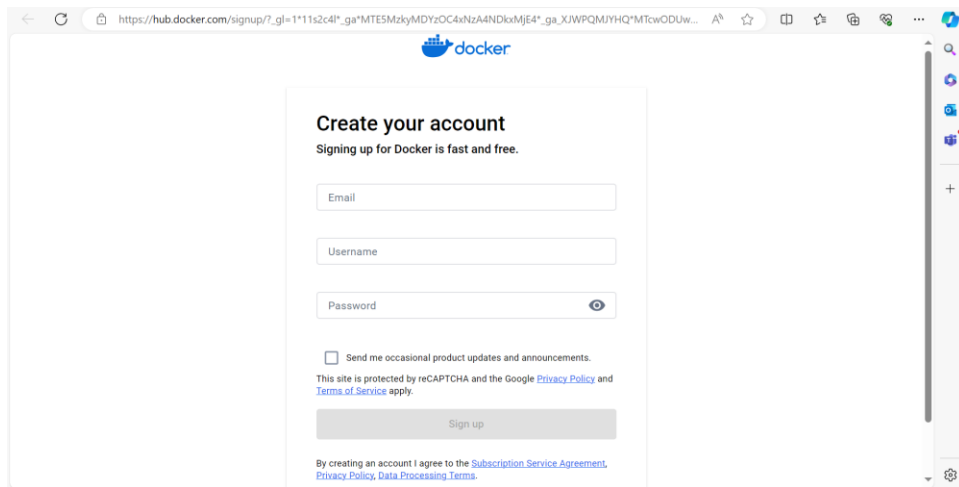


DOCKER

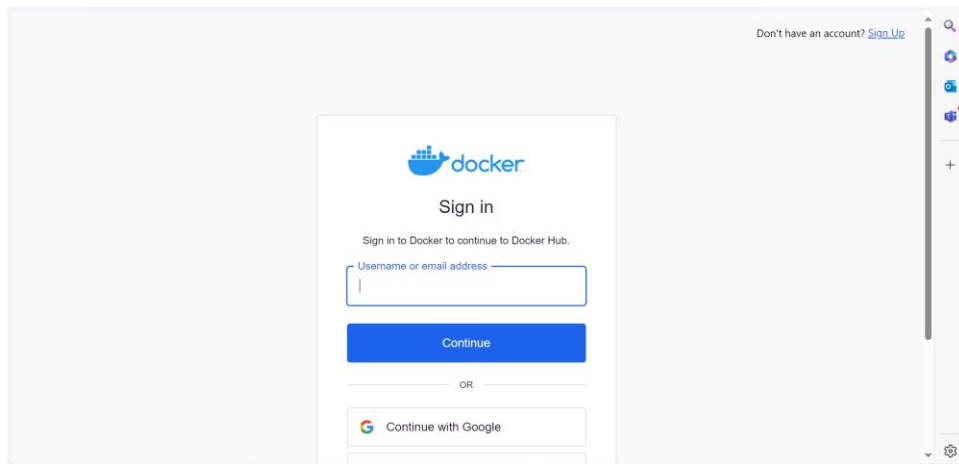
Name: HARSHAVARTTHAN A

- 1) First we want to create account for Docker



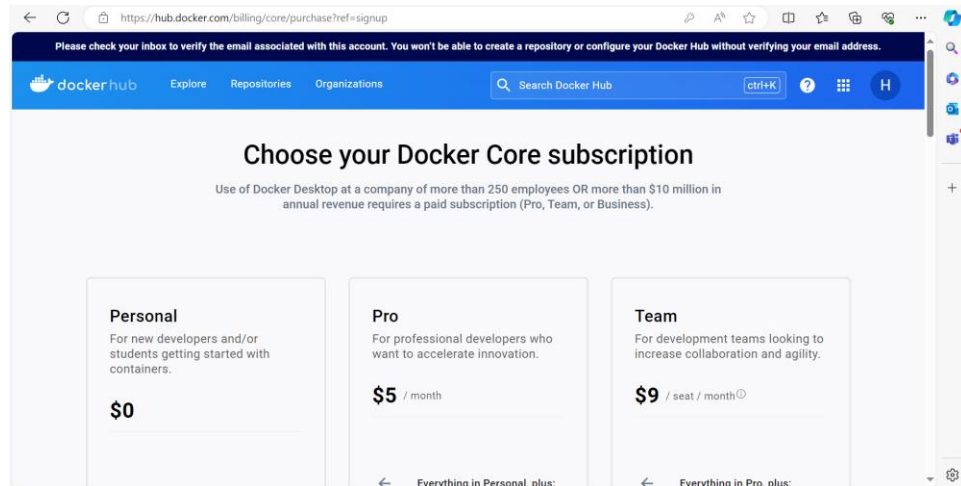
The screenshot shows the Docker Hub 'Create your account' page. The URL in the browser is https://hub.docker.com/signup/?gl=1*11s2c4l*_ga*MTESMzkyMDYzOC4xNzA4NDkxMjE4*_ga_XUWPQMjYHQ*MTcwODUw.... The page features the Docker logo at the top. Below it, the heading 'Create your account' is followed by the text 'Signing up for Docker is fast and free.' There are three input fields: 'Email', 'Username', and 'Password' (with a toggle for visibility). Below these fields is a checkbox labeled 'Send me occasional product updates and announcements.' and a note: 'This site is protected by reCAPTCHA and the Google [Privacy Policy](#) and [Terms of Service](#) apply.' A 'Sign up' button is