

## Setting Up Application Environment

### Install IBM cloud CLI

Team ID	PNT2022TMID07612
Project Name	Plasma donor application

Step 1: Navigate to [cloud.ibm.com](https://cloud.ibm.com)

The screenshot shows the IBM Cloud dashboard interface. At the top, there's a navigation bar with 'IBM Cloud' and a search bar. Below the navigation bar, the dashboard has a title 'Dashboard' and a sidebar with various icons. The main area displays several service cards:

- Build**: Explore IBM Cloud with this selection of easy starter tutorials and services. Includes a 'Getting started' button.
- Monitor your resources**: Get visibility into the performance and health of your resources. Includes a 'Getting started' button.
- Set up your IBM Cloud account**: Learn how to set up your IBM Cloud account, manage your account settings, organize resources, and control access to those resources. Includes a 'Getting started' button.
- Get Started with the CLT**: Install the IBM Cloud™ developer tools, which include the latest IBM Cloud CLI, verify the installation, and configure the environment. Includes a 'Recommended' button.
- Use Text to Speech**: Convert written text into natural-sounding audio in a variety of languages and voices with Text to Speech. Includes a 'Popular' button.
- Get started with Watson Assistant**: Build, train, and publish conversational AI models using Watson Assistant. Includes a 'Getting started' button.

At the bottom of the dashboard, there are sections for 'User access', 'News', and 'Planned maintenance'.

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

The screenshot shows the IBM Cloud Container Registry product page. At the top, there's a navigation bar with links for Catalog, Manage, and Nithyashree K's Account, along with icons for Help, Support, and User Profile.

The main content area has a title "Container Registry" with a "View all /" link above it. Below the title, it says "Author: IBM • Docs • API docs".

On the left, there's a sidebar with links for "Compliance EU Supported", "Related links API Docs", "Docs", and "Terms".

The main content is divided into sections:

- Summary:** Describes managing Docker container images in a fully managed private registry. It mentions pushing private images into the registry to run them in IBM Cloud Kubernetes Service and other runtime environments, with security checks for deployments.
- Features:**
  - Highly available and scalable private registry:** Allows setting up your own image namespace in a multi-tenant, highly available, scalable private registry hosted by IBM. It ensures secure storage of private Docker images and sharing them with users in your IBM Cloud account.
  - Image security compliance with Vulnerability Advisor:** Benefits from automatic scanning of images in namespaces. It provides review suggestions specific to your operating system to fix potential vulnerabilities and protect your containers from being compromised.
  - Quota limits for storage and pull traffic:** Offers free storage and pull traffic until you reach the limit for your free quota. It allows setting custom quota limits for the amount of storage and pull traffic per month to avoid exceeding preferred payment levels.

