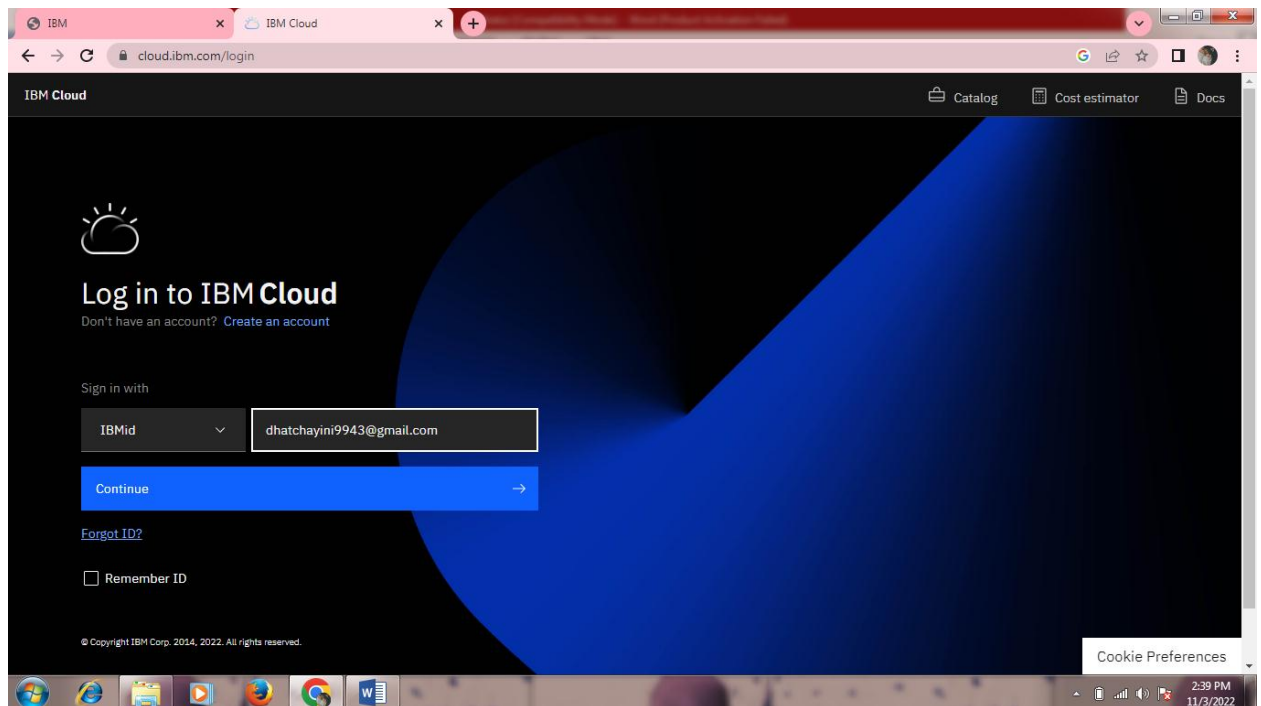
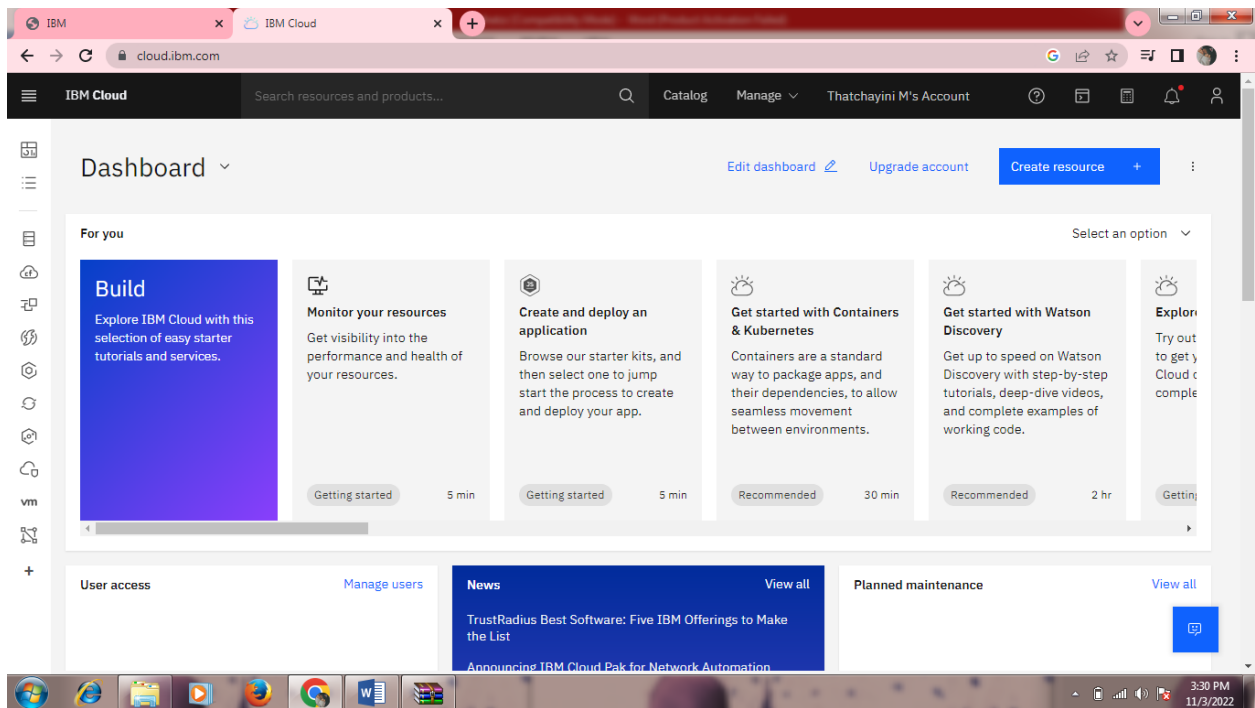
