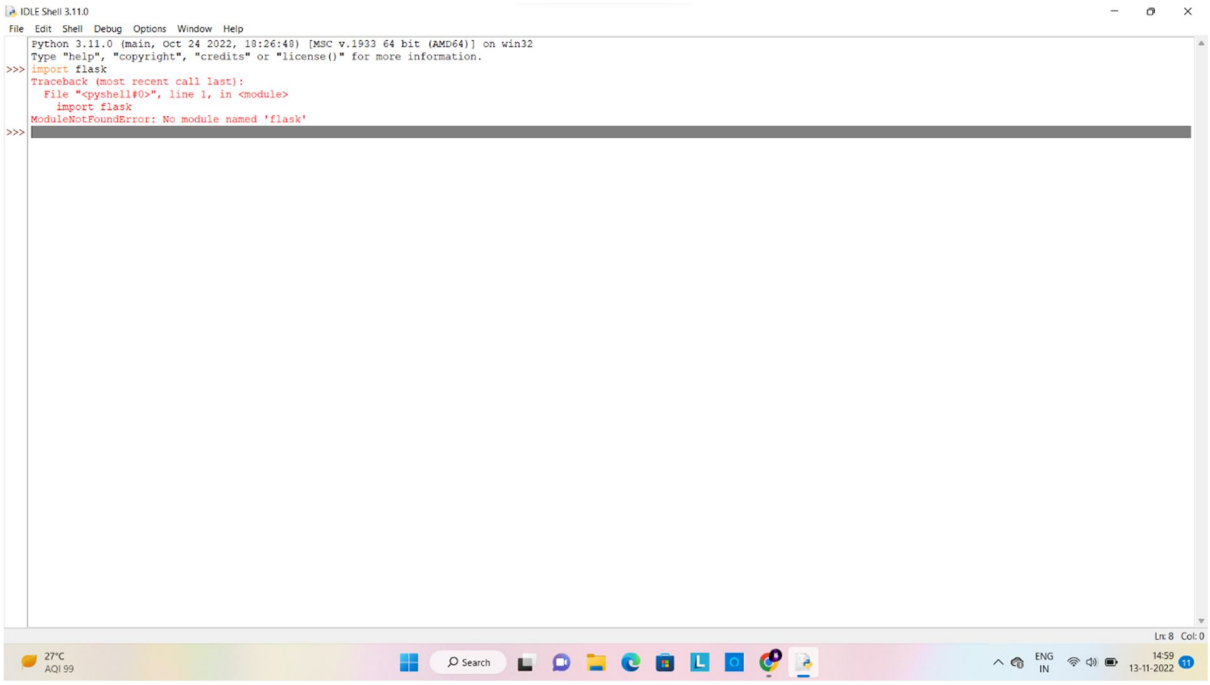
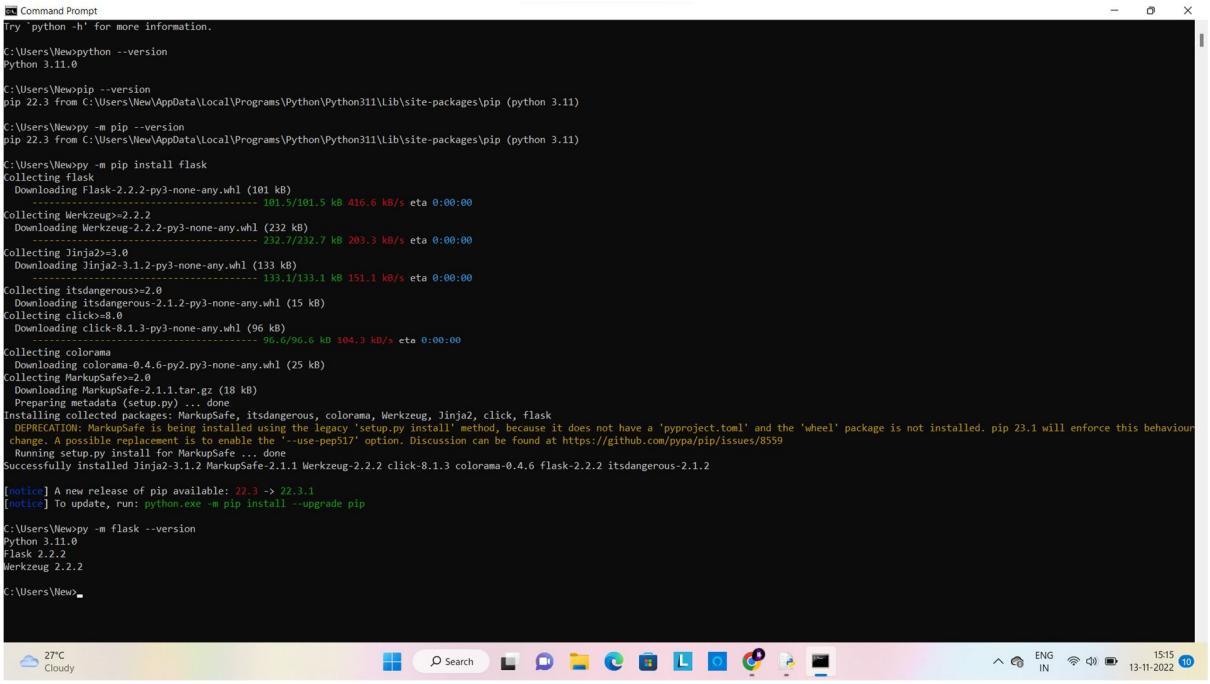
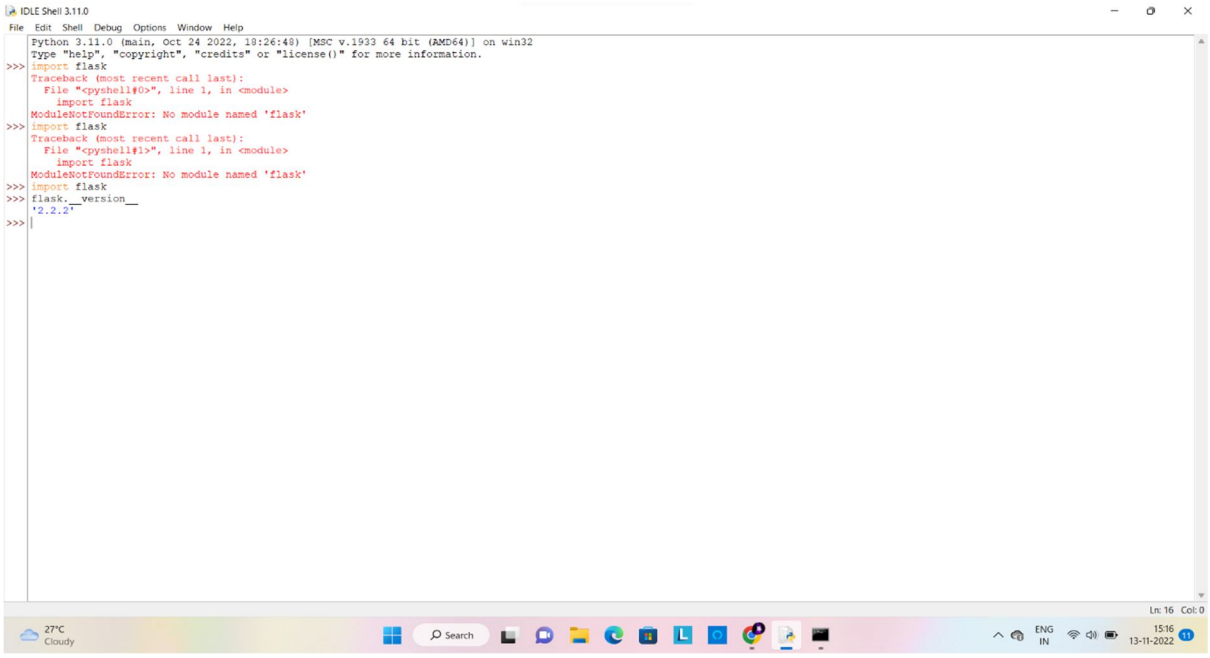
Setting up application environment

Date	16 November 2022
Team id	PNT2022TMID50246
Project	News Tracker Application

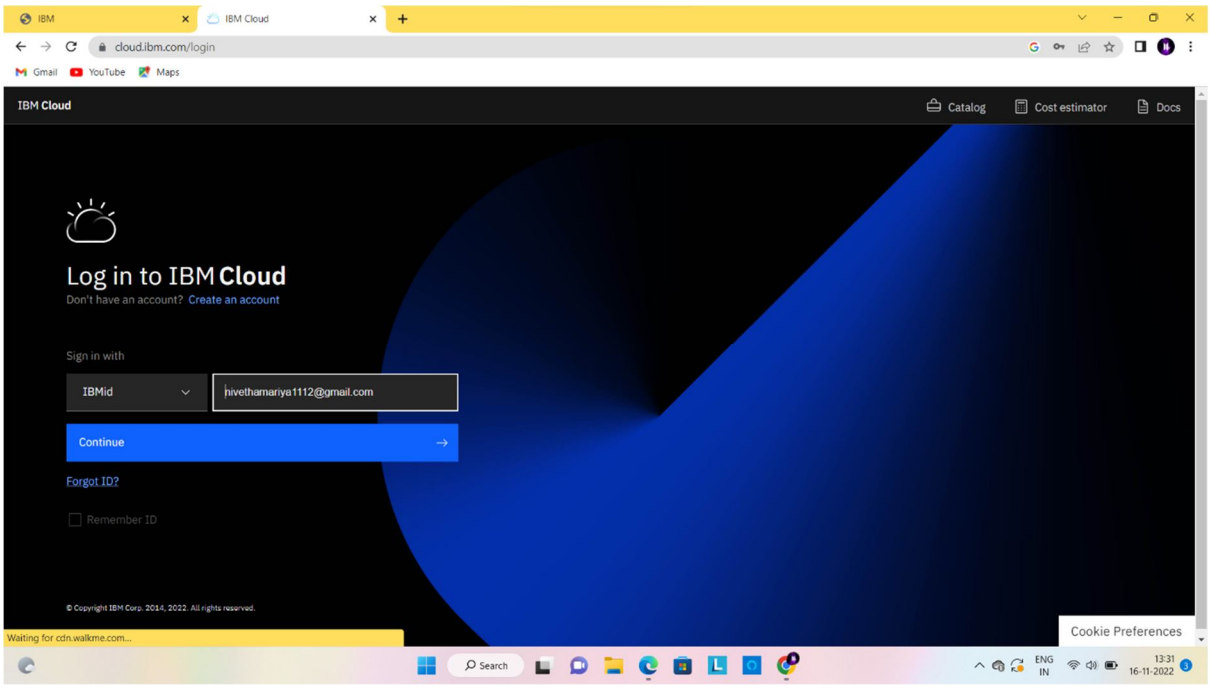
1.Create Flask Application







2.Create IBM cloud account


IBM
IBM Cloud
cloud.ibm.com/login
Gmail
YouTube
Maps
IBM Cloud
Catalog
Cost estimator
Docs
Log in to IBM Cloud
Don't have an account? Create an account
Sign in with
IBMid
nivethamariya1112@gmail.com
Continue
Forgot ID?
