Setting up Application Environment Install

Install Docker File

Team ID	PNT2022TMID02590
Project Name	News Tracker Application

Step 1. Navigate to cloud.ibm.com
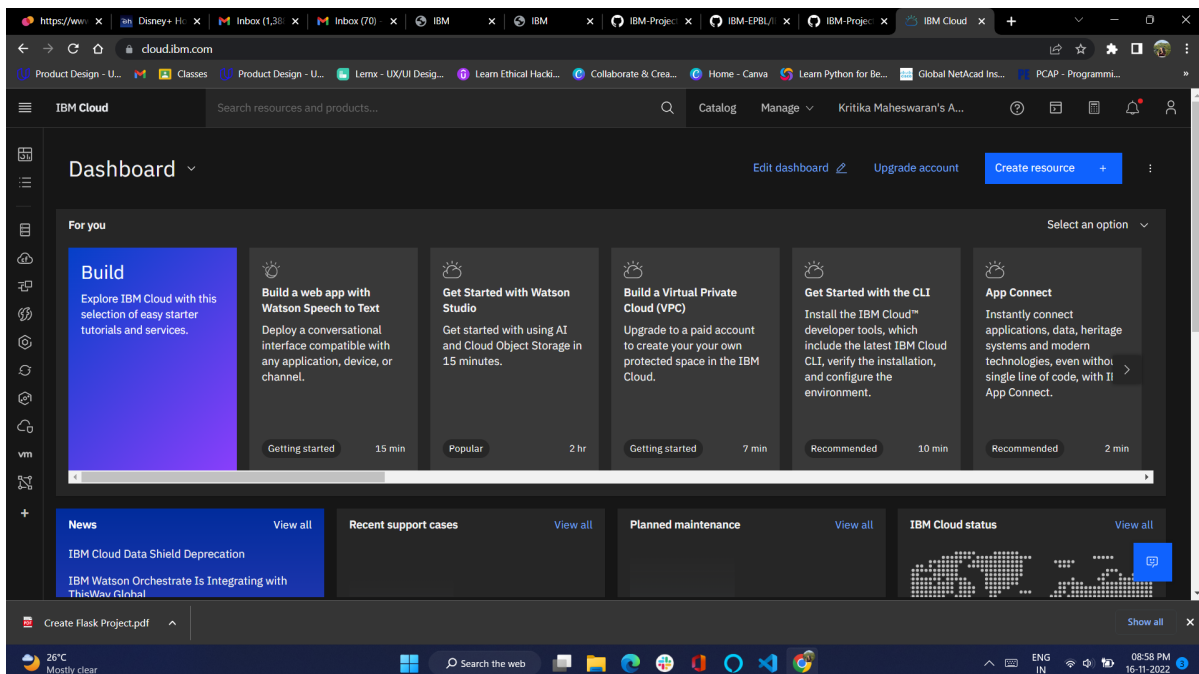
Step 2. Search on Container Registry and give get started and follow the steps to install IBM Cloud CLI

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.

