16:08

SANDHIYA SHREE

ROLLNO	: 611619104090
EMAIL	: sandhiyashree232@gmail.com
MOBILE NUMBER	: 8667481315
GENDER	: F
DATE OF BIRTH	: 2-23-2002
DEGREE	: Bachelor of Engineering/Technology
BRANCH	: Computer Science Engineering
YEAR OF PASSING	: 2023
COLLEGE	: MAHENDRA INSTITUTE OF TECHNOLOGY
ALTERNATE EMAIL	:
SI EMAIL	: 611619104090@smartinternz.com
SI PASSWORD	: PNTIBMJc
WEBMAIL	: https://sg2plmcpnl496936.prod.sin2.secureserver.net:2096/
REFERENCE VIDEO	: https://vimeo.com/742609168/1824d26a5b

Step 3:After following the procedure that is given in reference video, your IBM cloud account will created.



Build

Explore IBM Cloud with this selection of easy starter tutorials and services.

Monitor your resources

Get visibility into the performance and health of your resources.

Getting started 5 min

Get started with Containers & Kubernetes

Containers are a standard way to package apps, and their dependencies, to allow seamless movement between environments.

Recommended 30 min

Explore tutorials

Try out a variety of tutorials to get you started with IBM Cloud or help you with more complex scenarios.

Getting started 10 min

Create an OpenShift cluster

Deploy apps on highly available clusters with Red Hat OpenShift on IBM Cloud.

Getting started 20 min

Build a web app with Watson Speech to Text

Deploy a conversational interface compatible with any application, device, or channel.

Getting started 15 min

News — View all

TrustRadius Best Software: Five IBM Offerings to Make the List

Announcing IBM Cloud Pak for Network Automation Version 2.4

No Prerequisites for IBM Cloud Certifications

Recent support cases — View all

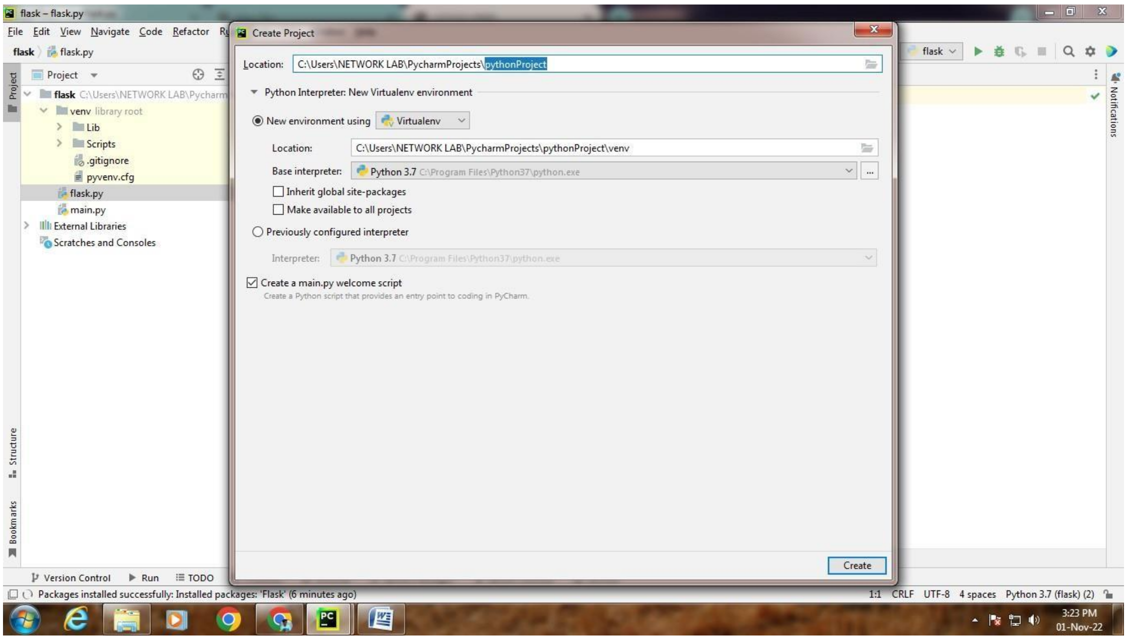
Planned maintenance — View all

IBM Cloud status — View all

SETTING UP APPLICATION ENVIRONMENT

5.CREATING A FLASK PROJECT:

Step1:Open pycharm in your desktop and create new project folder



Location: C:\Users\NETWORK LAB\PycharmProjects\pythonProject

Python Interpreter: New Virtualenv environment

● New environment using Virtualenv

Location: C:\Users\NETWORK LAB\PycharmProjects\pythonProject\venv

Base interpreter: Python 3.7 C:\Program Files\Python37\python.exe

□ Inherit global site-packages

□ Make available to all projects

○ Previously configured interpreter

Interpreter: Python 3.7 C:\Program Files\Python37\python.exe

☑ Create a main.py welcome script

Create a Python script that provides an entry point to coding in PyCharm.