Remember ID
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Waiting for cdn.walkme.com...
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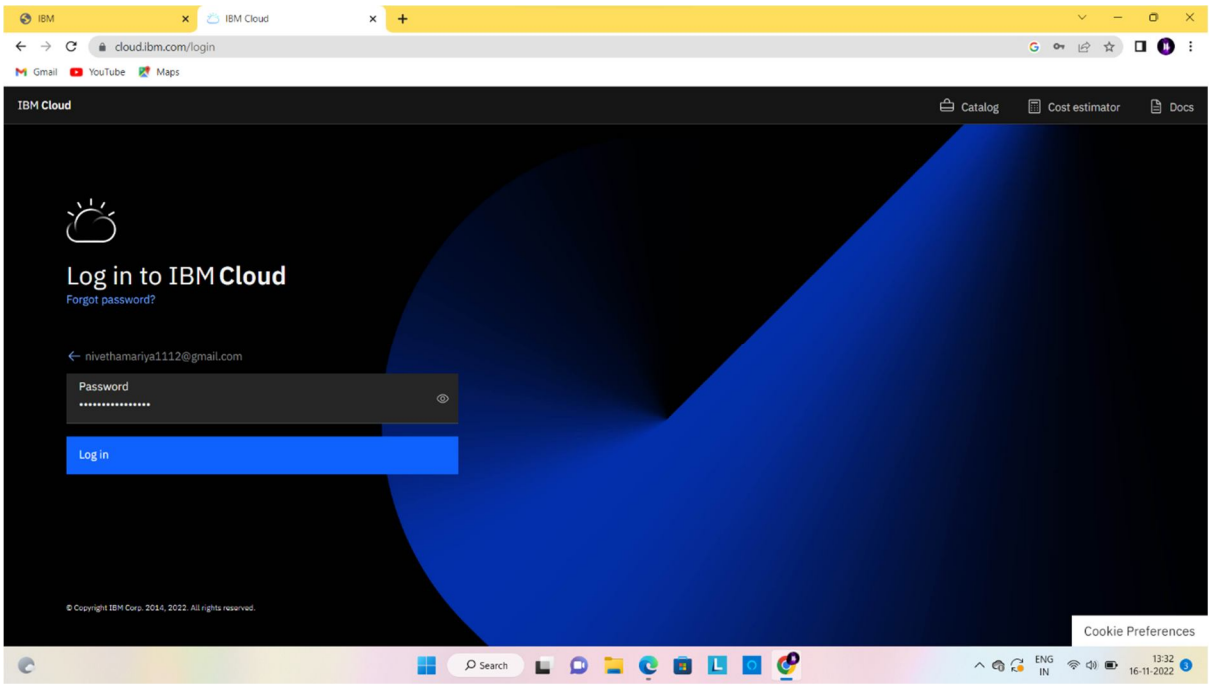
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Gmail
YouTube
Maps
IBM Cloud
Catalog
Cost estimator
Docs
Log in to IBM Cloud
Forgot password?
nivethamariya1112@gmail.com
Password
Log in
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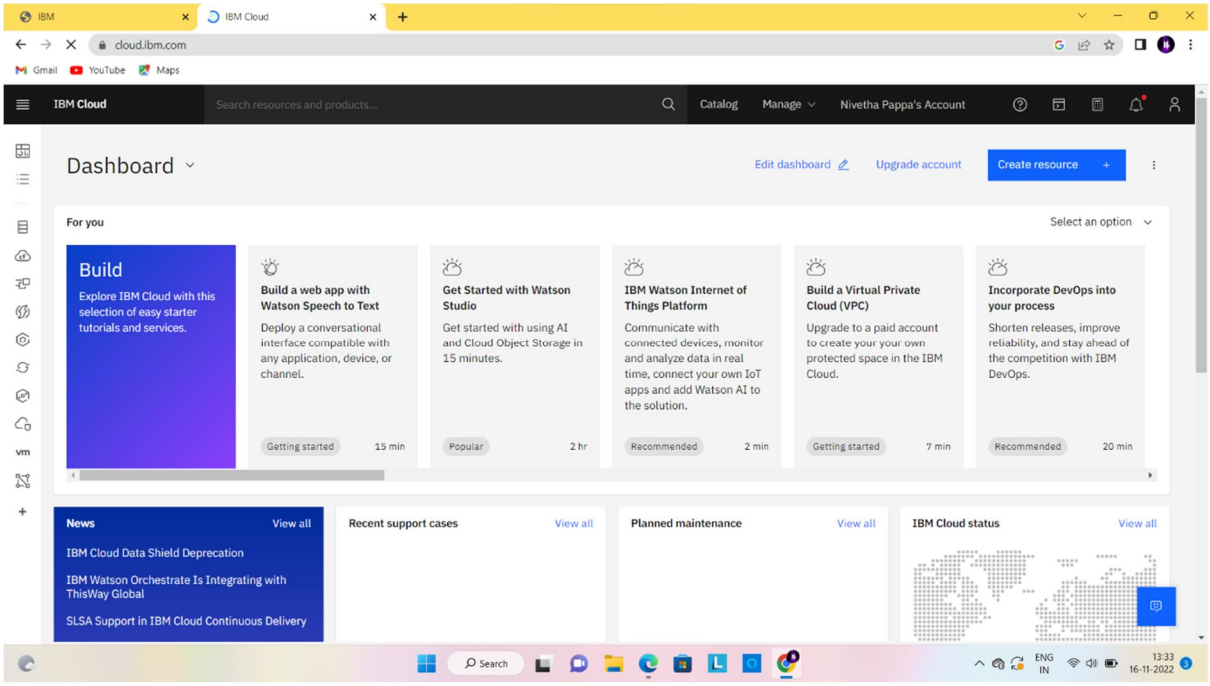
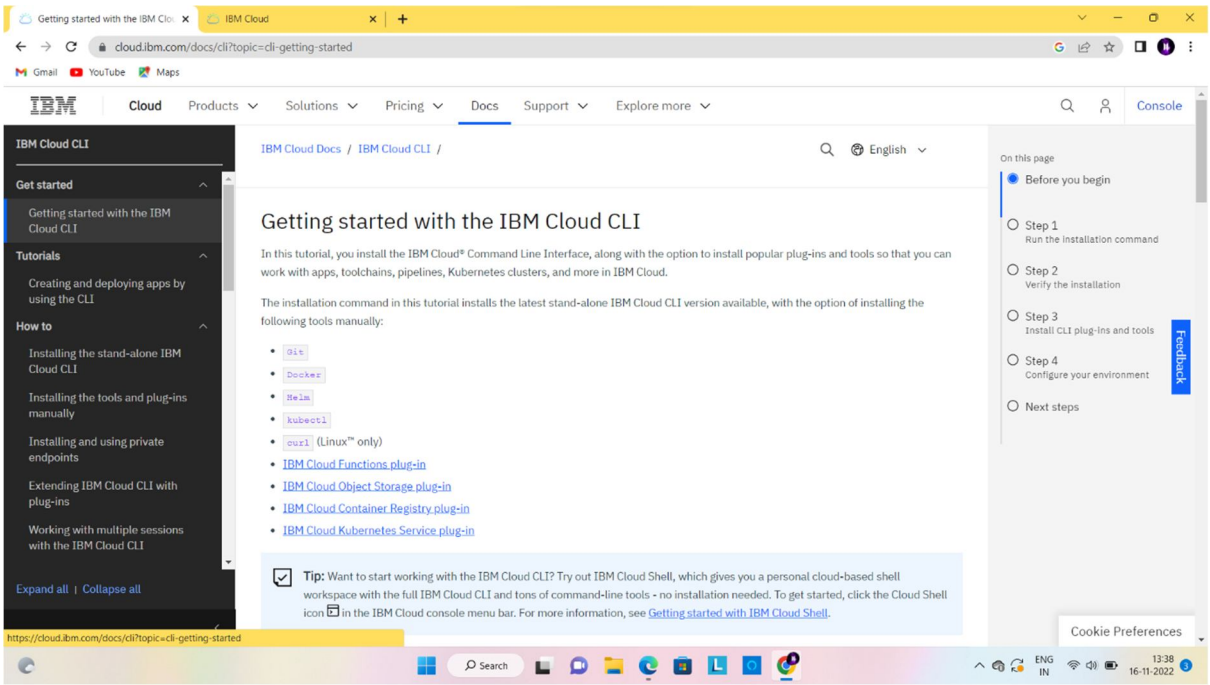
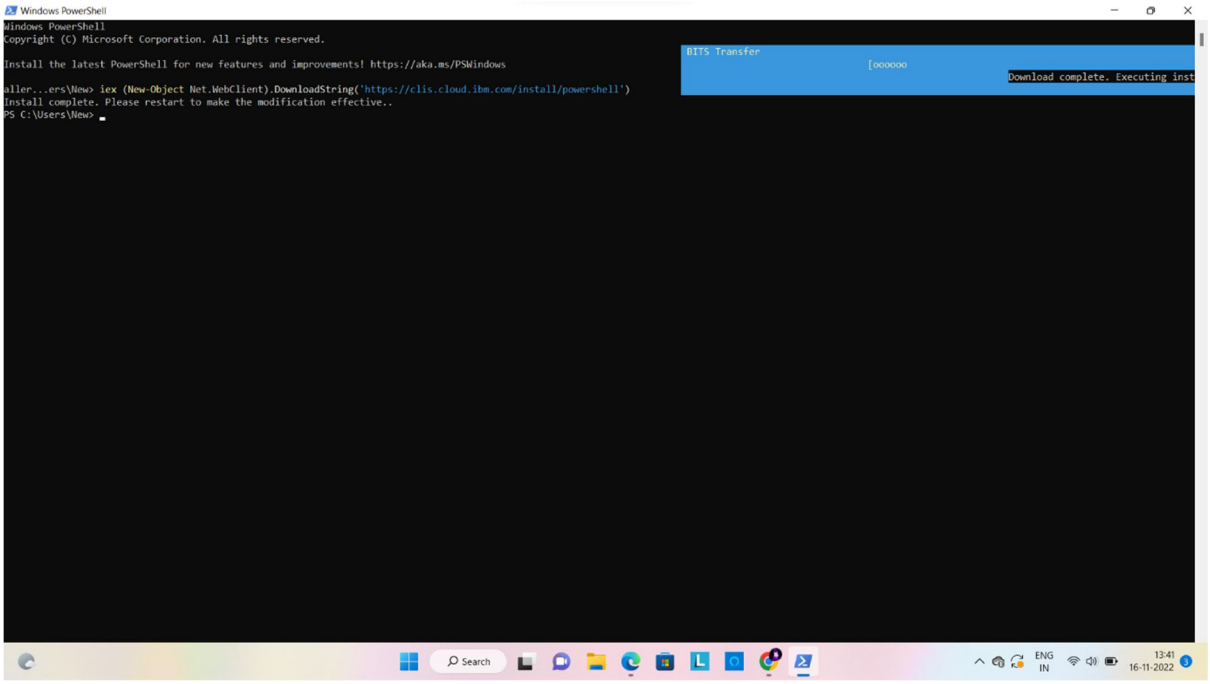


3.Install IBM cloud CLI




Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows
aller...ers\New> iex (New-Object Net.WebClient).DownloadString('https://clis.cloud.ibm.com/install/powershell')
Install complete. Please restart to make the modification effective..
PS C:\Users\New>
BITS Transfer
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Download complete. Executing inst
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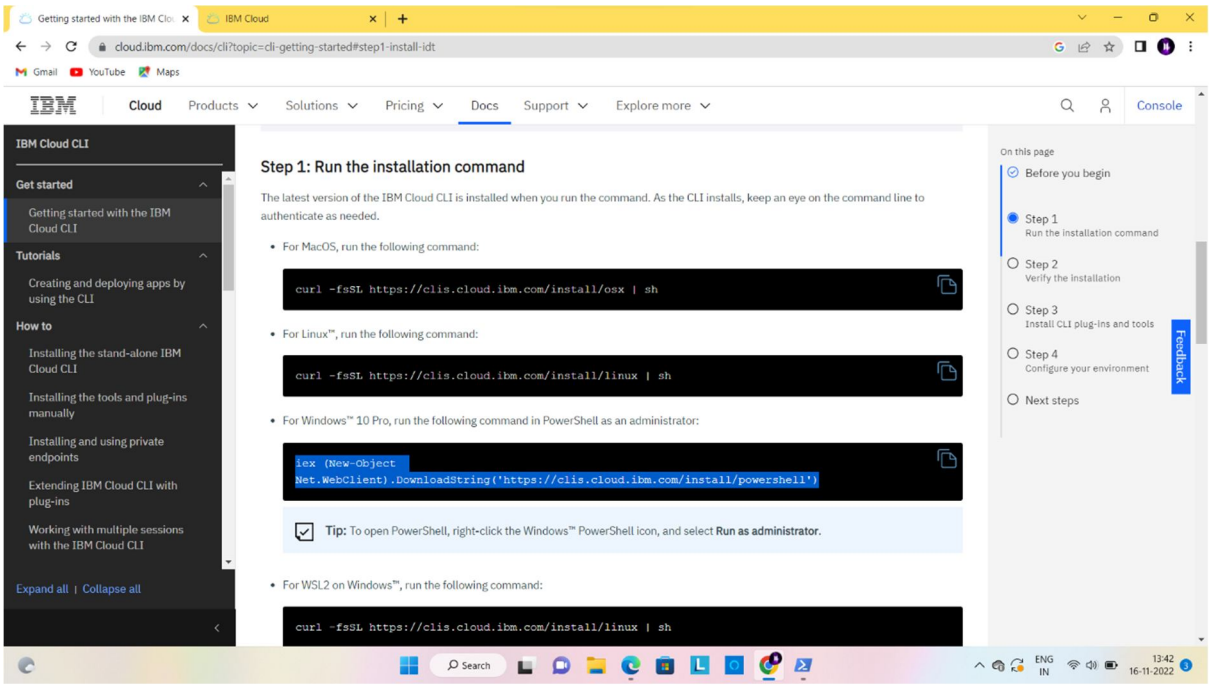
16-11-2022


Getting started with the IBM Clo
IBM Cloud
cloud.ibm.com/docs/cli?topic=cli-getting-started#step1-install-idt
Gmail
YouTube
Maps
IBM Cloud
Products
Solutions
Pricing
Docs
Support
Explore more
Console
IBM Cloud CLI
Get started
Getting started with the IBM Cloud CLI
Tutorials
Creating and deploying apps by using the 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
Expand all | Collapse all
Step 1: Run the installation command
The latest version of the IBM Cloud CLI is installed when you run the command. As the CLI installs, keep an eye on the command line to authenticate as needed.
For MacOS, run the following command:
curl -fsSL https://clis.cloud.ibm.com/install/osx | sh
For Linux™, run the following command:
curl -fsSL https://clis.cloud.ibm.com/install/linux | sh
For Windows™ 10 Pro, run the following command in PowerShell as an administrator:
iex (New-Object Net.WebClient).DownloadString('https://clis.cloud.ibm.com/install/powershell')
Tip: To open PowerShell, right-click the Windows™ PowerShell icon, and select Run as administrator.