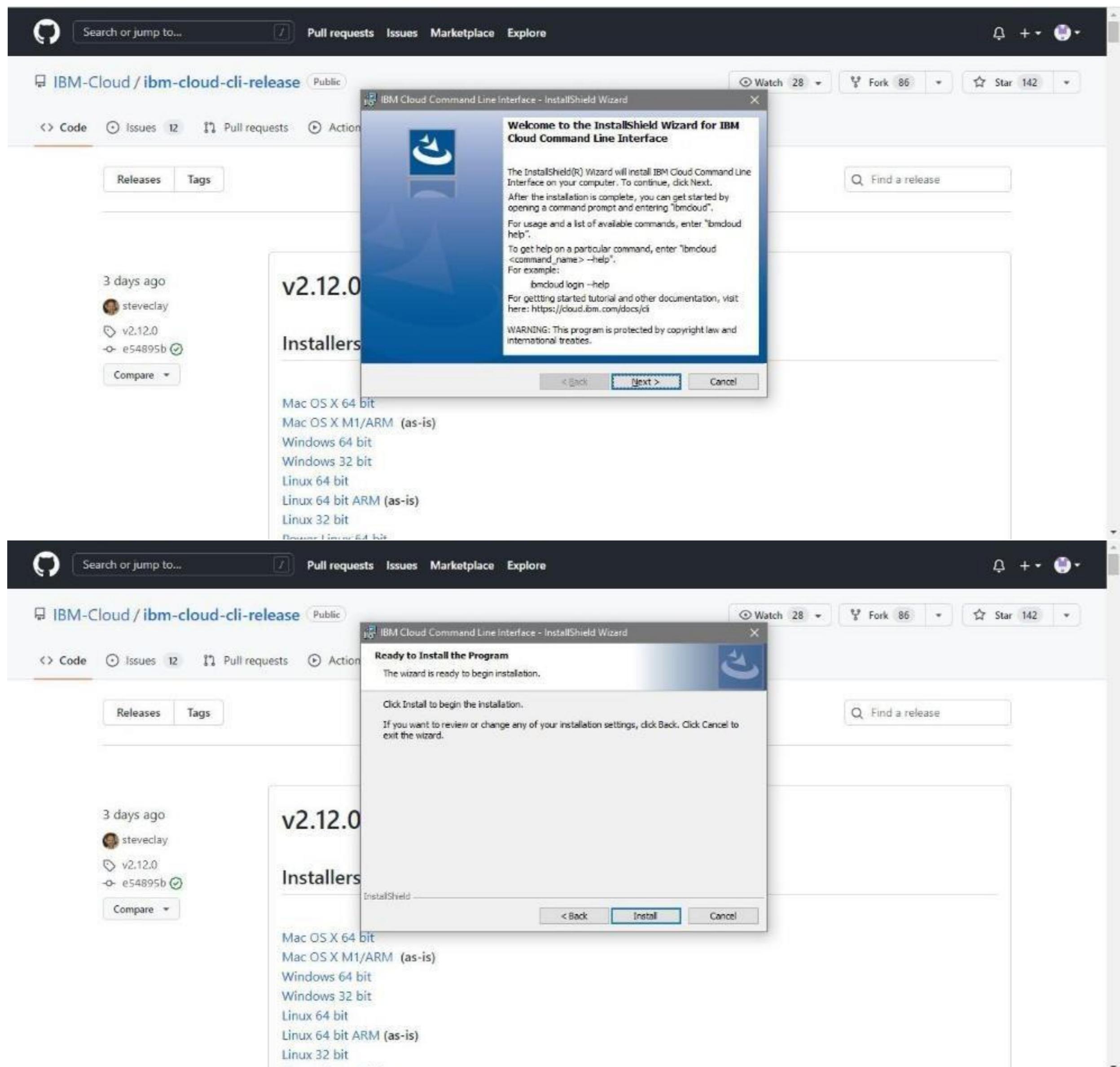
At the bottom right of the main content area, there are two buttons: "Estimate costs" and a blue "Get started" button.

