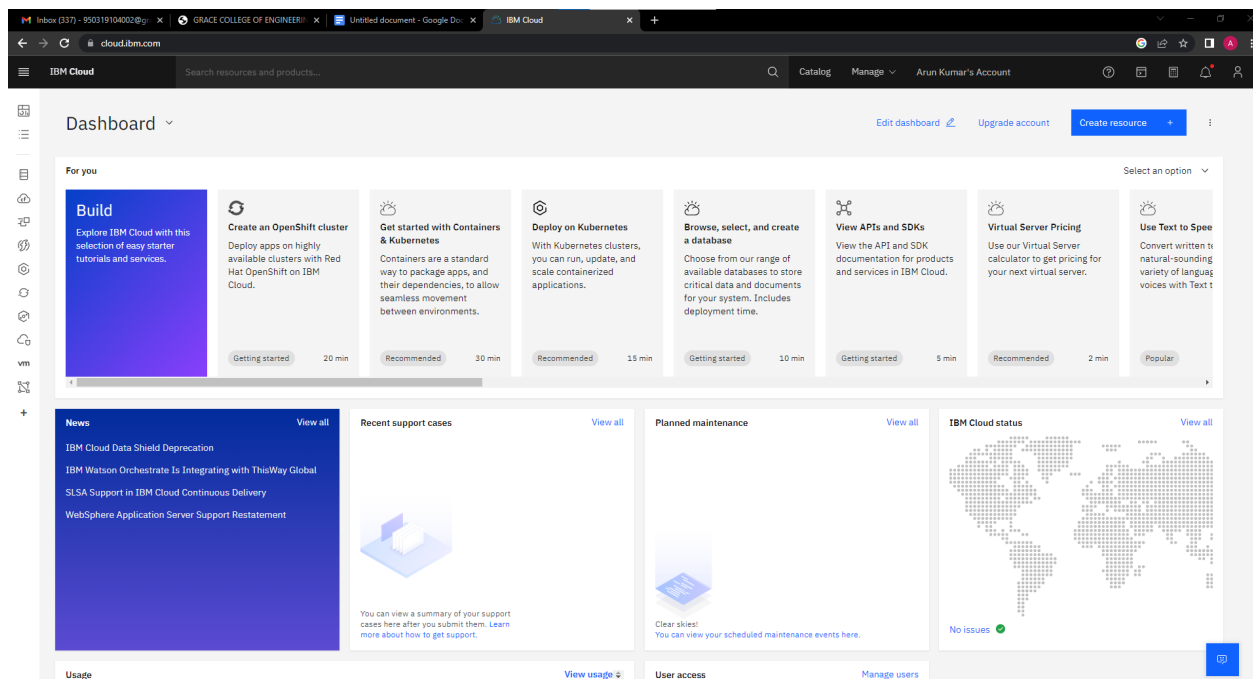


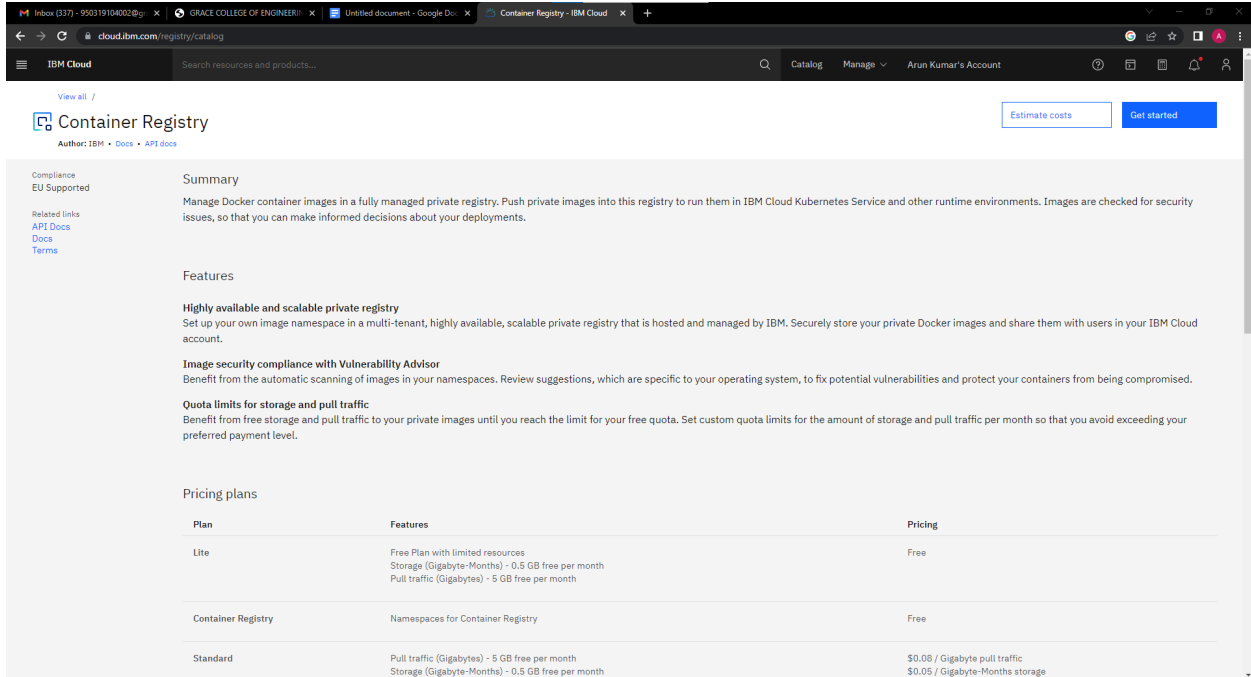
Setting up Application Environment

Install IBM Cloud CLI

Step 1: Navigate to cloud.ibm.com



Step 2: Search on Container Registry and give get started and follow the steps to install IBM Cloud CLI