positioned below the checkbox. At the bottom, a disclaimer states: 'By creating an account I agree to the [Subscription Service Agreement](#), [Privacy Policy](#), [Data Processing Terms](#).'

- 2) Then Sign in with our email address

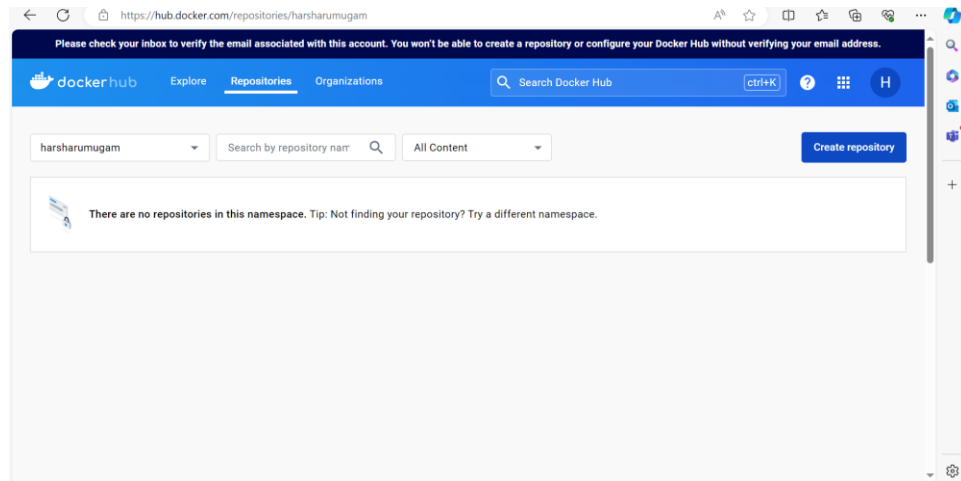


The screenshot shows the Docker Hub 'Sign in' page. The URL in the browser is https://hub.docker.com/login/?gl=1*11s2c4l*_ga*MTESMzkyMDYzOC4xNzA4NDkxMjE4*_ga_XUWPQMjYHQ*MTcwODUw.... The page features the Docker logo at the top. Below it, the heading 'Sign in' is followed by the text 'Sign in to Docker to continue to Docker Hub.' There is a single input field labeled 'Username or email address'. Below this field is a blue 'Continue' button. Below the 'Continue' button is a horizontal line with the text 'OR' in the center. Below the line is a button with the Google logo and the text 'Continue with Google'.