For WSL2 on Windows™, run the following command:
curl -fsSL https://clis.cloud.ibm.com/install/linux | sh
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Before you begin
Step 1
Run the installation command
Step 2
Verify the installation
Step 3
Install CLI plug-ins and tools
Step 4
Configure your environment
Next steps
Feedback
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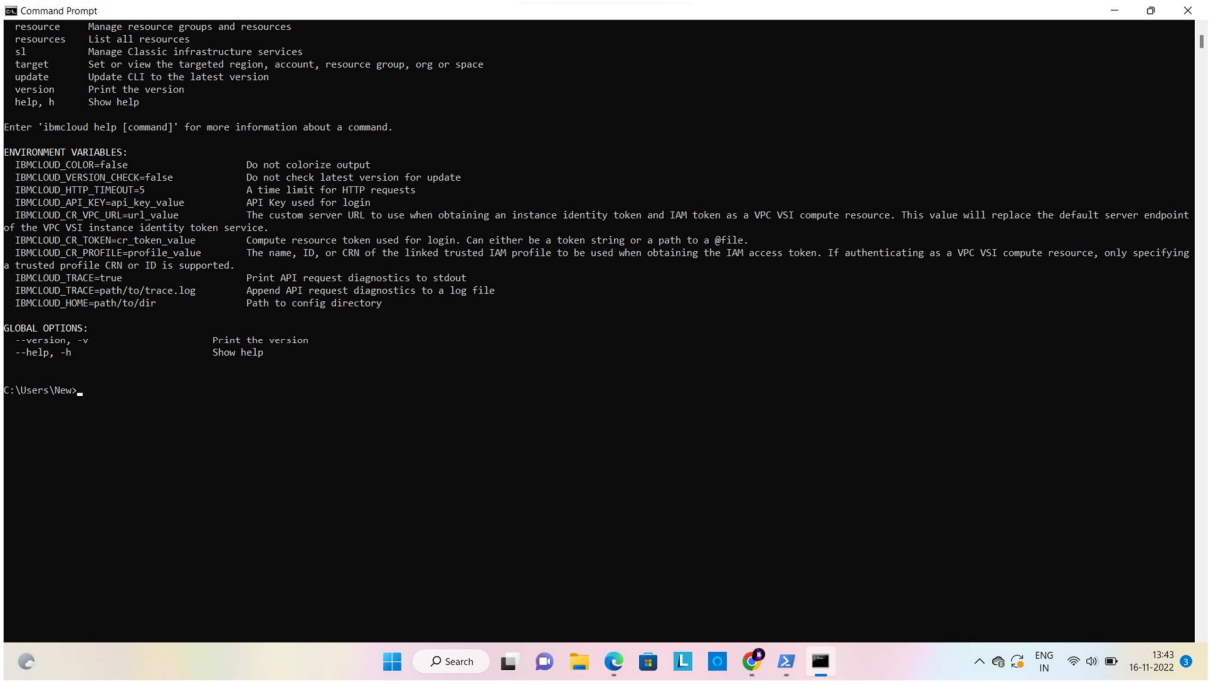
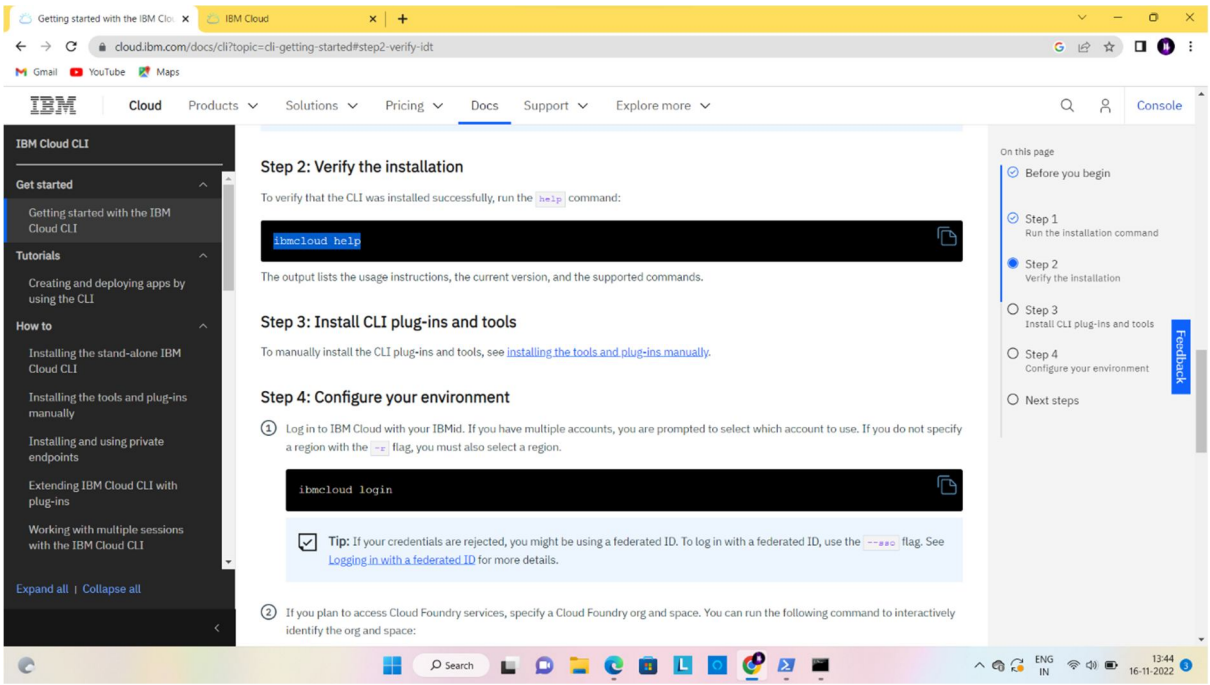

Command Prompt
resource Manage resource groups and resources
resources List all resources
sl Manage Classic infrastructure services
target Set or view the targeted region, account, resource group, org or space
update Update CLI to the latest version
version Print the version
help, h Show help
Enter 'ibmcloud help [command]' for more information about a command.
ENVIRONMENT VARIABLES:
IBMCLOUD_COLOR=false Do not colorize output
IBMCLOUD_VERSION_CHECK=false Do not check latest version for update
IBMCLOUD_HTTP_TIMEOUT=5 A time limit for HTTP requests
IBMCLOUD_API_KEY=api_key_value API Key used for login
IBMCLOUD_CR_VPC_URL=url_value The custom server URL to use when obtaining an instance identity token and IAM token as a VPC VSI compute resource. This value will replace the default server endpoint of the VPC VSI instance identity token service.
IBMCLOUD_CR_TOKEN=cr_token_value Compute resource token used for login. Can either be a token string or a path to a @file.
IBMCLOUD_CR_PROFILE=profile_value The name, ID, or CRN of the linked trusted IAM profile to be used when obtaining the IAM access token. If authenticating as a VPC VSI compute resource, only specifying a trusted profile CRN or ID is supported.
IBMCLOUD_TRACE=true Print API request diagnostics to stdout
IBMCLOUD_TRACE=path/to/trace.log Append API request diagnostics to a log file
IBMCLOUD_HOME=path/to/dir Path to config directory
GLOBAL OPTIONS:
--version, -v Print the version
--help, -h Show help
C:\Users\New>
Search
ENG IN
13:43 16-11-2022


Getting started with the IBM Clo
IBM Cloud
cloud.ibm.com/docs/cli?topic=cli-getting-started#step2-verify-idt
Gmail YouTube Maps
IBM Cloud Products Solutions Pricing Docs Support Explore more Console
IBM Cloud CLI
Get started
Getting started with the IBM Cloud CLI
Tutorials
Creating and deploying apps by using the 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
Expand all | Collapse all
Step 2: Verify the installation
To verify that the CLI was installed successfully, run the help command:
ibmcloud help
The output lists the usage instructions, the current version, and the supported commands.
Step 3: Install CLI plug-ins and tools
To manually install the CLI plug-ins and tools, see installing the tools and plug-ins manually.
Step 4: Configure your environment
1 Log in to IBM Cloud with your IBMid. If you have multiple accounts, you are prompted to select which account to use. If you do not specify a region with the -r flag, you must also select a region.
ibmcloud login
Tip: If your credentials are rejected, you might be using a federated ID. To log in with a federated ID, use the --sso flag. See Logging in with a federated ID for more details.
