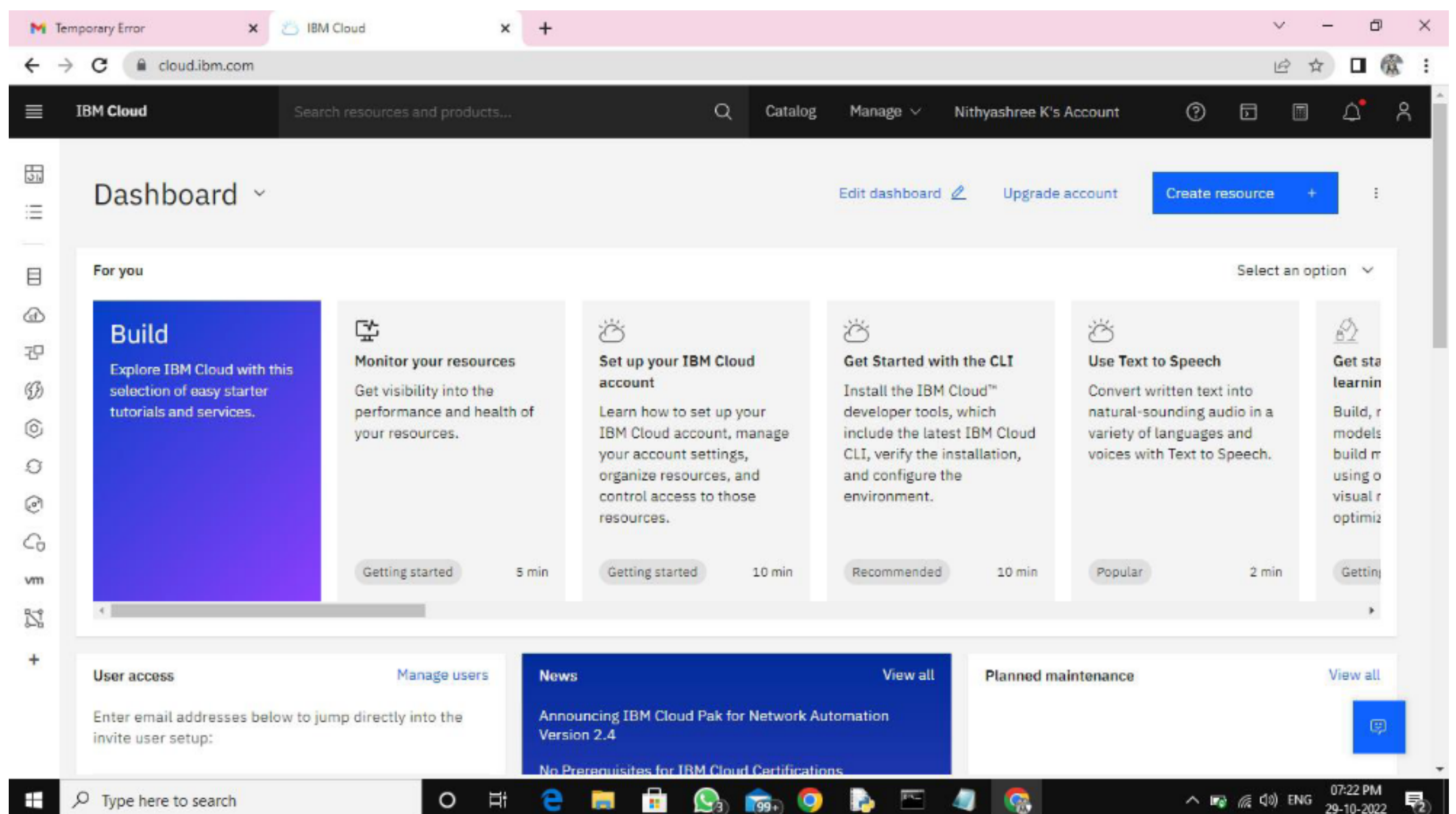


Setting Up Application Environment

Install IBM cloud CLI

Date	31 October 2022
Team ID	PNT2022TMID16514
Project Name	Plasma donor application
Maximum Marks	

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

This screenshot shows the IBM Cloud Container Registry catalog page. The browser's address bar displays `cloud.ibm.com/registry/catalog`. The page header includes the IBM Cloud logo, a search bar, and navigation links for 'Catalog', 'Manage', and the user's account. The main content area features the 'Container Registry' title, an 'Estimate costs' button, and a 'Get started' button. A sidebar on the left lists 'Compliance' (EU Supported), 'Related links' (API Docs, Docs, Terms), and 'Summary'. The 'Summary' section describes the service as a fully managed private registry for Docker images. The 'Features' section highlights three key capabilities: highly available and scalable private registry, image security compliance with Vulnerability Advisor, and quota limits for storage and pull traffic.