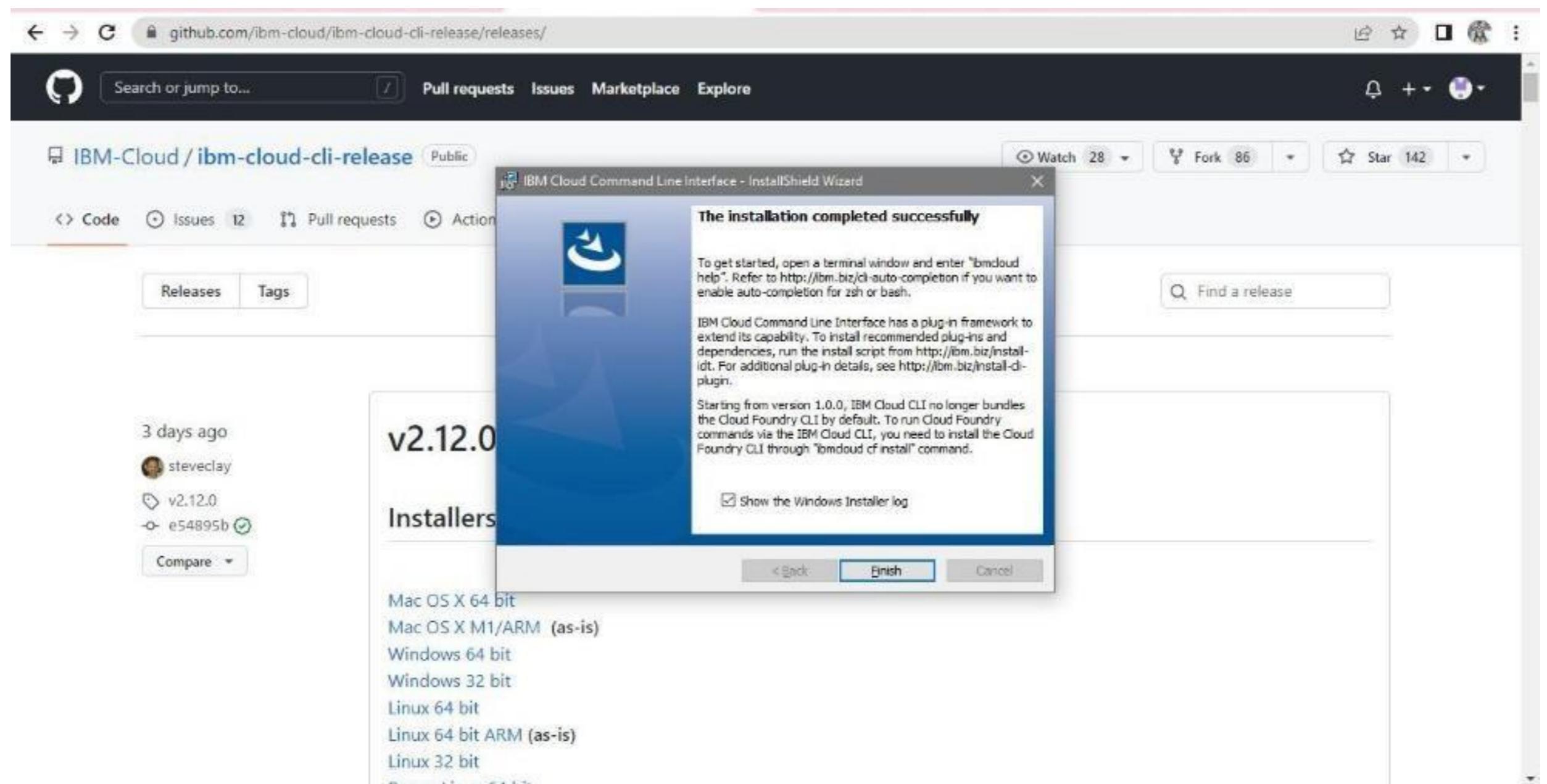
The screenshot shows the 'Quick start' section of the IBM Cloud Container Registry. On the left, a sidebar lists 'Container Registry' features: 'Quick start' (selected), 'Namespaces' (0), 'Repositories' (0), 'Images' (0), 'Trash' (0), and 'Settings'. The main area has a 'Location' dropdown set to 'Global'. A 'Welcome!' message encourages users to install the needed CLIs and set up their first private registry namespace. Step 1: 'Install the IBM Cloud CLI.' Step 2: 'Install the Docker CLI.' Step 3: 'Install the Container Registry plug-in.' Step 4: 'Log in to your IBM Cloud account.' Step 5: 'Ensure that you're targeting the correct IBM Cloud Container Registry region.' Step 6: 'Choose a name for your first namespace, and create that namespace. Use this namespace for the rest.' Command-line snippets are provided for each step.

### Step 3: Download windows 64 bit installer.

This screenshot shows the 'v2.12.0' release page. It includes a sidebar with the author's profile ('steveclay'), the release date ('3 days ago'), and the commit hash ('e54895b'). The main content is organized into two sections: 'Installers' and 'Binaries'. The 'Installers' section lists download links for 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, and System/390 Linux 64 bit. The 'Binaries' section lists download links for Mac OS X 64 bit, Mac OS X M1/ARM (as-is), Windows 64 bit, Windows 32 bit, Linux 64 bit, and Linux 64 bit ARM (as-is).

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





OUTPUT: IBM Cloud CLI is installed successfully