2 If you plan to access Cloud Foundry services, specify a Cloud Foundry org and space. You can run the following command to interactively identify the org and space:
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Step 1 Run the installation command
Step 2 Verify the installation
Step 3 Install CLI plug-ins and tools
Step 4 Configure your environment
Next steps
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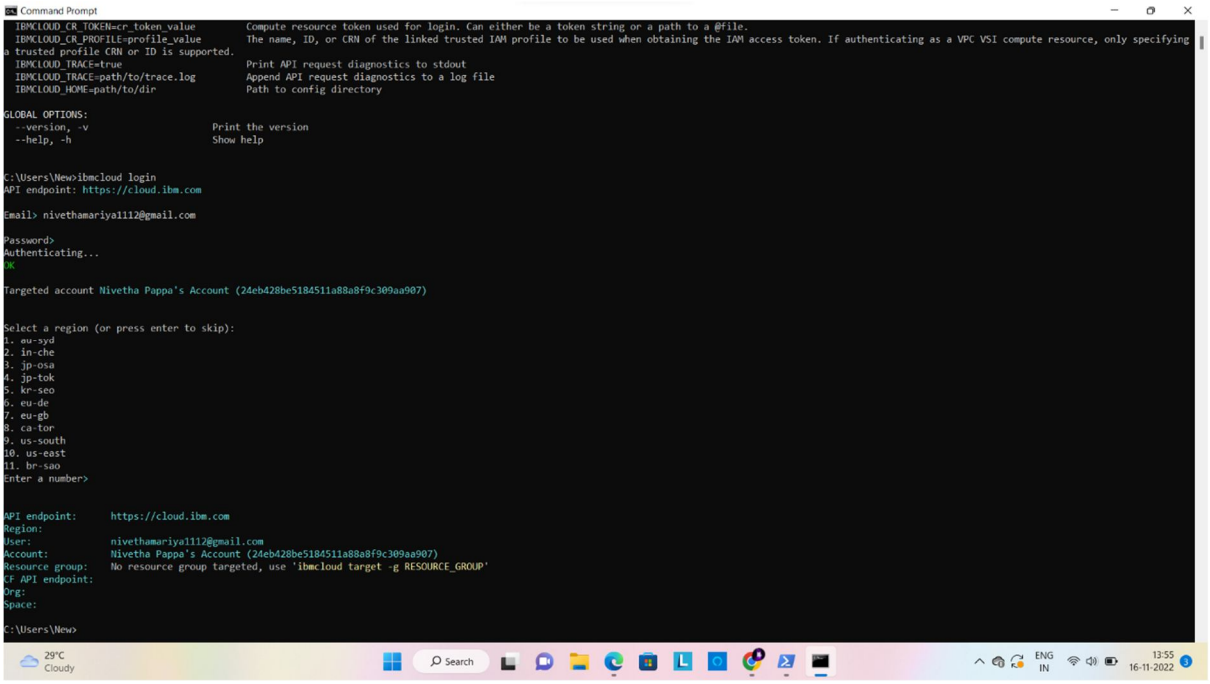
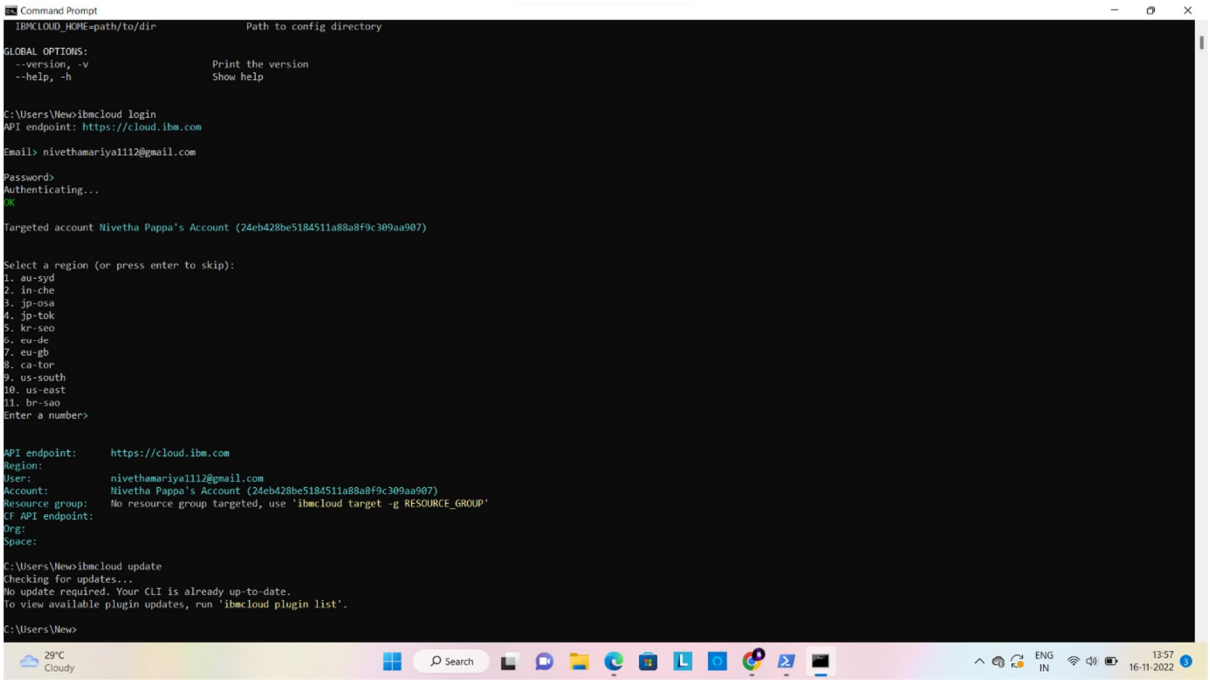
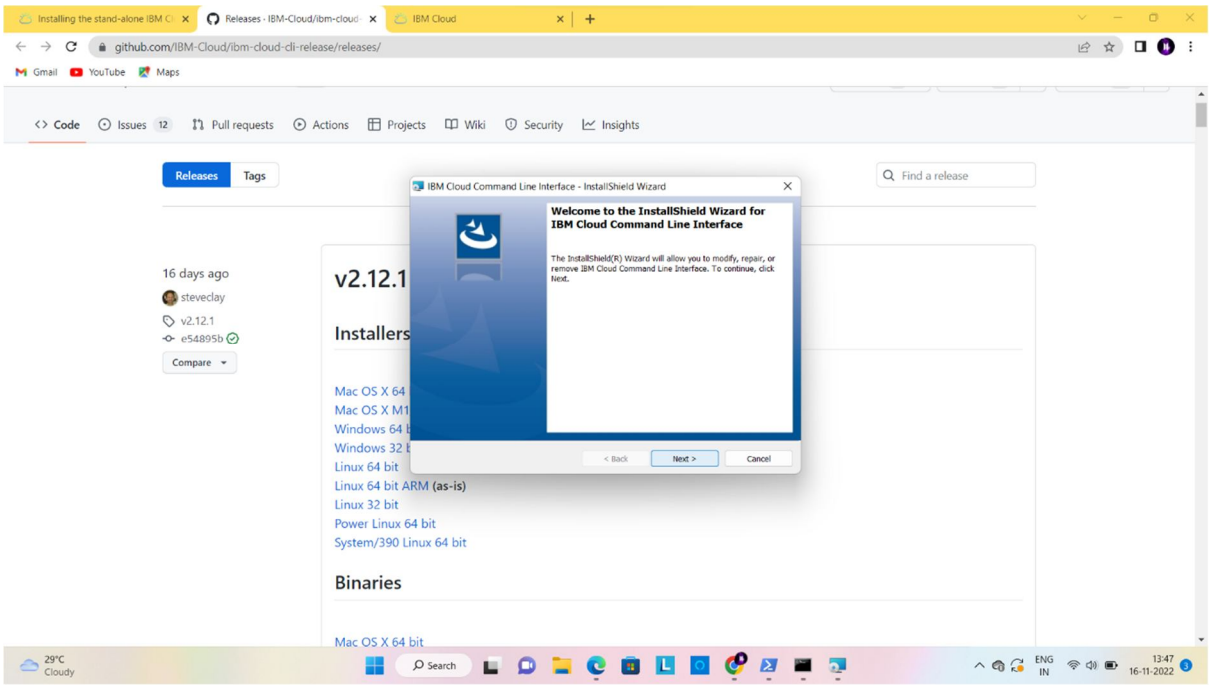
13:44 16-11-2022





4.Docker CLI installation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Releases
Tags
Find a release
IBM Cloud Command Line Interface - InstallShield Wizard
Welcome to the InstallShield Wizard for IBM Cloud Command Line Interface
The InstallShield(R) Wizard will allow you to modify, repair, or remove IBM Cloud Command Line Interface. To continue, click Next.
< Back
Next >
Cancel
16 days ago
steveclay
v2.12.1
e54895b
Compare
v2.12.1
Installers
Mac OS X 64
Mac OS X M1
Windows 64 b
Windows 32 b
Linux 64 bit
Linux 64 bit ARM (as-is)
Linux 32 bit
Power Linux 64 bit
System/390 Linux 64 bit
Binaries
Mac OS X 64 bit
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Cloudy
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ENG
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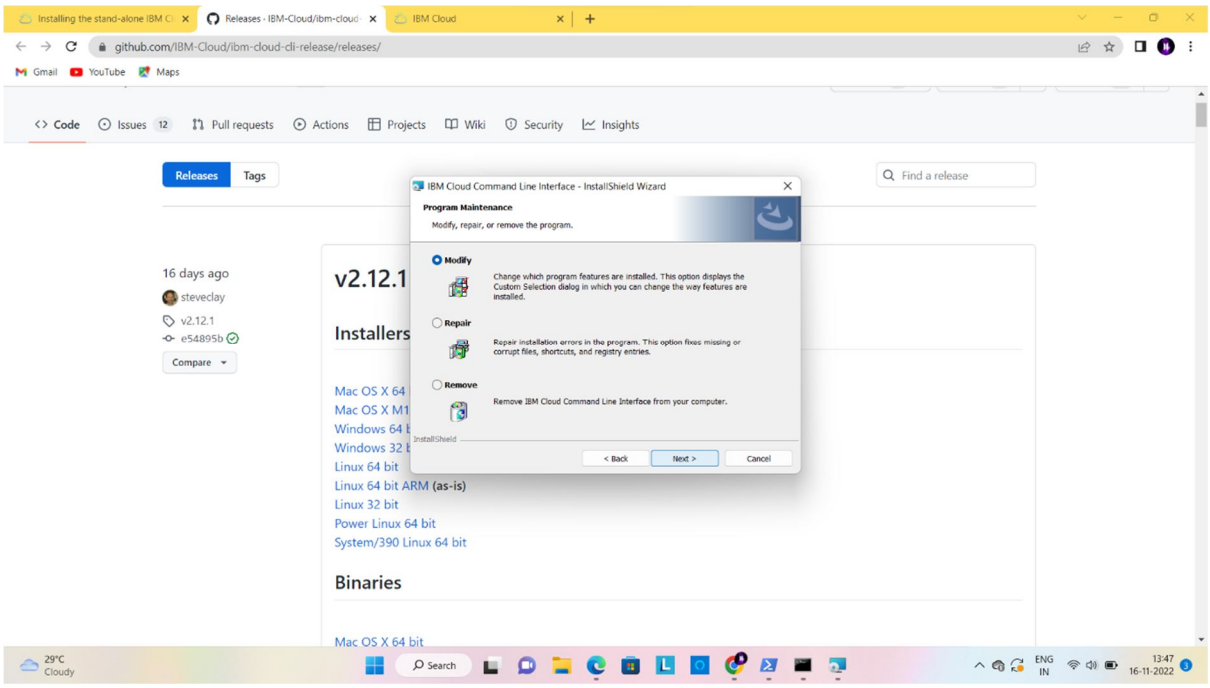
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IBM Cloud
github.com/IBM-Cloud/ibm-cloud-cli-release/releases/
Gmail
YouTube
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Releases
Tags
Find a release
IBM Cloud Command Line Interface - InstallShield Wizard
Program Maintenance
Modify, repair, or remove the program.