Container Registry

Author: IBM • Docs • API docs

Compliance
EU Supported

Related links
[API Docs](#)
[Docs](#)
[Terms](#)

Summary

Manage Docker container images in a fully managed private registry. Push private images into this registry to run them in IBM Cloud Kubernetes Service and other runtime environments. Images are checked for security issues, so that you can make informed decisions about your deployments.

Features

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.

This screenshot shows the IBM Cloud Container Registry 'quick start' page. The browser's address bar displays `cloud.ibm.com/registry/start`. The page header is consistent with the previous screenshot. The left sidebar shows the 'Container Registry' menu with 'Quick start' selected. The main content area is titled 'Quick start' and includes a 'Location' dropdown set to 'Global'. A 'Welcome!' message guides the user through the initial setup steps. The 'Install, Set Up, and Log In' section provides a numbered list of instructions, each followed by a terminal command snippet. The steps include installing the IBM Cloud CLI, the Docker CLI, and the Container Registry plug-in, logging in to the IBM Cloud account, and ensuring the correct region is targeted.

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 --url https://cloud.ibm.com
```

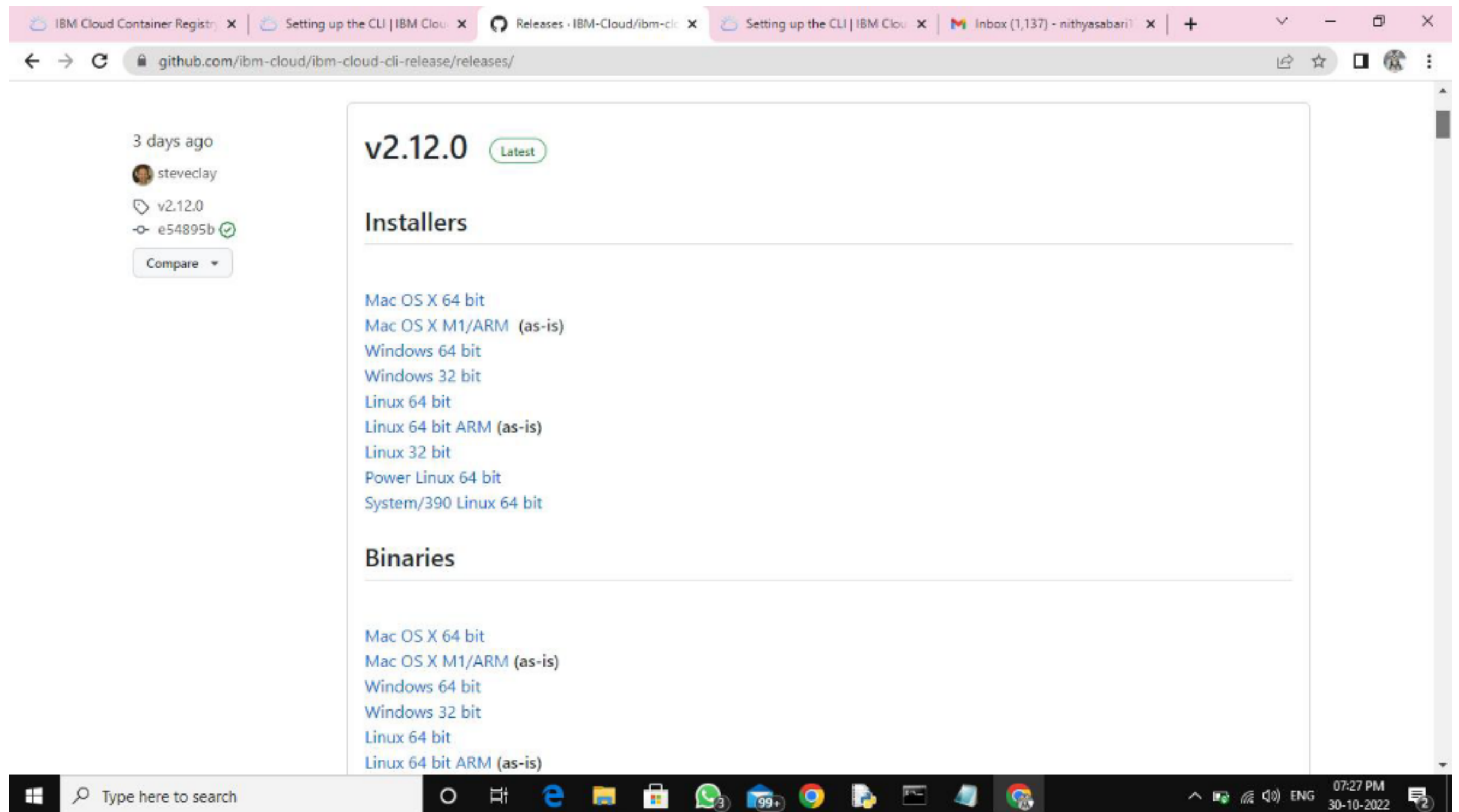
If you have a federated ID, use `ibmcloud login --sso` to log in to the IBM Cloud CLI.