Create Flask Project.pdf

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'
```
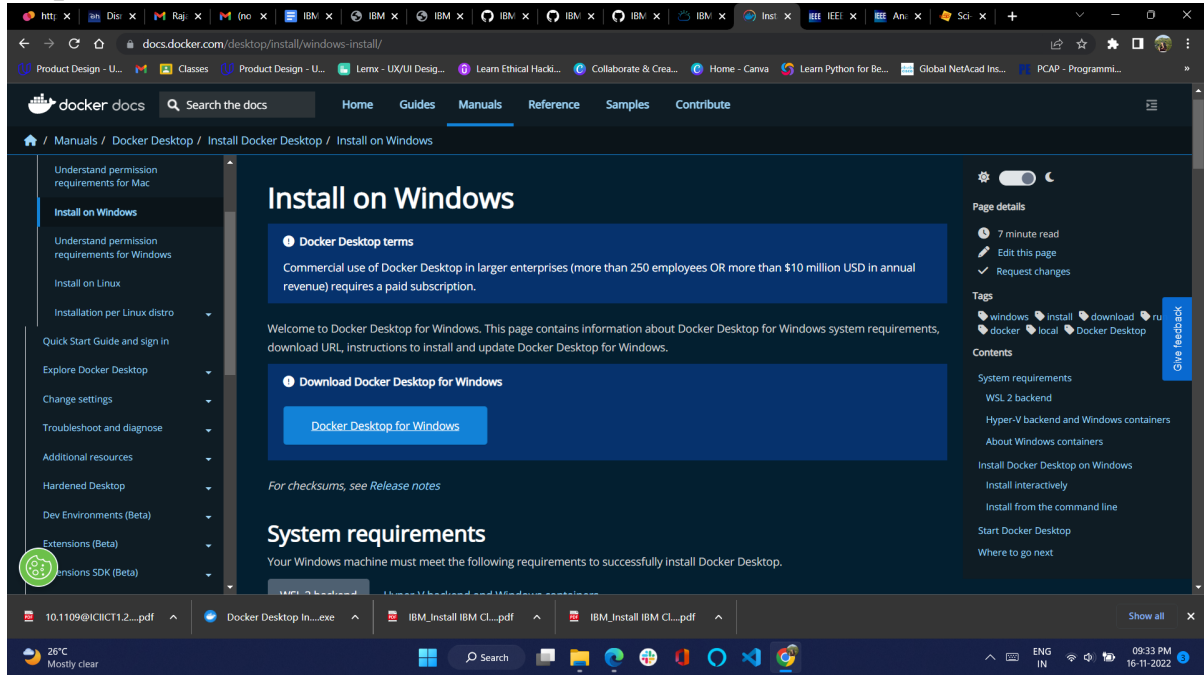
4. Log in to your IBM Cloud account.
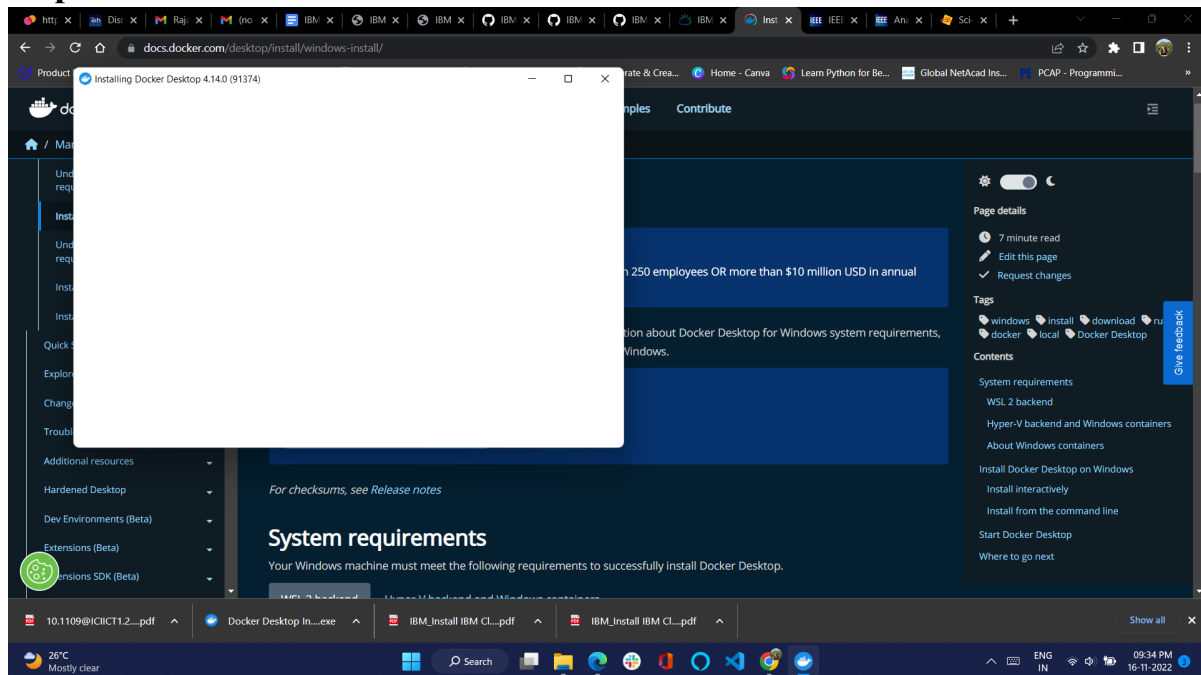
```
ibmcloud login -a https://cloud.ibm.com
