

# CLOUD CLI INSTALLATION

Project Name	Project - Plasma Donor App
Team ID	PNT2022TMID23196
Team Leader	S.SNEHA
Team Member 1	M.Susanthika
Team Member 2	G.S.Urmikha
Team Member 3	R.Sruthi

## Step 1: Getting started into Installation of IBM Cloud CLI

The screenshot shows the IBM Cloud CLI documentation page. The main heading is "Getting started with the IBM Cloud CLI". Below the heading, it states: "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." It then lists the tools that can be installed manually: 

- [GLI](#)
- [Docker](#)
- [Helm](#)
- [Kubernetes](#)
- [cows](#) (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](#)

 A tip box suggests: "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](#)." The "Before you begin" section mentions that access to certain resources might be limited or constrained depending on the IBM Cloud account type and plan limits. The page also features a sidebar with navigation links and 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".

## Step 2: Opened container registry in IBM account

cloud.ibm.com/registry/catalog

IBM Cloud

Search resources and products...

Container Registry

Author: IBM • Docs • API docs

Estimate costs

Get started

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.

### Pricing plans

Plan	Features	Pricing
Lite	Free Plan with limited resources Storage (Gigabyte-Months) - 0.5 GB free per month	Free

cloud.ibm.com/registry/start

IBM Cloud

Search resources and products...

Container Registry

Quick start

Namespaces 0

Repositories 0

Images 0

Trash 0

Settings

### 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 -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.

### Step 3 : Successfully enrolled Cloud CLI