Modify
Change which program features are installed. This option displays the Custom Selection dialog in which you can change the way features are installed.
Repair
Repair installation errors in the program. This option fixes missing or corrupt files, shortcuts, and registry entries.
Remove
Remove IBM Cloud Command Line Interface from your computer.
InstallShield
< Back
Next >
Cancel
16 days ago
steveclay
v2.12.1
e54895b
Compare
v2.12.1
Installers
Mac OS X 64
Mac OS X M1
Windows 64 b
Windows 32 b
Linux 64 bit
Linux 64 bit ARM (as-is)
Linux 32 bit
Power Linux 64 bit
System/390 Linux 64 bit
Binaries
Mac OS X 64 bit
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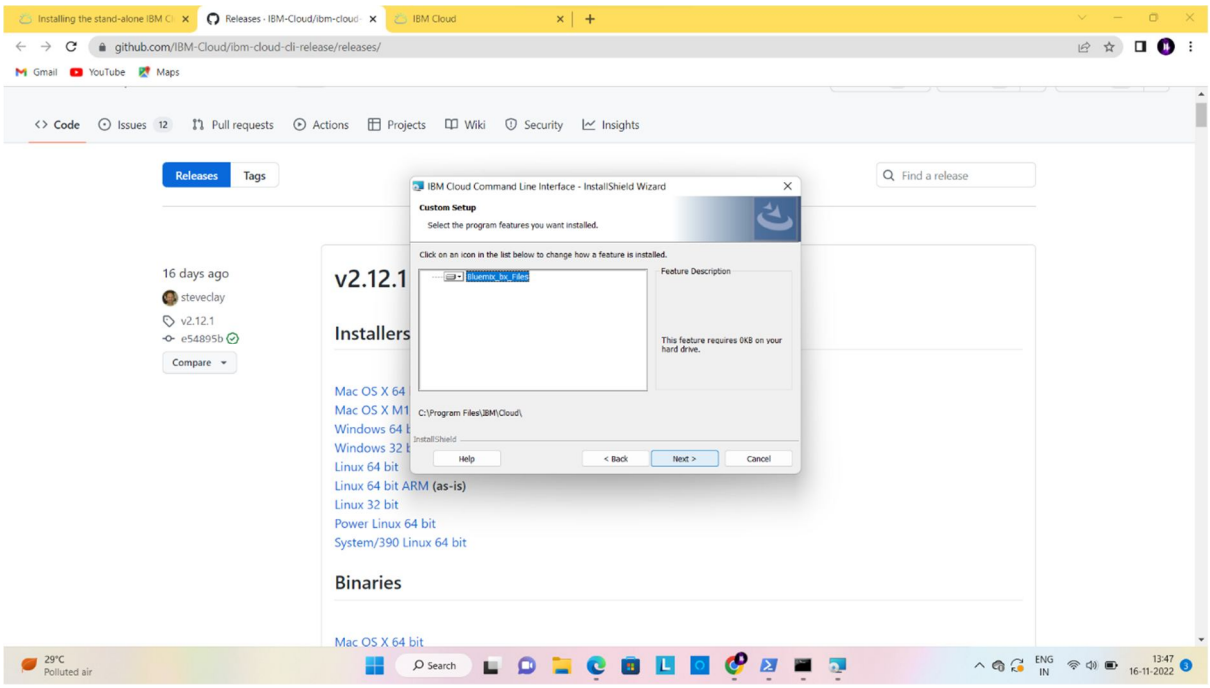
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github.com/IBM-Cloud/ibm-cloud-cli-release/releases/
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Maps
Code
Issues 12
Pull requests
Actions
Projects
Wiki
Security
Insights
Releases
Tags
Find a release
IBM Cloud Command Line Interface - InstallShield Wizard
Custom Setup
Select the program features you want installed.
Click on an icon in the list below to change how a feature is installed.
bluemix_bx_Files
Feature Description
This feature requires 0KB on your hard drive.
C:\Program Files\IBM\Cloud\
InstallShield
Help
< Back
Next >
Cancel
16 days ago
steveclay
v2.12.1
e54895b
Compare
v2.12.1
Installers
Mac OS X 64
Mac OS X M1
Windows 64 b
Windows 32 b
Linux 64 bit
Linux 64 bit ARM (as-is)
Linux 32 bit
Power Linux 64 bit
System/390 Linux 64 bit
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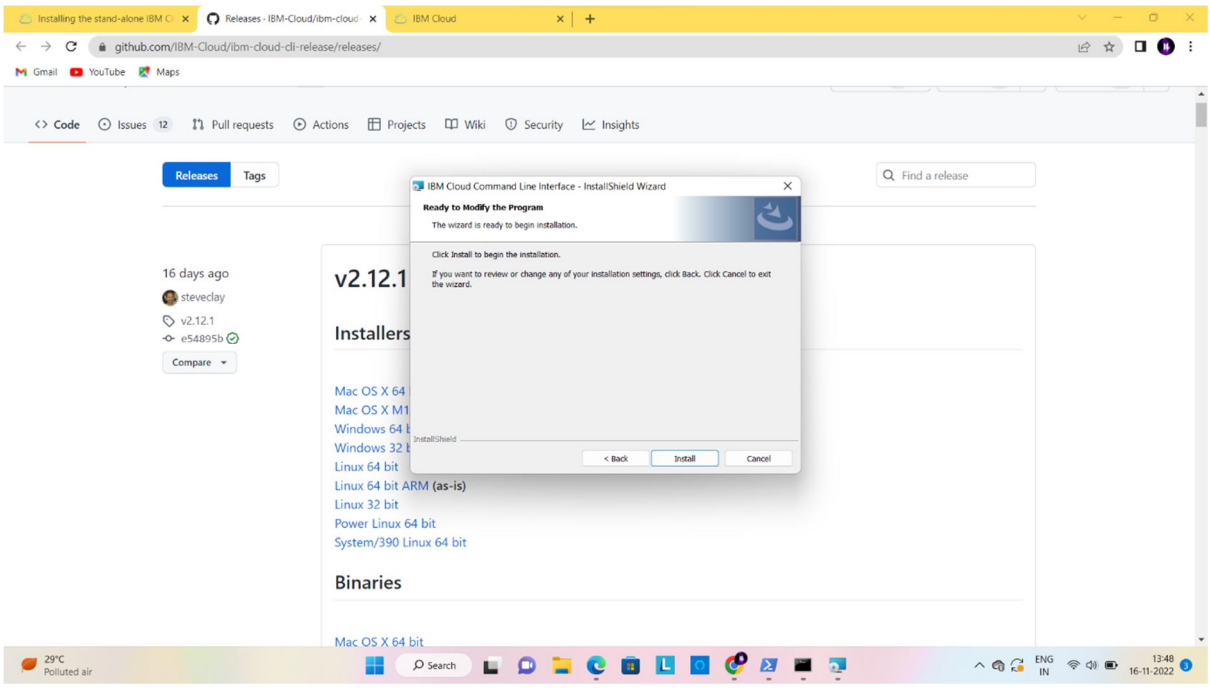
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IBM Cloud
github.com/IBM-Cloud/ibm-cloud-cli-release/releases/
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Code
Issues 12
Pull requests
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Security
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Releases
Tags
Find a release
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.