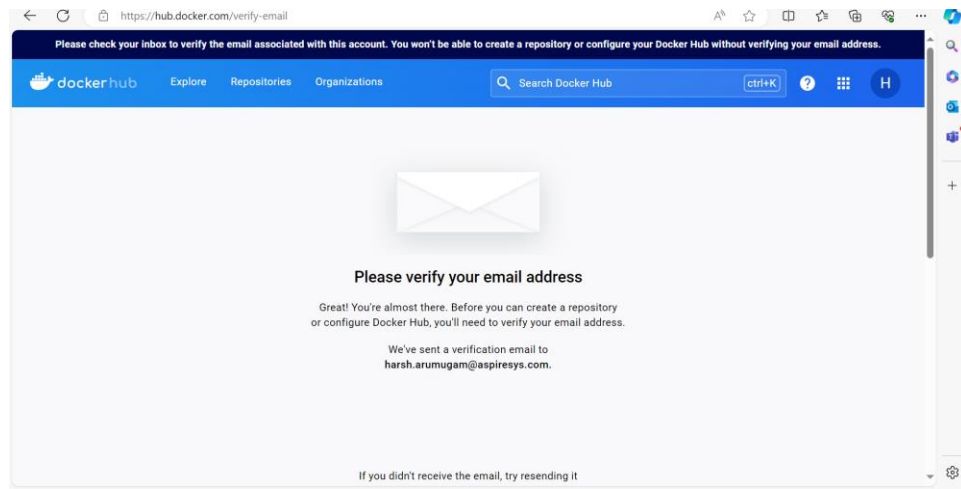
3) Then we get into our Docker page.



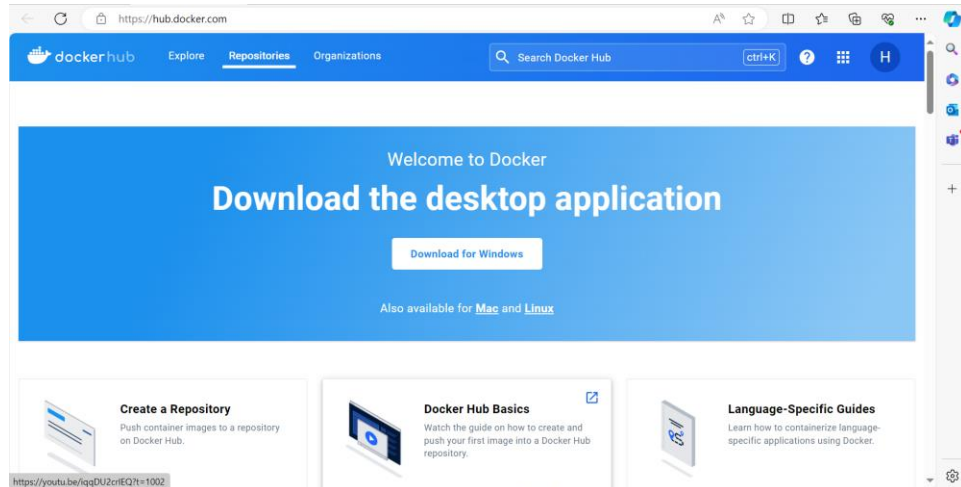
4) Just create a basic repository for that click on the Create Repository



5) And we get a verification mail



6) After we accepting we can get into our Docker page once again



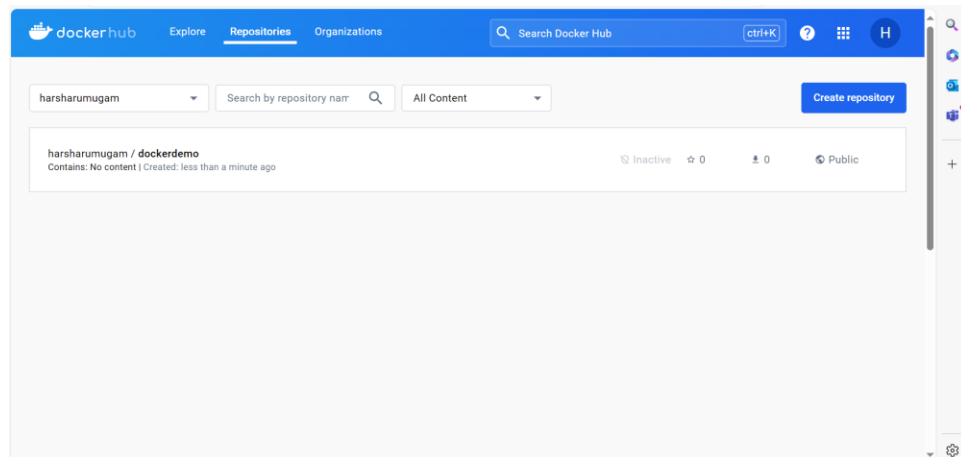
7) Now create a new repository and fill the details and click create