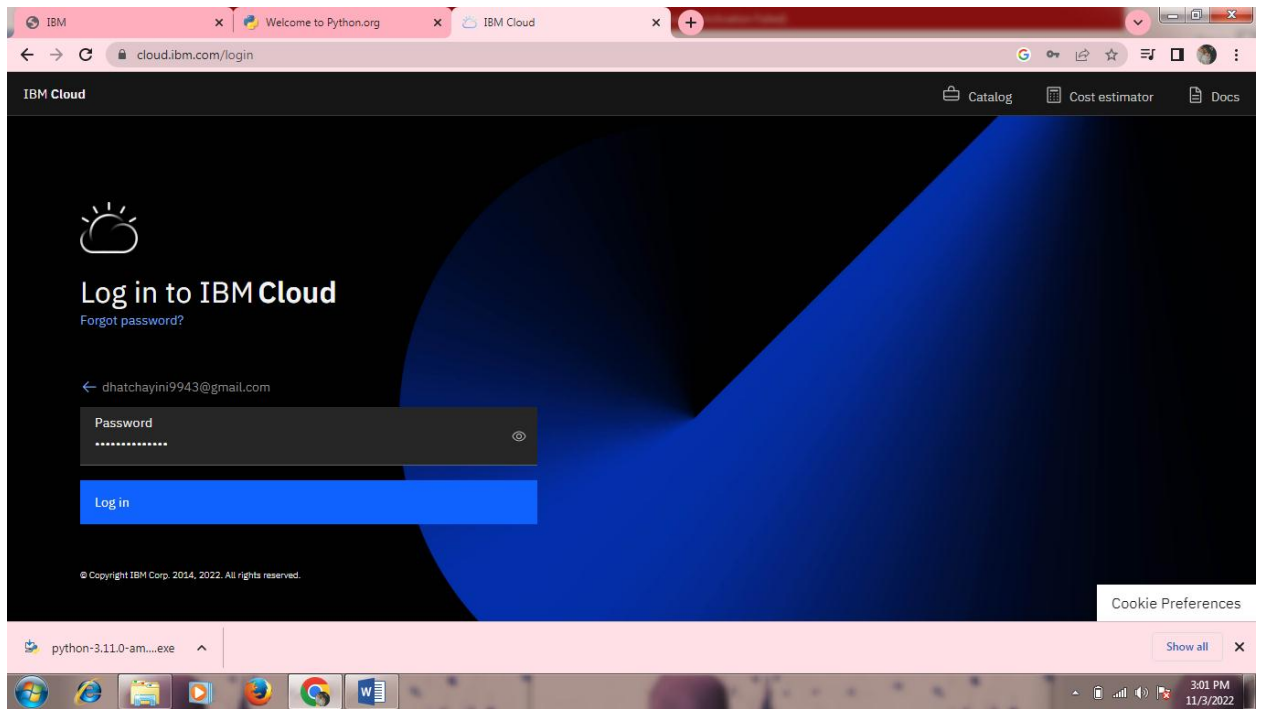