InstallShield
< Back
Install
Cancel
16 days ago
steveclay
v2.12.1
e54895b
Compare
v2.12.1
Installers
Mac OS X 64
Mac OS X M1
Windows 64 b
Windows 32 b
Linux 64 bit
Linux 64 bit ARM (as-is)
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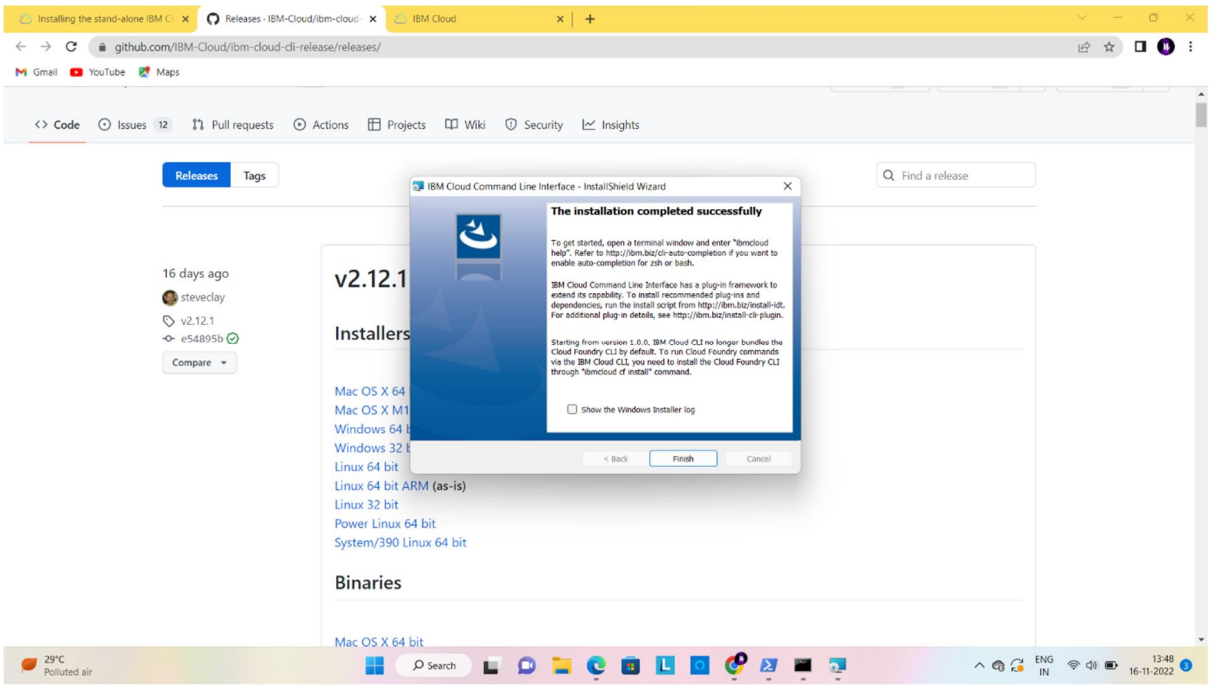
16-11-2022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IBM Cloud
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Code
Issues 12
Pull requests
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Insights
Releases
Tags
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IBM Cloud Command Line Interface - InstallShield Wizard
The installation completed successfully
To get started, open a terminal window and enter "ibmcloud help". Refer to http://ibm.biz/cli-auto-completion if you want to enable auto-completion for zsh or bash.
IBM Cloud Command Line Interface has a plug-in framework to extend its capability. To install recommended plug-ins and dependencies, run the install script from http://ibm.biz/install-idt. For additional plug-in details, see http://ibm.biz/install-cli-plugin.
Starting from version 1.0.0, IBM Cloud CLI no longer bundles the Cloud Foundry CLI by default. To run Cloud Foundry commands via the IBM Cloud CLI, you need to install the Cloud Foundry CLI through "ibmcloud cf install" command.
Show the Windows Installer log
< Back
Finish
Cancel
16 days ago
steveclay
v2.12.1
e54895b
Compare
v2.12.1
Installers
Mac OS X 64
Mac OS X M1
Windows 64 b
Windows 32 b
Linux 64 bit
Linux 64 bit ARM (as-is)
Linux 32 bit
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Binaries
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Search
ENG
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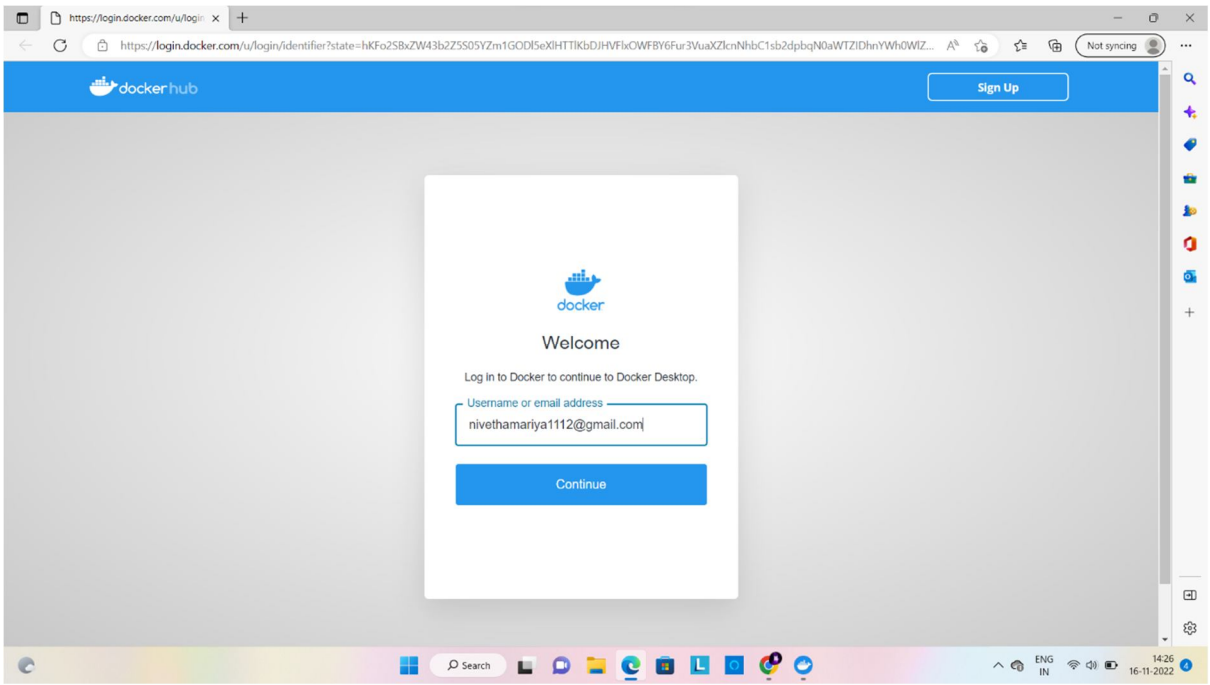
