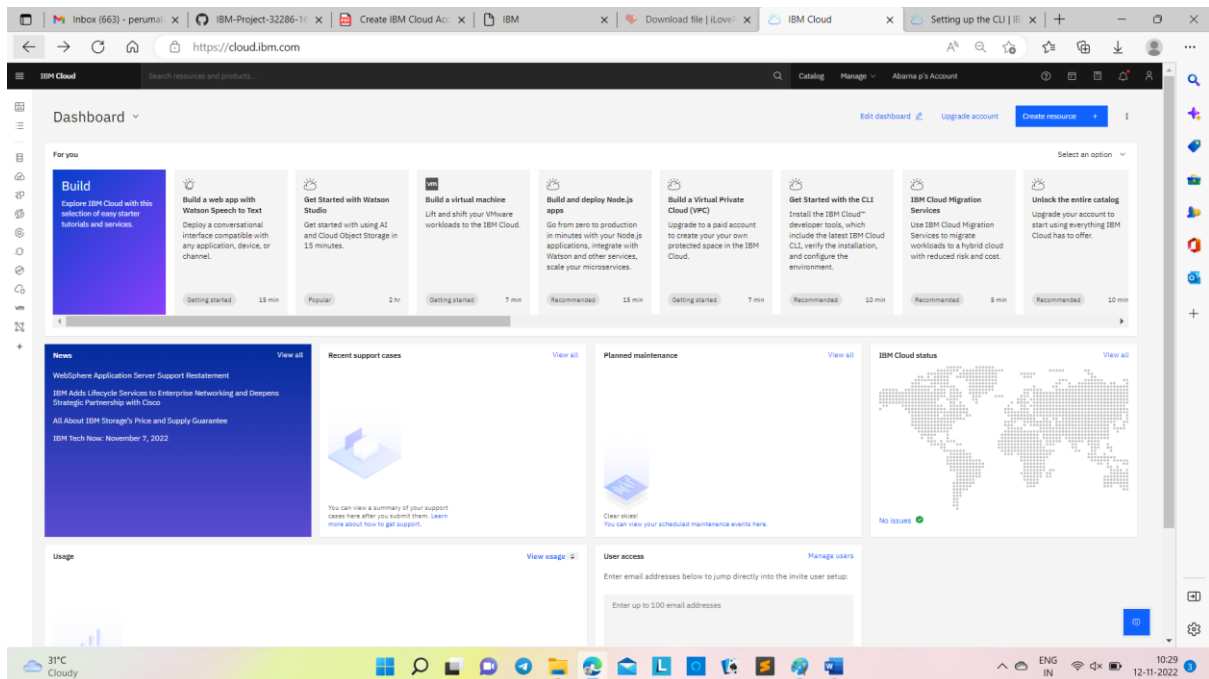


Setting up Application Environment

IBM Cloud CLI Installation

Date	12 November 2022
Team ID	PNT2022TMID33759
Project name	Customer Care Registry

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 catalog page. The browser tabs include 'Inbox (563) - perumai', 'IBM-Project-32285-1', 'Create IBM Cloud Acc...', 'IBM', 'Download file | iLove...', 'Container Registry - li', and 'Setting up the CLI | li'. The URL is 'https://cloud.ibm.com/registry/catalog'. The page features a sidebar with 'Container Registry' and 'Author: IBM' with links to 'Docs' and 'API docs'. The main content area includes a 'Summary' section, a 'Features' section, and a 'Pricing plans' table.

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.