SETTING UP APPLICATION ENVIRONMENT

Date	25 October 2022
Team ID	PNT2022TMID45363
Project Name	News Tracker Application

Create IBM Cloud account.





Install IBM Cloud CLI.

This screenshot shows the 'Getting started with the IBM Cloud CLI' page on the IBM Cloud documentation site. The left sidebar contains a navigation menu with 'Get started' and 'How to' sections. The main content area explains that the tutorial installs the IBM Cloud Command Line Interface and lists several plug-ins that can be installed manually: Git, Docker, Helm, kubectl, curl (Linux only), IBM Cloud Functions plug-in, IBM Cloud Object Storage plug-in, IBM Cloud Container Registry plug-in, and IBM Cloud Kubernetes Service plug-in. A tip box suggests trying out IBM Cloud Shell. The right sidebar shows a 'On this page' section with a list of steps: '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', and 'Next steps'. The browser's address bar shows the URL 'cloud.ibm.com/docs/cli?topic=cli-getting-started'.

Getting started with the IBM Cloud CLI

In this tutorial, you install the IBM Cloud® Command Line Interface, along with the option to install popular plug-ins and tools so that you can work with apps, toolchains, pipelines, Kubernetes clusters, and more in IBM Cloud.

The installation command in this tutorial installs the latest stand-alone IBM Cloud CLI version available, with the option of installing the following tools manually:

- [Git](#)
- [Docker](#)
- [Helm](#)
- [kubectl](#)
- [curl](#) (Linux™ only)
- [IBM Cloud Functions plug-in](#)
- [IBM Cloud Object Storage plug-in](#)
- [IBM Cloud Container Registry plug-in](#)
- [IBM Cloud Kubernetes Service plug-in](#)

Tip: Want to start working with the IBM Cloud CLI? Try out IBM Cloud Shell, which gives you a personal cloud-based shell workspace with the full IBM Cloud CLI and tons of command-line tools - no installation needed. To get started, click the Cloud Shell icon in the IBM Cloud console menu bar. For more information, see [Getting started with IBM Cloud Shell](#).

On this page

- ☒ Before you begin
- ☐ Step 1: Run the installation command
- ☐ Step 2: Verify the installation
- ☐ Step 3: Install CLI plug-ins and tools
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- ☐ Next steps

This screenshot shows the 'Step 1: Run the installation command' page on the IBM Cloud documentation site. The left sidebar is the same as the previous screenshot. The main content area provides instructions for installing the CLI on different operating systems. For MacOS, the command is 'curl -fsSL https://clis.cloud.ibm.com/install/osx | sh'. For Linux, the command is 'curl -fsSL https://clis.cloud.ibm.com/install/linux | sh'. For Windows 10 Pro, the command is 'iex (New-Object Net.WebClient).DownloadString('https://clis.cloud.ibm.com/install/powershell')'. A tip box suggests opening PowerShell. The right sidebar shows the 'On this page' section with a list of steps: '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', and 'Next steps'. The browser's address bar shows the URL 'cloud.ibm.com/docs/cli?topic=cli-getting-started#step1-install-idt'.

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

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- ☐ Next steps

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

Expand all | Collapse all

Next steps

If you installed the CLI plug-ins and tools, you're now ready to develop and deploy your first app. For more information, see [Creating and deploying apps by using the CLI](#).

Stay up to date with the IBM Cloud CLI by subscribing to the [IBM Cloud CLI releases repository](#). You'll receive notifications about new IBM Cloud CLI releases.