https://login.docker.com/u/login/identifier?state=hKFo2SBxZW43b2Z5S05YZm1GODI5eXlHTTlKbDJHVFlxOWFBY6Fur3VuaXZlcnNhbC1sb2dpbqN0aWTZIDhnYWh0WlZ...
Not syncing
docker hub
Sign Up
docker
Welcome
Log in to Docker to continue to Docker Desktop.
Username or email address
nivethamariya1112@gmail.com
Continue
Search
ENG
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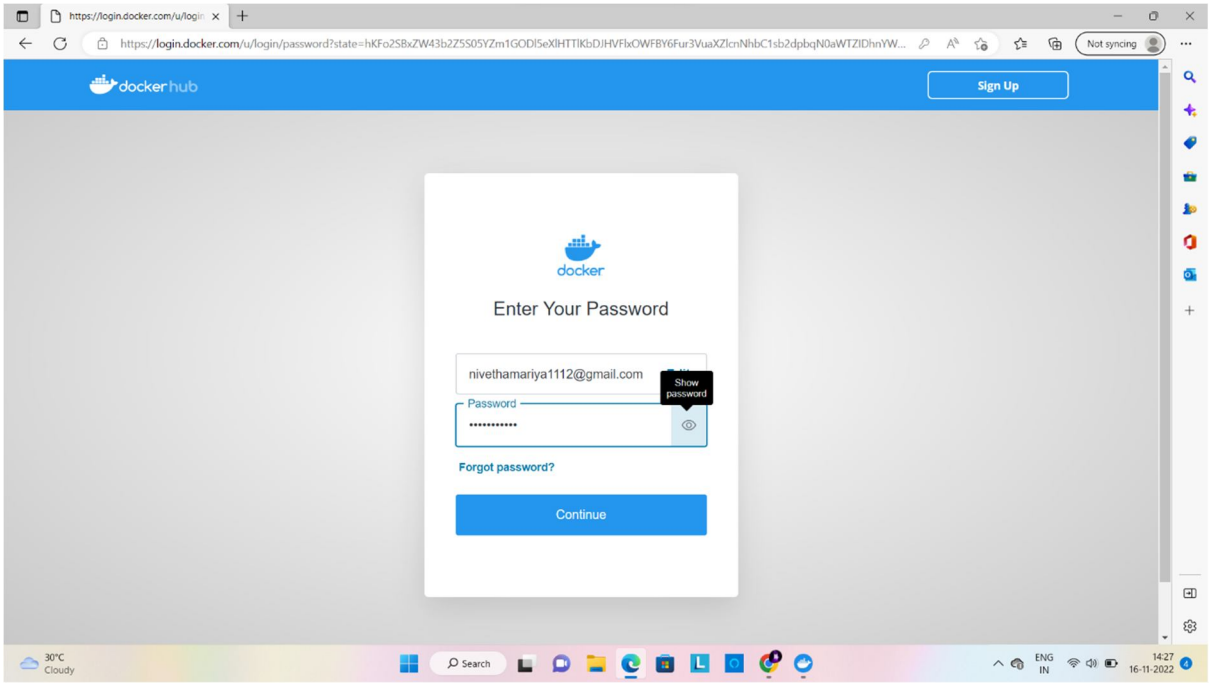
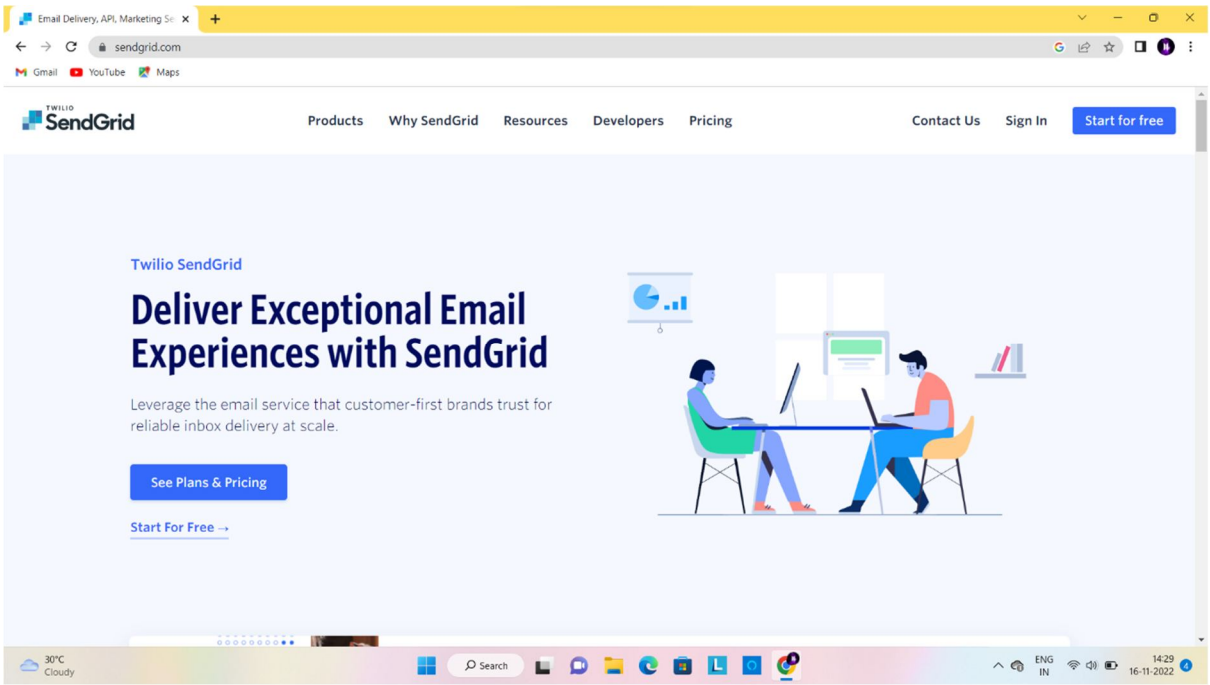
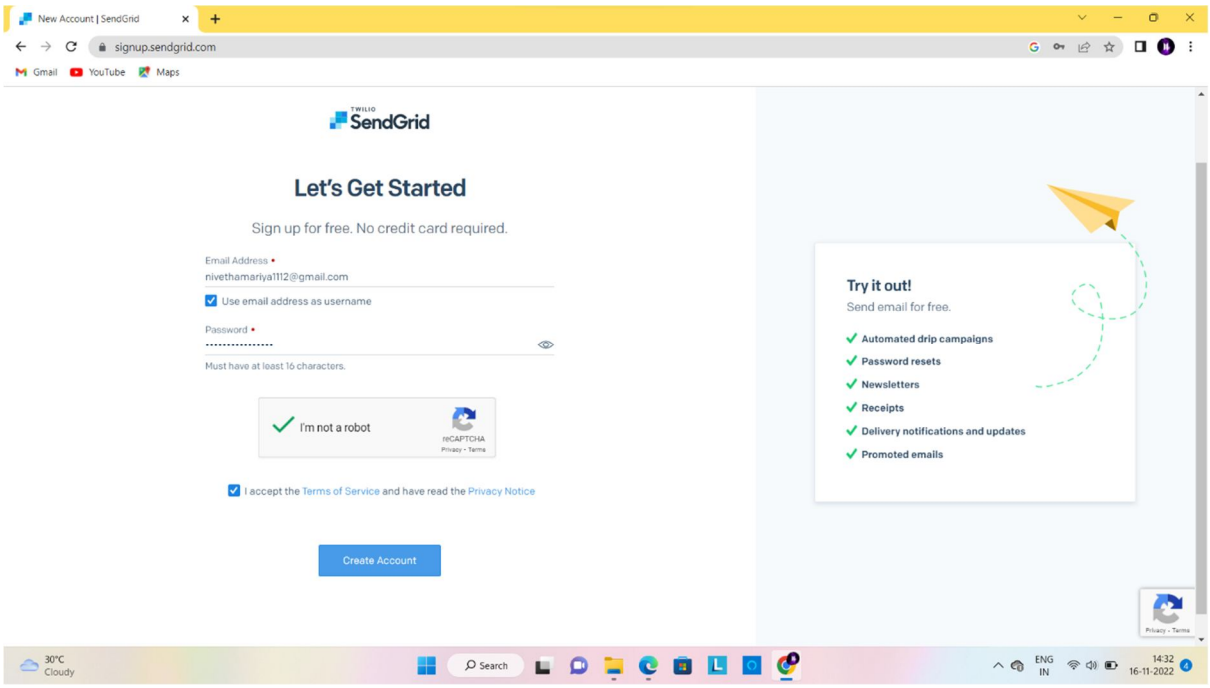
16-11-2022



5.Create an account in sendgrid




New Account | SendGrid
signup.sendgrid.com
Gmail
YouTube
Maps
SendGrid
Let's Get Started
Sign up for free. No credit card required.
Email Address *
nivethamariya1112@gmail.com
Use email address as username
Password *
Must have at least 16 characters.
I'm not a robot
reCAPTCHA
Privacy - Terms
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
30°C
Cloudy
Search
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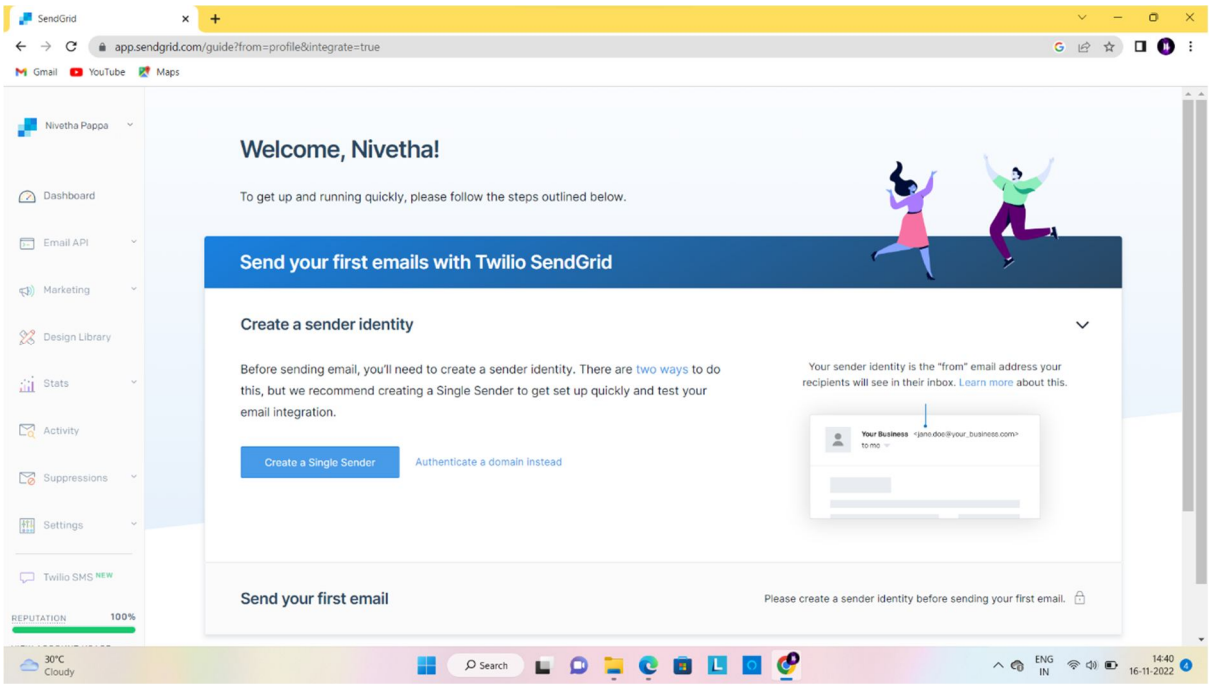
SendGrid
app.sendgrid.com/guide?from=profile&integrate=true
Gmail
YouTube
Maps
Nivetha Pappa
Dashboard
Email API
Marketing
Design Library
Stats
Activity
Suppressions
Settings
Twilio SMS NEW
REPUTATION
100%
Welcome, Nivetha!
To get up and running quickly, please follow the steps outlined below.
Send your 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.
Create a Single Sender
Authenticate a domain instead
Your sender identity is the "from" email address your recipients will see in their inbox. Learn more about this.
Your Business <jane.doe@your_business.com>
to me
Send your first email
Please create a sender identity before sending your first email.
30°C
Cloudy
Search
ENG
IN
14:40
16-11-2022