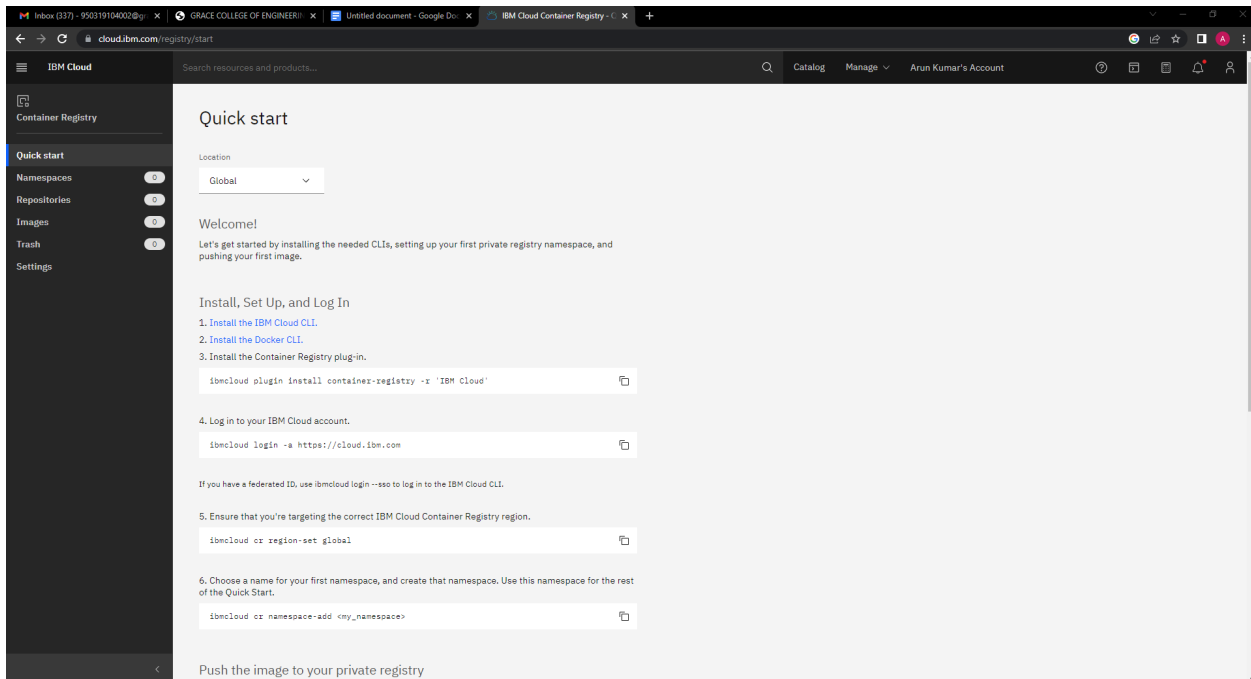


The screenshot shows the IBM Cloud Container Registry page. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and Arun Kumar's Account. The main content area is titled "Container Registry" and includes a "Get started" button. The "Summary" section describes the service as a fully managed private registry. The "Features" section lists several key capabilities:

- Highly available and scalable private registry:** Set up your own image namespace in a multi-tenant, highly available, scalable private registry that is hosted and managed by IBM. Securely store your private Docker images and share them with users in your IBM Cloud account.
- Image security compliance with Vulnerability Advisor:** Benefit from the automatic scanning of images in your namespaces. Review suggestions, which are specific to your operating system, to fix potential vulnerabilities and protect your containers from being compromised.
- Quota limits for storage and pull traffic:** Benefit from free storage and pull traffic to your private images until you reach the limit for your free quota. Set custom quota limits for the amount of storage and pull traffic per month so that you avoid exceeding your preferred payment level.

The "Pricing plans" section includes a table with the following data:

Plan	Features	Pricing
Lite	Free Plan with limited resources Storage (Gigabyte-Months) - 0.5 GB free per month Pull traffic (Gigabyte) - 5 GB free per month	Free
Container Registry	Namespaces for Container Registry	Free
Standard	Pull traffic (Gigabyte) - 5 GB free per month Storage (Gigabyte-Months) - 0.5 GB free per month	\$0.08 / Gigabyte pull traffic \$0.05 / Gigabyte-Months storage



The screenshot shows the IBM Cloud Container Registry "Quick start" page. The left sidebar includes links to Namespaces, Repositories, Images, Trash, and Settings. The main content area is titled "Quick start" and includes a "Location" dropdown set to "Global". The "Welcome!" section provides instructions on how to get started by installing the needed CLIs, setting up your first private registry namespace, and pushing your first image. The "Install, Set Up, and Log In" section lists the following steps:

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.