Create

Packages installed successfully: Installed packages: 'Flask' (6 minutes ago)

1:1 CRLF UTF-8 4 spaces Python 3.7 (flask) (2)

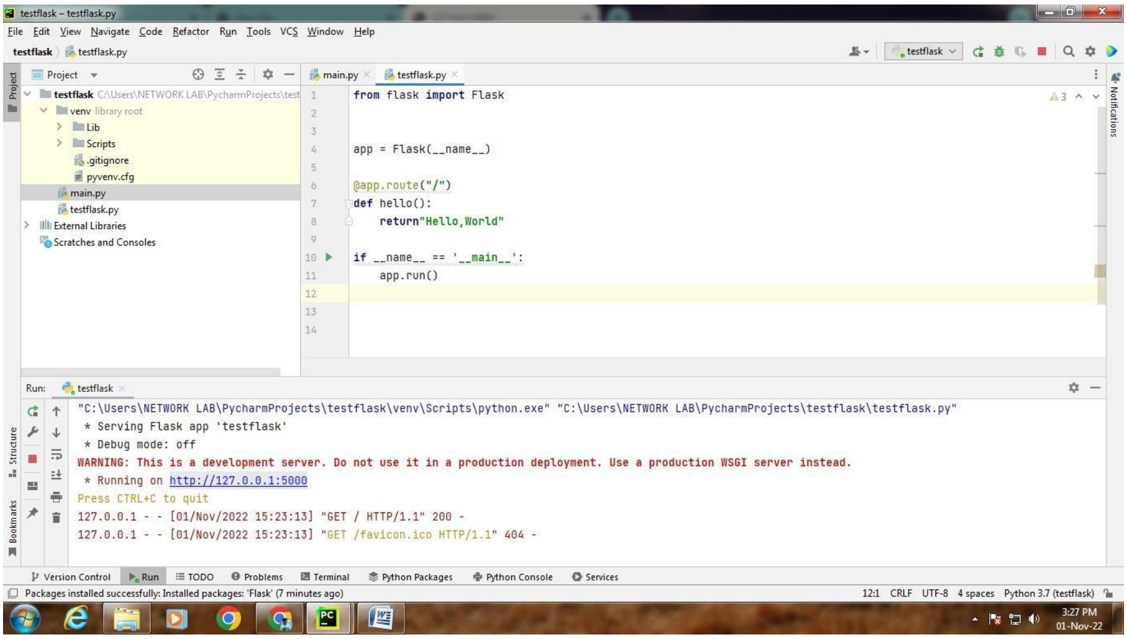
3:23 PM 01-Nov-22

Step 2:Enter the following code to create the flask project

```
from flask import Flask


app = Flask(_name_)

@app.route("/")
def hello():
    return"Hello,World"

if_name_== '_main_':
    app.run()
```

SETTING UP APPLICATION ENVIRONMENT

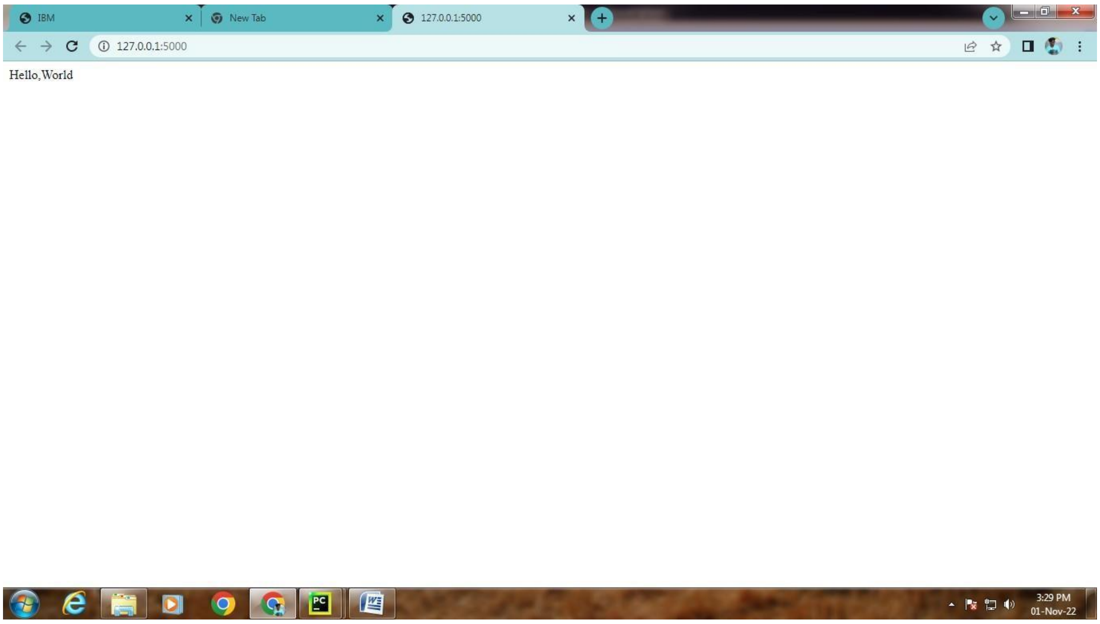
Step 3:Then run the code, it will shows website link in terminal.



```
from flask import Flask


app = Flask(__name__)

@app.route("/")
def hello():
    return"Hello,World"

if __name__ == '__main__':
    app.run()
```

```
"C:\Users\NETWORK LAB\PycharmProjects\testflask\venv\Scripts\python.exe" "C:\Users\NETWORK LAB\PycharmProjects\testflask\testflask.py"
 * Serving Flask app 'testflask'
 * Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
 * Running on http://127.0.0.1:5000
Press CTRL+C to quit
127.0.0.1 - - [01/Nov/2022 15:23:13] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [01/Nov/2022 15:23:13] "GET /favicon.ico HTTP/1.1" 404 -
```

Packages installed successfully: Installed packages: 'Flask' (7 minutes ago)



Hello,World

Step 4:By clicking the link in terminal, it will shows "Hello World" in the browser page

SETTING UP APPLICATION ENVIRONMENT