IBM Cloud CLI supports a plug-in framework to extend its capability. [Discover and install new CLI plug-ins!](#)

Tip: Need a hand with remembering IBM Cloud CLI commands? Print the [IBM Cloud CLI quick reference](#) to keep commands for common tasks at your fingertips.

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Feedback

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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

- 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
```

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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:

```
ibmcloud target --cf
```

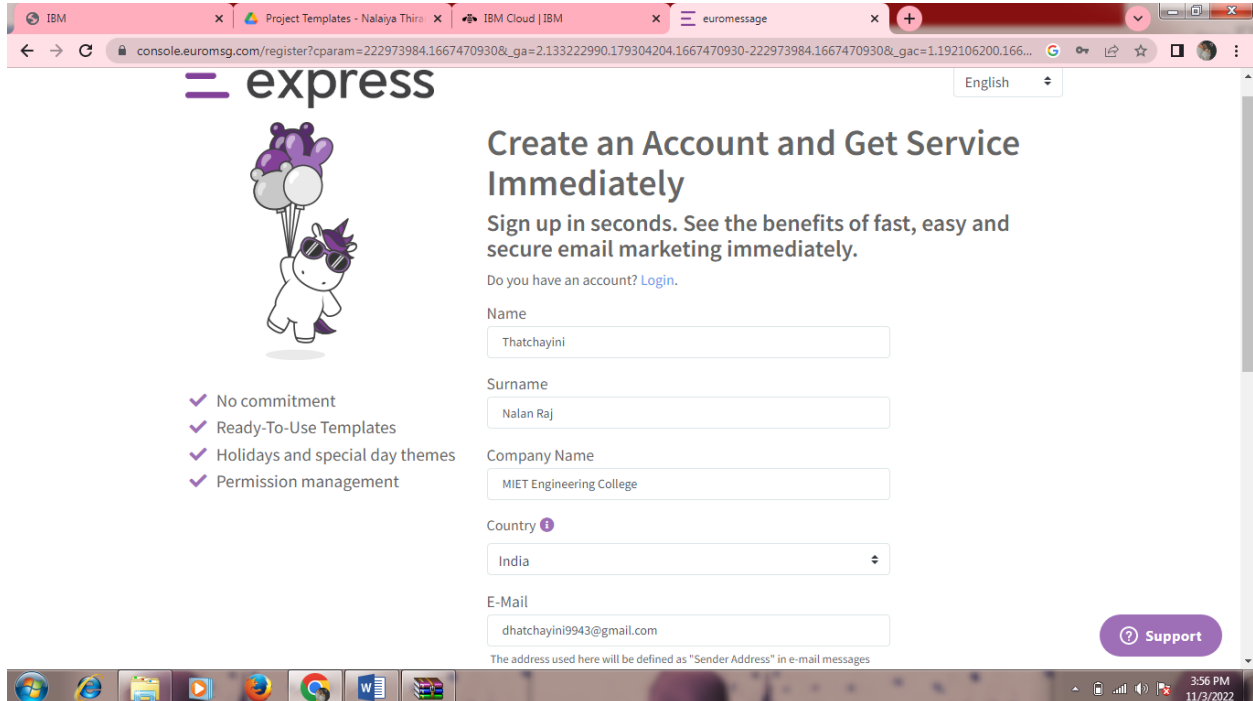