The screenshot shows the Docker Hub 'Create repository' page. The URL in the browser is <https://hub.docker.com/repository/create?namespace=harsharumugam>. The page has a blue header with 'dockerhub' and navigation links for 'Explore', 'Repositories', and 'Organizations'. A search bar is present with the text 'Search Docker Hub' and a 'ctrl+K' shortcut. Below the header, the page is titled 'Create repository'. It features a 'Namespace' dropdown set to 'harsharumugam' and a 'Repository Name' input field containing 'dockerdemo'. There is a 'Short description' text area with a placeholder icon. To the right, under 'Pushing images', there is a code block with the following commands:

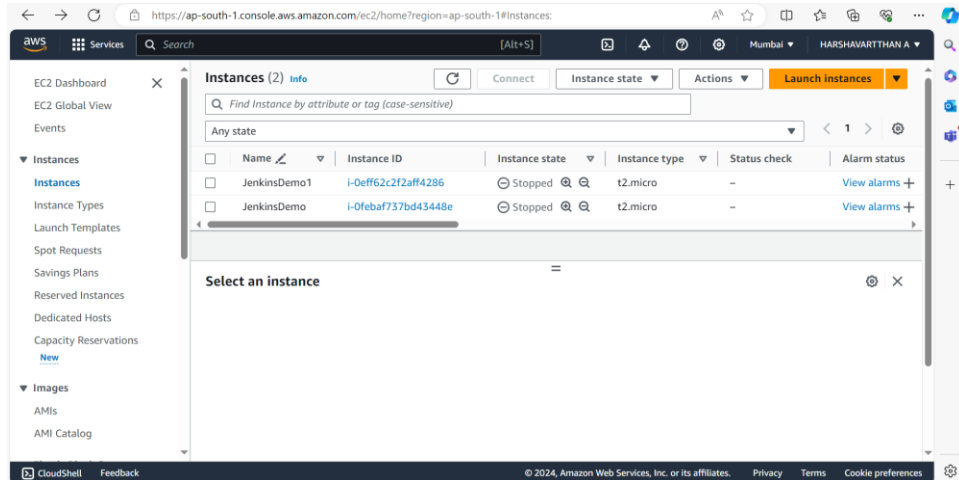
```
docker tag local-image:tagname new-repo:tagname
docker push new-repo:tagname
```

 Below this, a note says 'Make sure to replace tagname with your desired image repository tag.' At the bottom, the 'Visibility' section shows 'Public' selected (radio button) and 'Private' unselected. A 'Cancel' button is highlighted with a red box, and a 'Create' button is next to it.