Pricing plans

Plan	Features	Pricing
Lite	Free Plan with limited resources Storage (Gigabyte-Months) - 0.5 GB free per month Pull traffic (Gigabytes) - 5 GB free per month	Free
Container Registry	Namespaces for Container Registry	Free
Standard	Pull traffic (Gigabytes) - 5 GB free per month Storage (Gigabyte-Months) - 0.5 GB free per month The plan provides a free tier and unlimited use at a cost. You can set limits to manage your costs.	\$0.08 / Gigabyte pull traffic \$0.05 / Gigabyte-Month storage

The screenshot shows the IBM Cloud Container Registry 'Quick start' page. The browser tabs include 'Inbox (563) - perumai', 'IBM-Project-32285-1', 'Create IBM Cloud Acc...', 'IBM', 'Download file | iLove...', 'IBM Cloud Container', and 'Setting up the CLI | li'. The URL is 'https://cloud.ibm.com/registry/start'. The page features a sidebar with 'Container Registry' and 'Quick start' selected. The main content area includes a 'Quick start' section with a 'Location' dropdown set to 'Global', a 'Welcome!' message, and a list of steps to install, set up, and log in to the IBM Cloud CLI.

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 plugin.

```
ibmcloud plugin install container-registry --c 'IBM Cloud'
```

4. Log in to your IBM Cloud account.

```
ibmcloud login --s 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

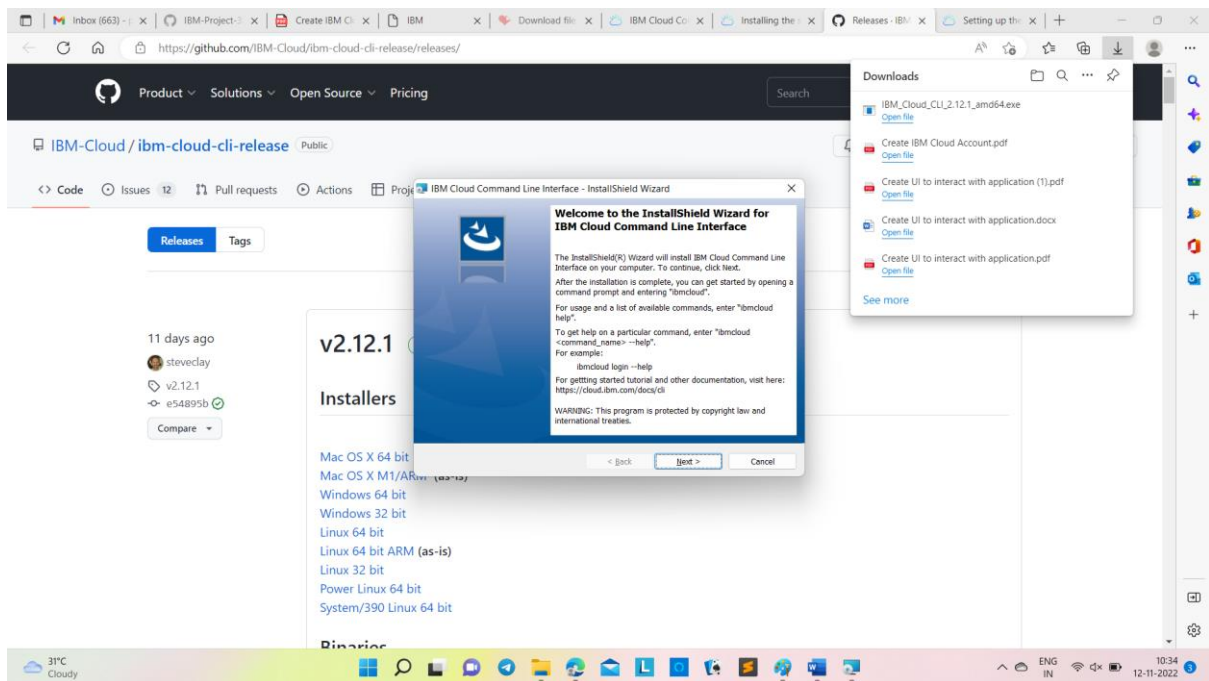
1. Log your local Docker daemon into the IBM Cloud Container Registry.

```
ibmcloud cr login
```

2. Pull a test image from Docker Hub.

```
docker pull hello-world
```

Step 3: Download windows 64 bit installer



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