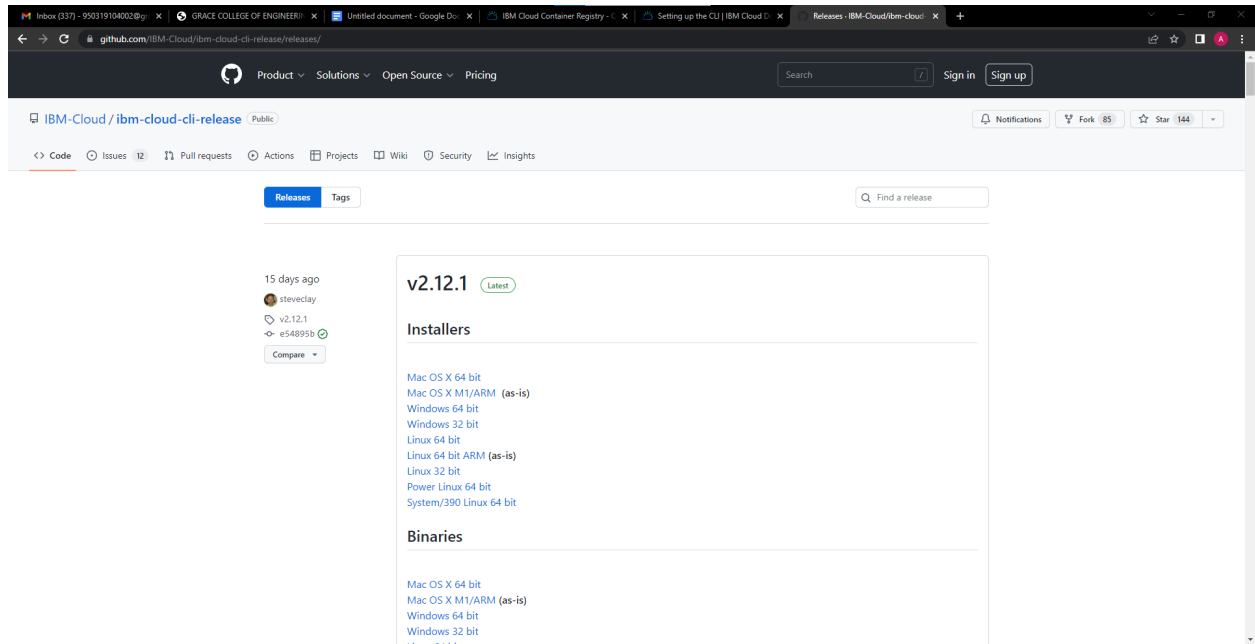
5. Ensure that you're targeting the correct IBM Cloud Container Registry region.

```
ibmcloud cr region-set global
```
6. Choose a name for your first namespace, and create that namespace. Use this namespace for the rest of the Quick Start.

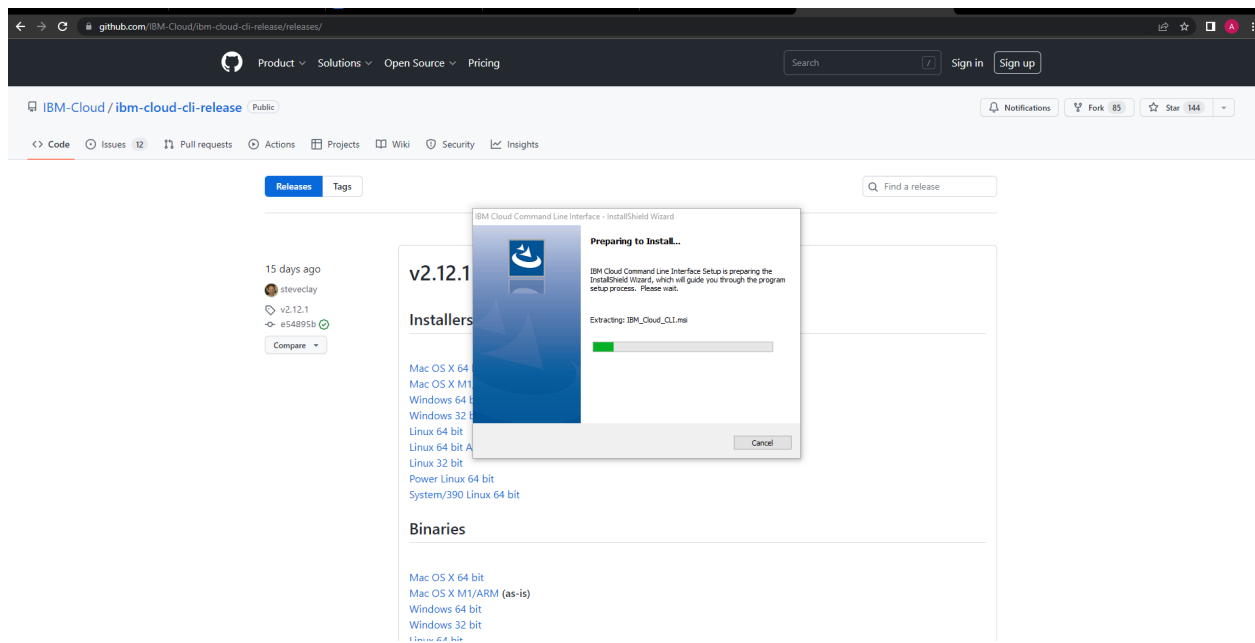
```
ibmcloud cr namespace-add <my_namespace>
```