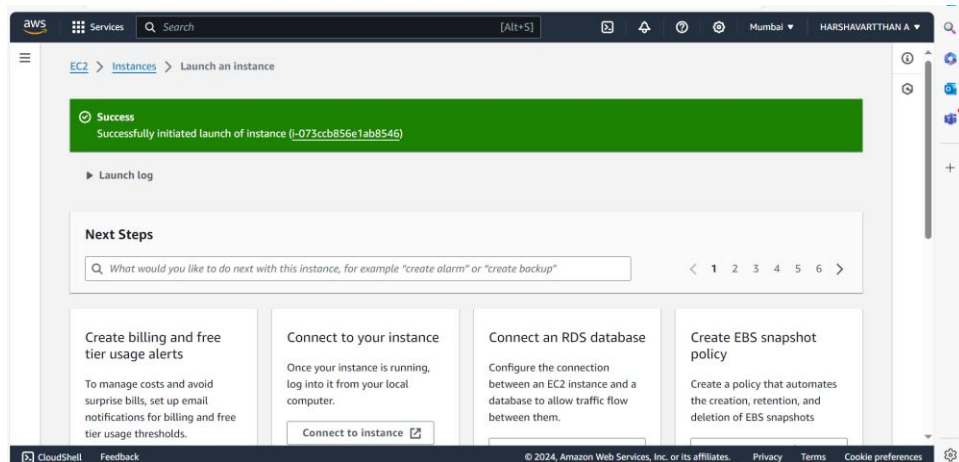
8) Now the repository is created



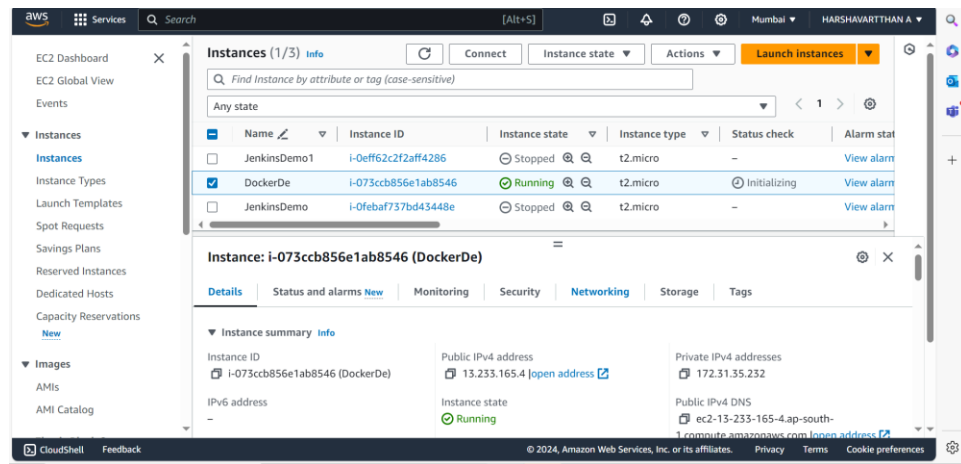
9) Now go to AWS and create a new Instance for docker



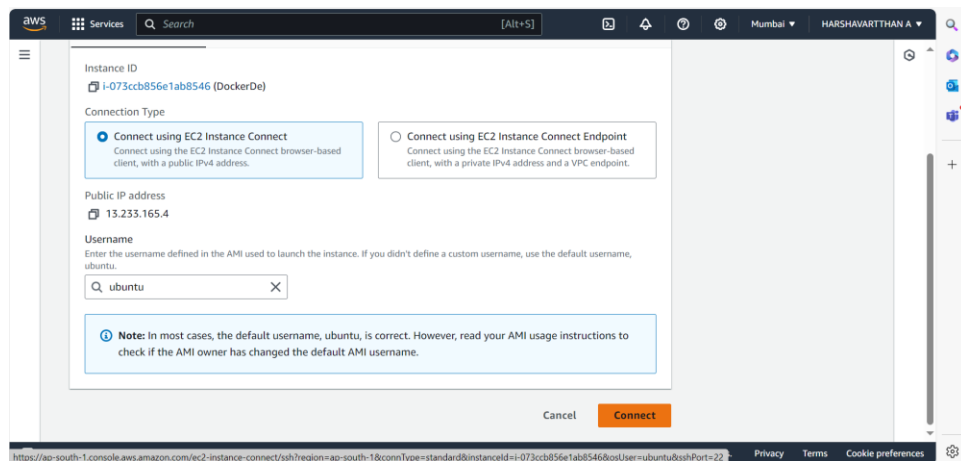
10) Here the new instance is created



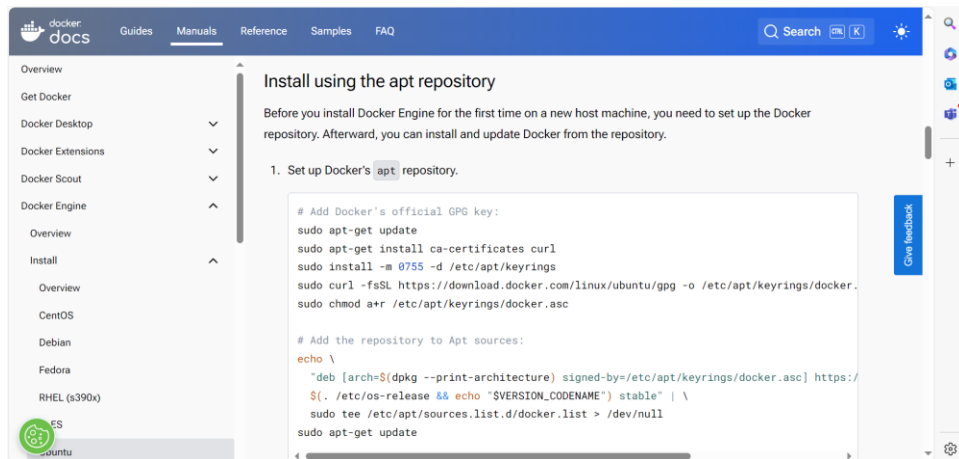
11) Now select the instance, the instance will be already in running state. Now click the connect