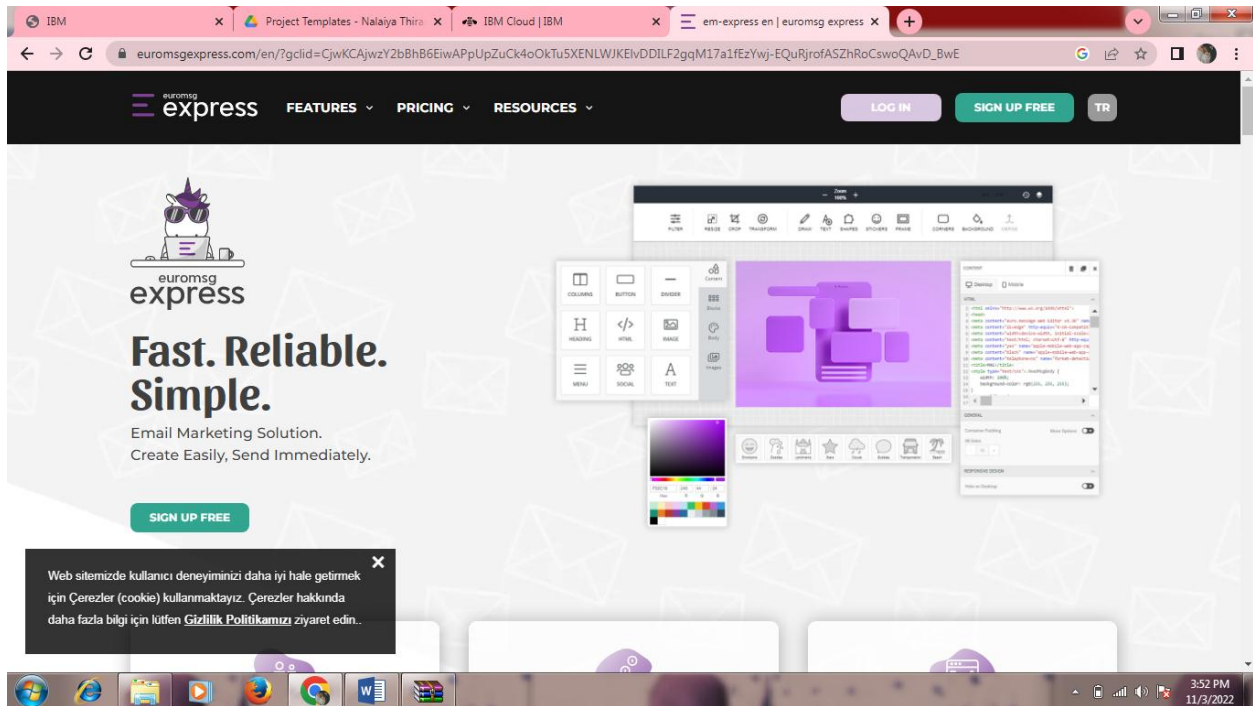
Or, if you know which org and space that the service belongs to, you can use the following command:

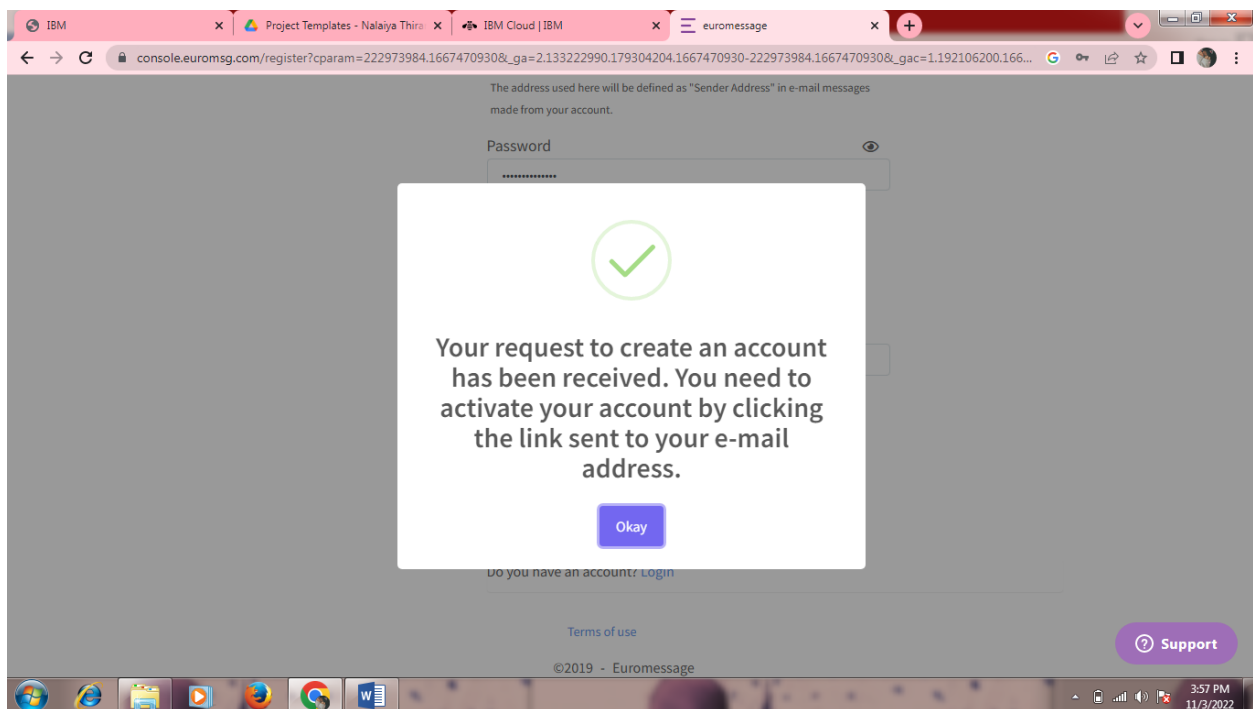
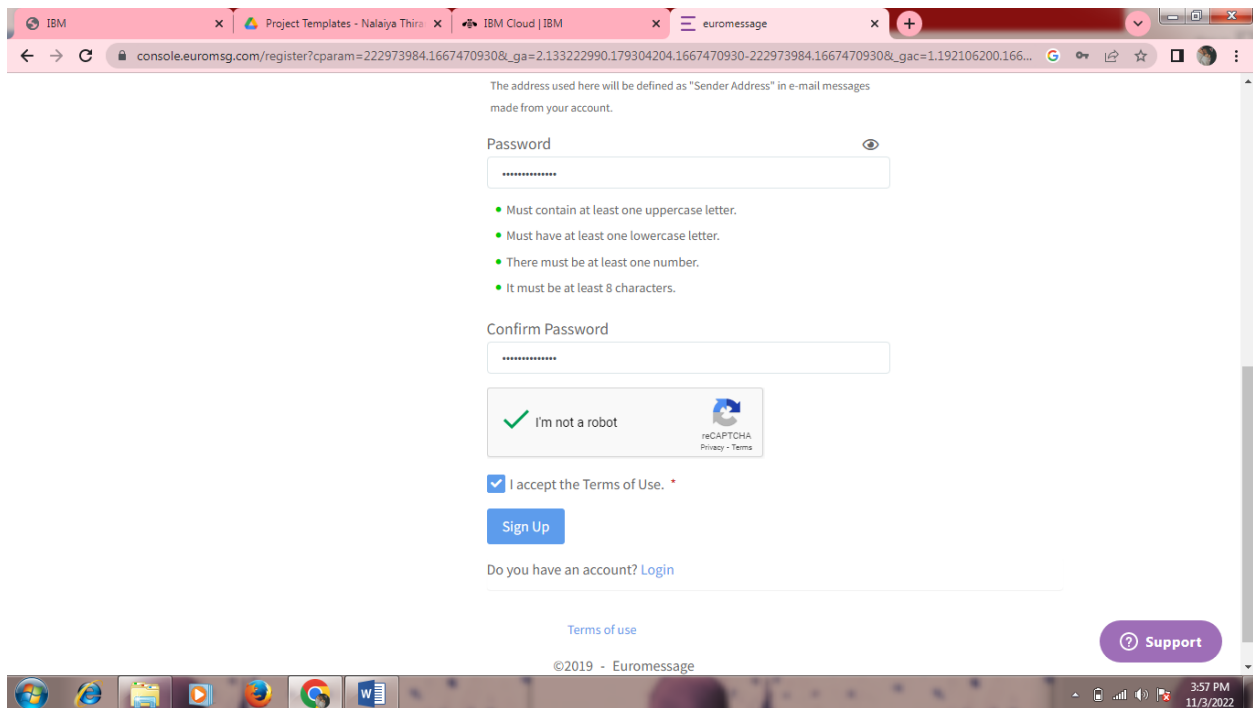
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Feedback

Create an account in Sendgrid.





Docker CLI Installation.