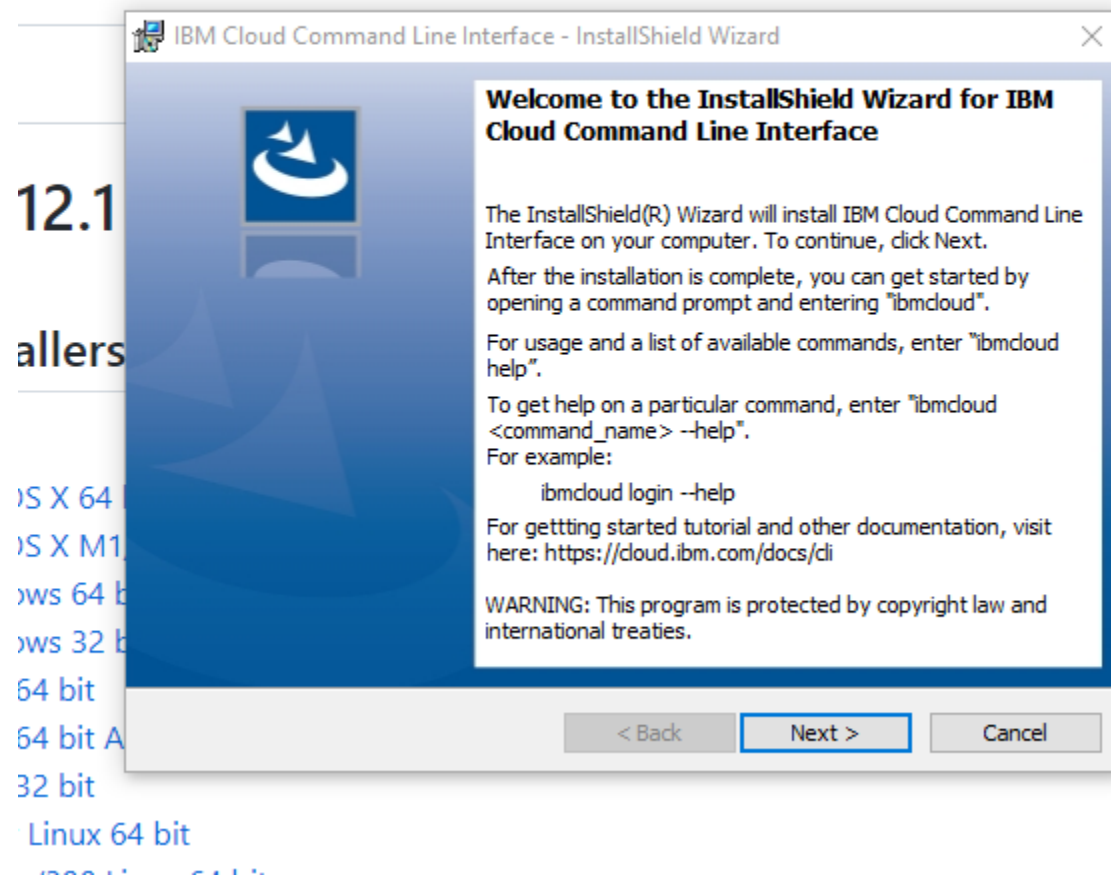
Push the image to your private registry

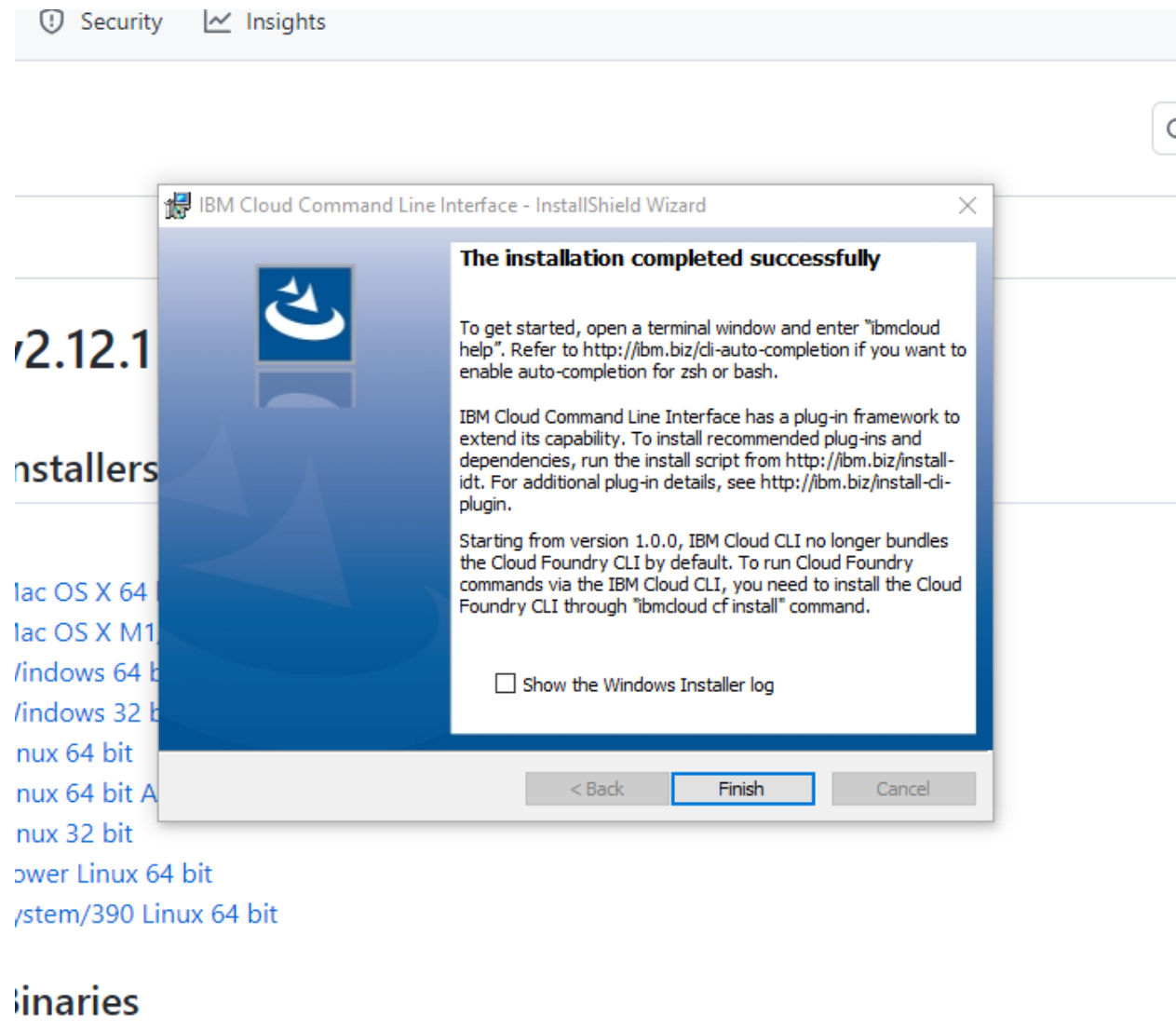
Step 3. Download based on your operating system



Step 4: Open the downloaded .exe file and run it to install IBM Cloud CLI







OUTPUT: IBM Cloud CLI is installed successfully