

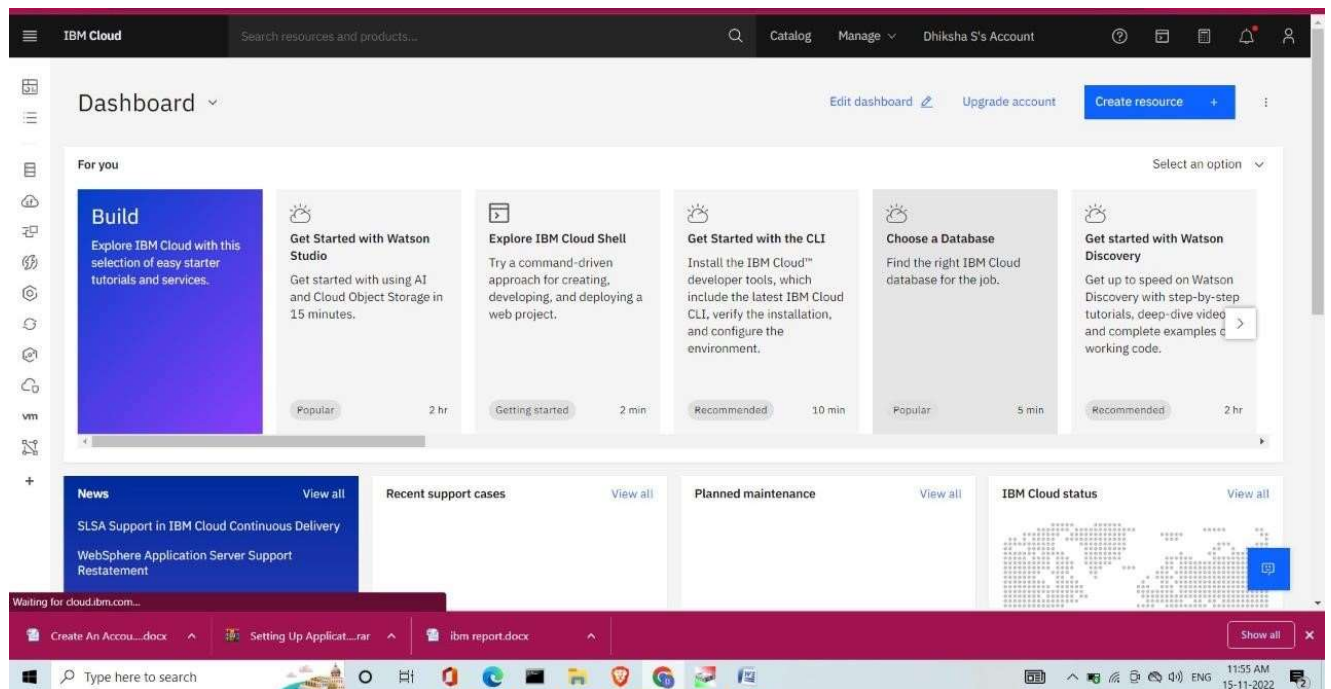
Setting up Application Environment

IBM Cloud CLI Installation

Team ID	PNT2022TMID02676
Project Name	Inventory Management System for Retailers

STEP 1:

Login to IBM Cloud account.



STEP 2:

Search for Container Registry in search bar and go to container registry service.

The screenshot shows the IBM Cloud interface for the Container Registry service. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account. Below the navigation bar, the page title "Container Registry" is displayed, along with "Author: IBM" and links to "Docs" and "API docs". There are two buttons: "Estimate costs" and "Get started".

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 <small>Storage (2GB quota, Monthly)... 0.5 GB free per month</small>	Free

STEP 3:

Download IBM Cloud CLI Setup from Container Registry Page.

Container Registry

Quick start

Namespaces

Repositories

Images

Trash

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 --i '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

STEP 4:

Install IBM Cloud CLI Setup



STEP 5:

Finally IBM Cloud CLI is installed on your PC/Laptop.