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

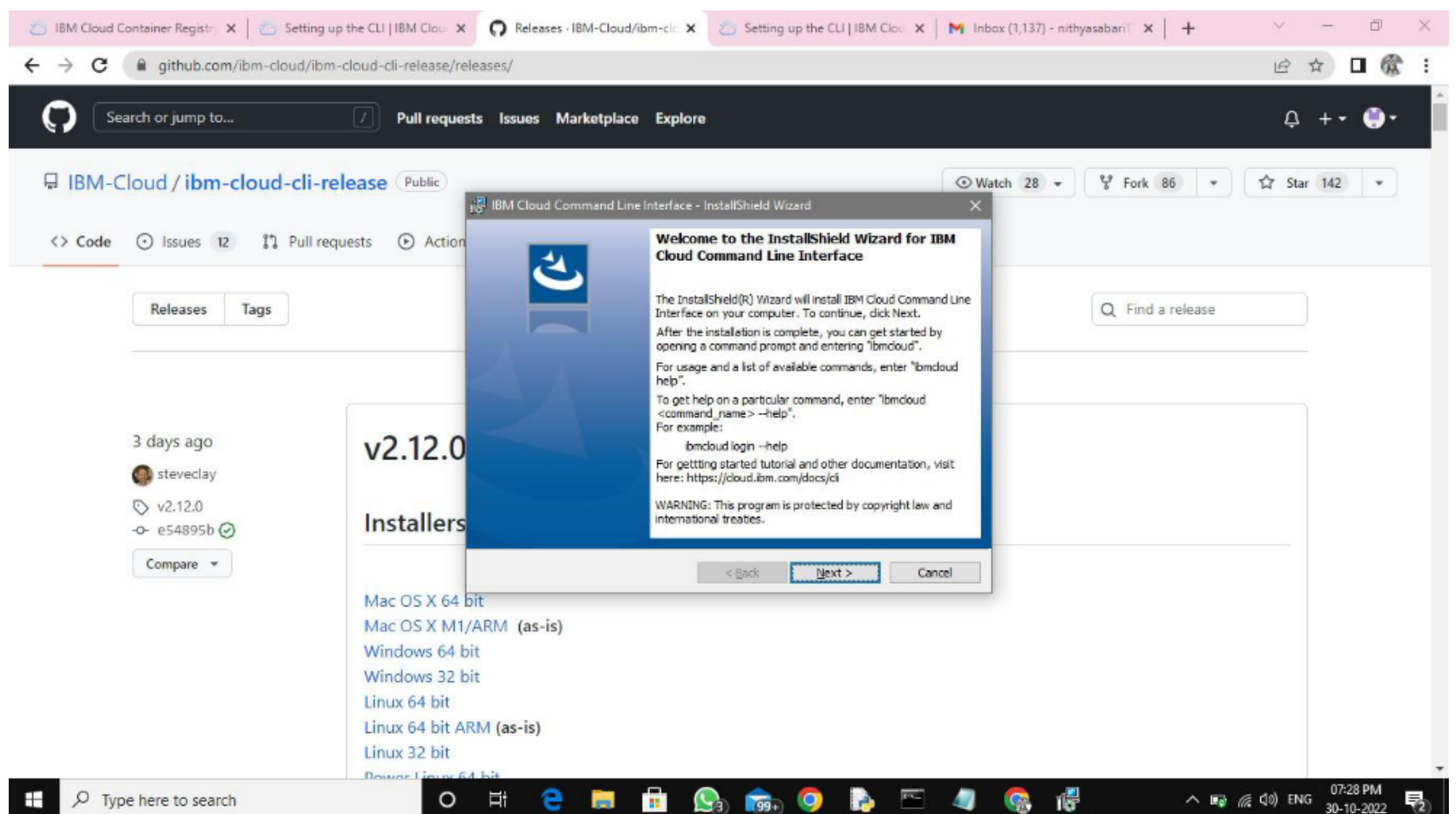
```
ibmcloud cr region-set global
```

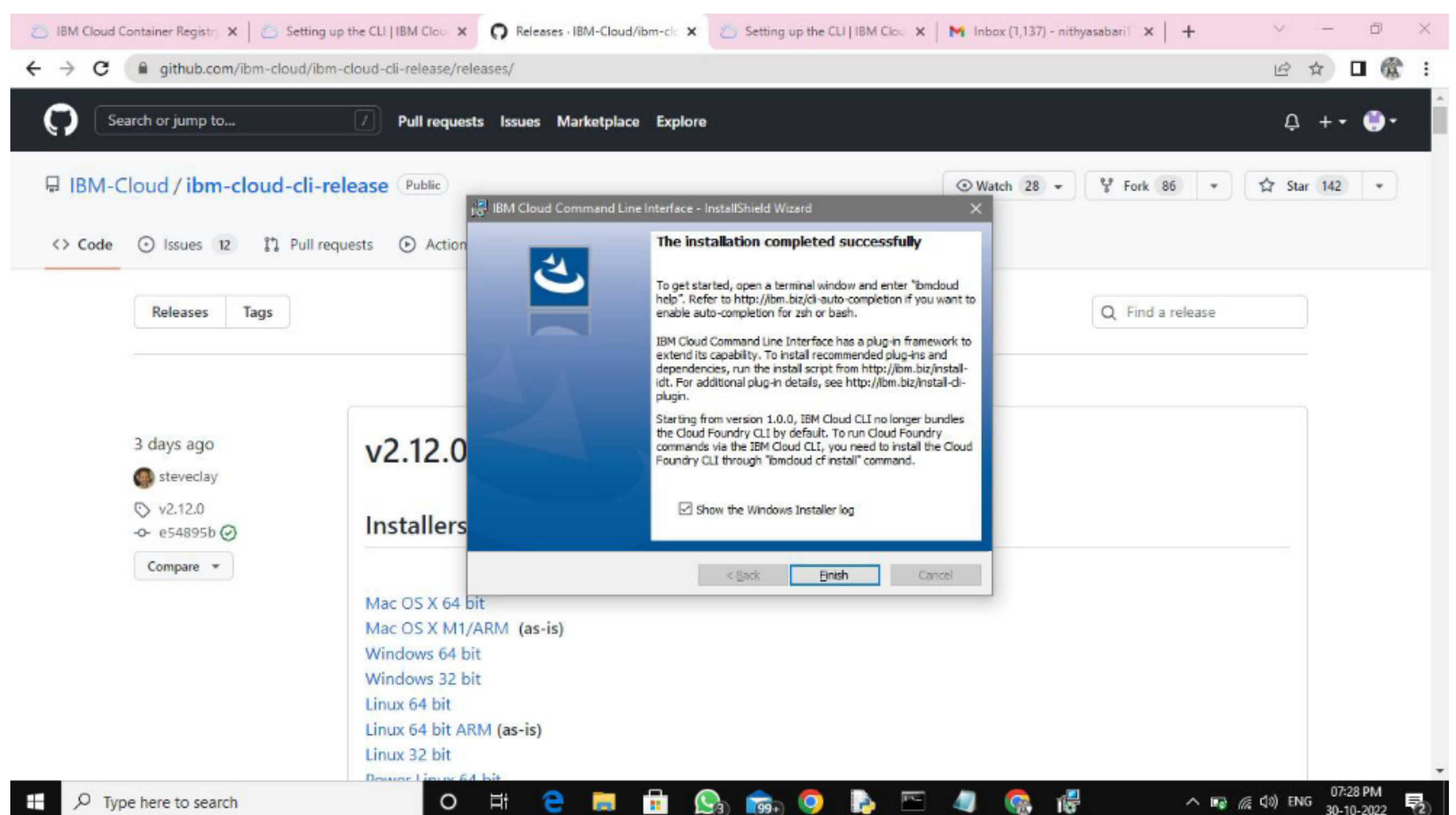
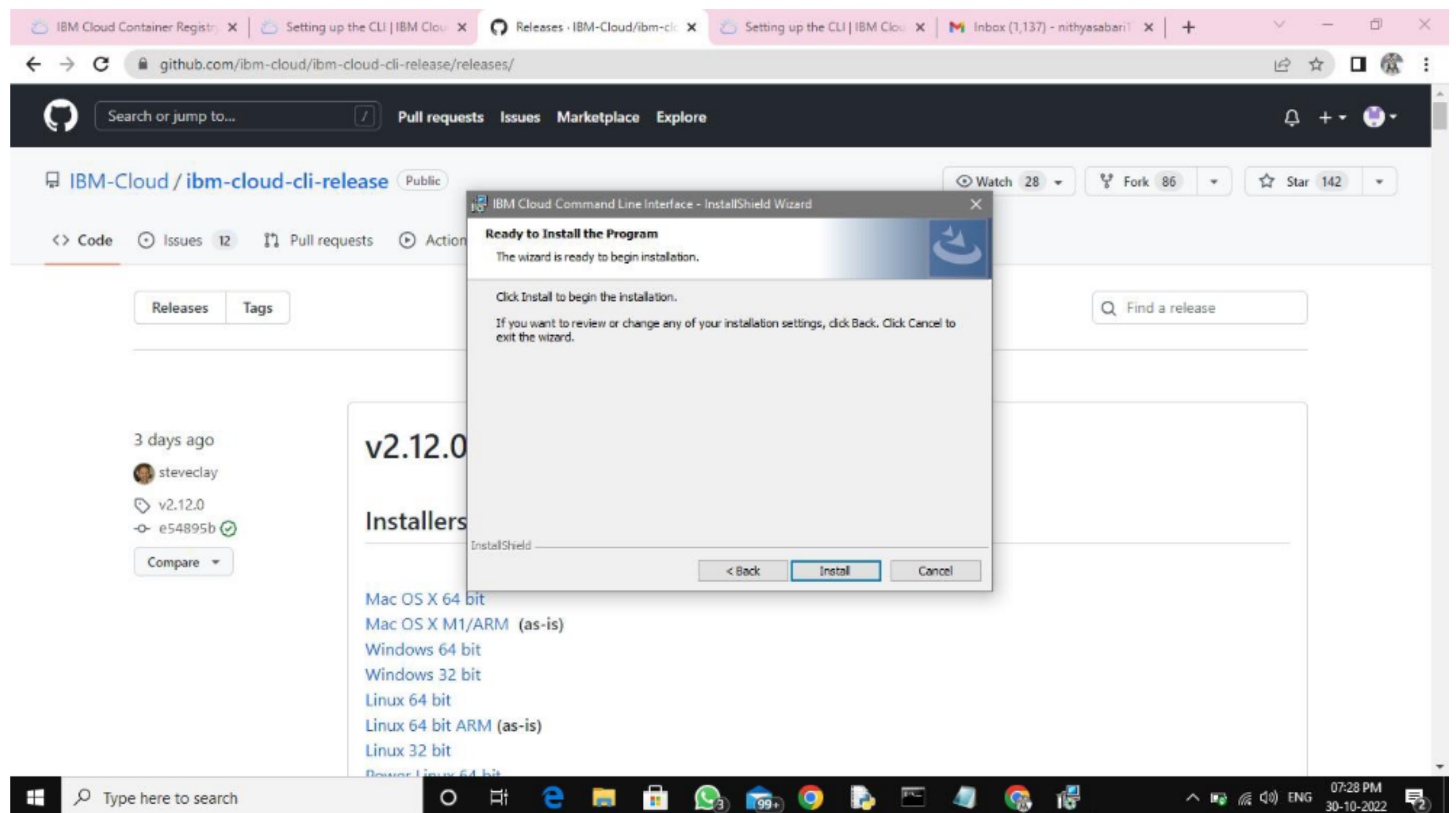
6. Choose a name for your first namespace, and create that namespace. Use this namespace for the rest

Step 3: Download windows 64 bit installer.



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





OUTPUT: IBM Cloud CLI is installed successfully