```
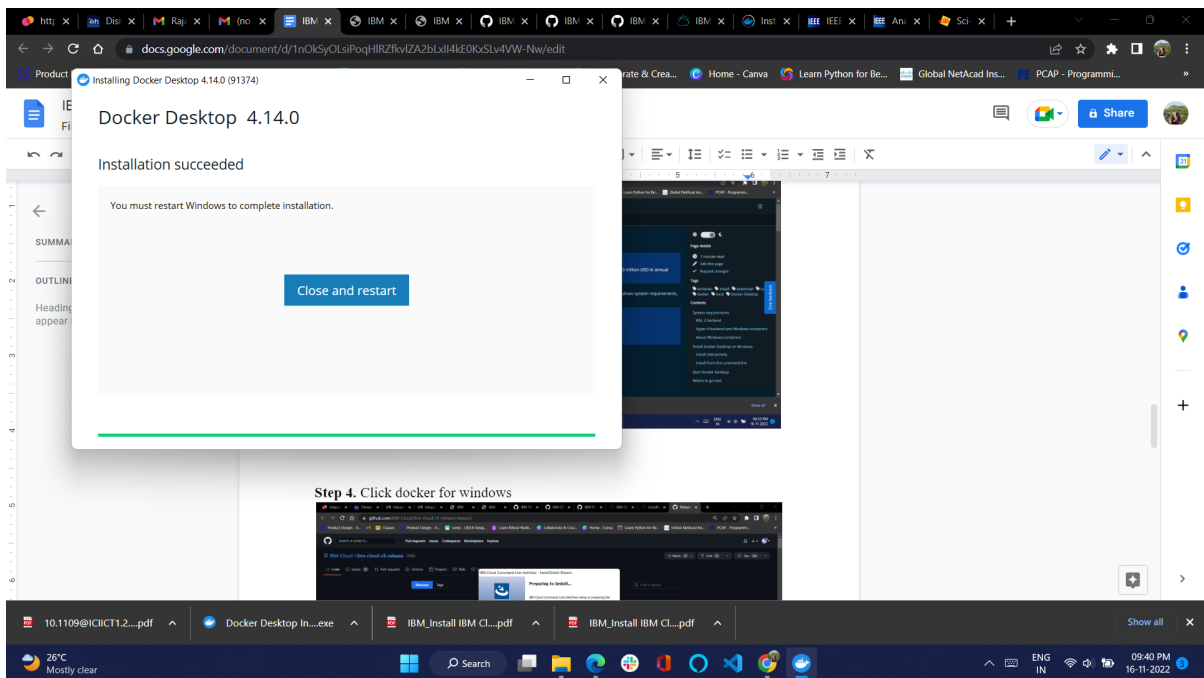
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Step 3.click install the docker CIL

Step 4. Click docker for windows

Installing Docker Desktop 4.14.0 (91374)

Docker Desktop 4.14.0

Unpacking files...

Unpacking file: frontend/resources/app.asar.unpacked/node_modules/node-pty/build/Release/obj/conpty/cc
Unpacking file: frontend/resources/app.asar.unpacked/node_modules/node-pty/build/Release/obj/conpty/cc
Unpacking file: frontend/resources/app.asar.unpacked/node_modules/node-pty/build/Release/conpty_consc
Unpacking file: frontend/resources/app.asar.unpacked/node_modules/node-pty/build/Release/conpty_consc
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Unpacking file: frontend/resources/app.asar.unpacked/node_modules/node-pty/build/Release/conpty_consc
Unpacking file: frontend/resources/app.asar.unpacked/node_modules/node-pty/build/Release/conpty.node
Unpacking file: frontend/resources/app.asar.unpacked/node_modules/node-pty/build/Release/conpty.lib
Unpacking file: frontend/resources/app.asar.unpacked/node_modules/node-pty/build/Release/conpty.ipdb
Unpacking file: frontend/resources/app.asar.unpacked/node_modules/node-pty/build/Release/conpty.iobj
Unpacking file: frontend/resources/app.asar.unpacked/node_modules/node-pty/build/Release/conpty.exp
Unpacking file: frontend/resources/app.asar.unpacked/node_modules/node-pty/build/pty.vcxproj.filters
Unpacking file: frontend/resources/app.asar.unpacked/node_modules/node-pty/build/pty.vcxproj

System requirements

Your Windows machine must meet the following requirements to successfully install Docker Desktop.

Installing Docker Desktop 4.14.0 (91374)

Docker Desktop 4.14.0

Installation succeeded

You must restart Windows to complete installation.

[Close and restart]

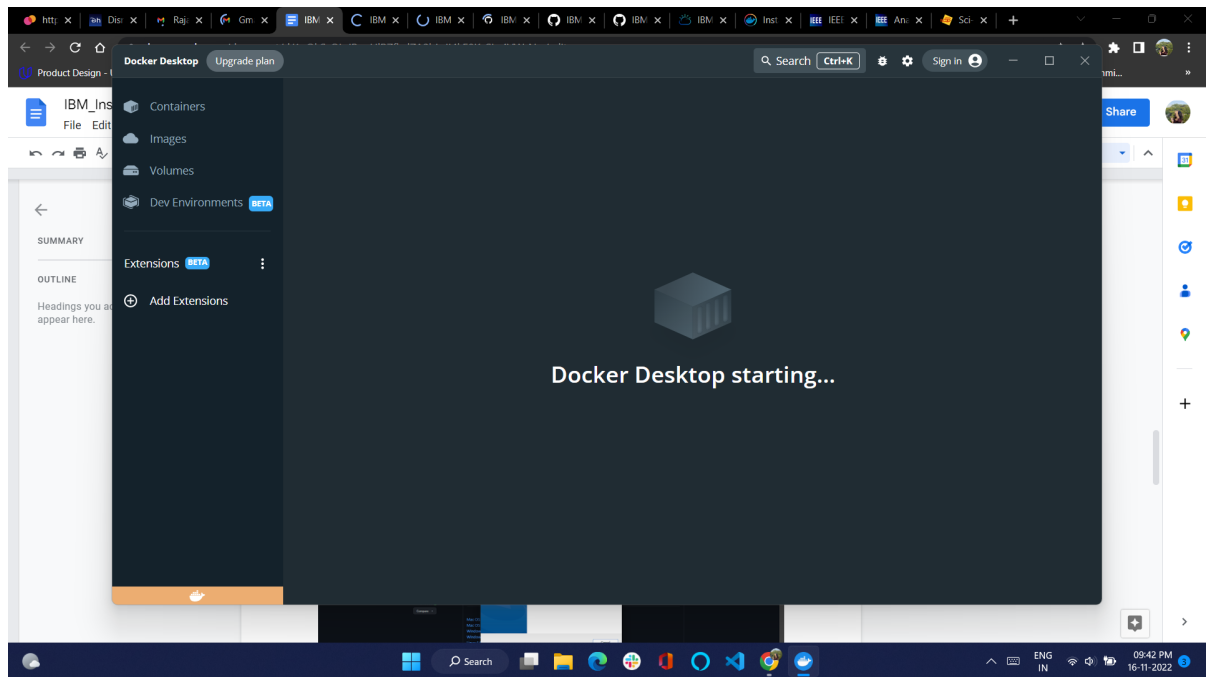**Step 4.** Click docker for windows

OUTPUT:

IBM Cloud CLI is installed successfully