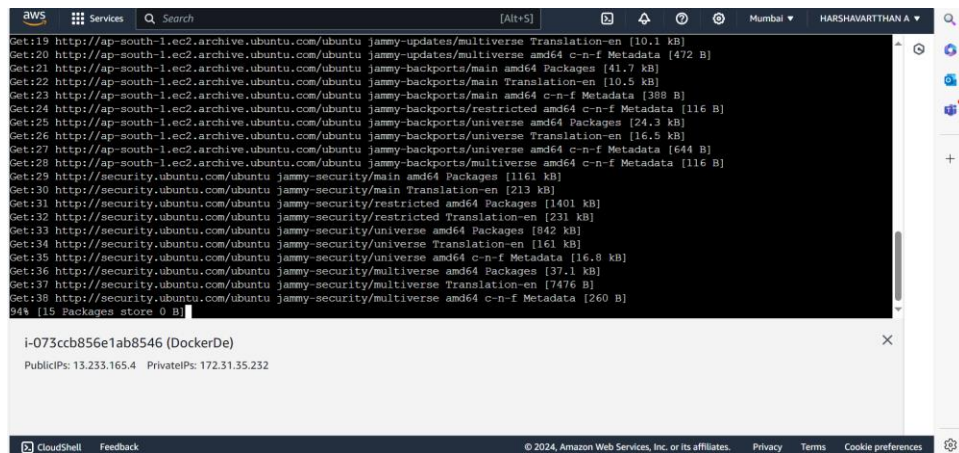
12) Here give ubuntu and click connect.



13) Now go to the docker documentation and copy the command and run individually



14) Give the command



```
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
1. The Docker client contacted the Docker daemon.
2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
   (amd64)
3. The Docker daemon created a new container from that image which runs the
   executable that produces the output you are currently reading.
4. The Docker daemon streamed that output to the Docker client, which sent it
   to your terminal.

To try something more ambitious, you can run an Ubuntu container with:
$ docker run -it ubuntu bash

Share images, automate workflows, and more with a free Docker ID:
https://hub.docker.com/

For more examples and ideas, visit:
https://docs.docker.com/get-started/

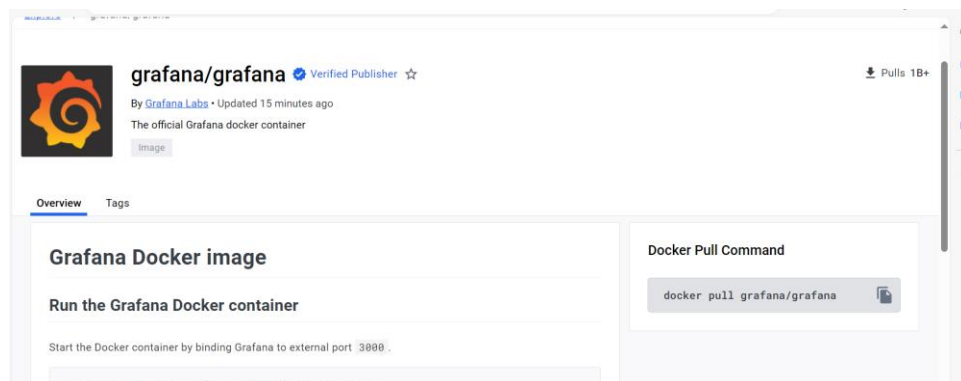
ubuntu@ip-172-31-35-232:~$
```

i-073ccb856e1ab8546 (DockerDe)

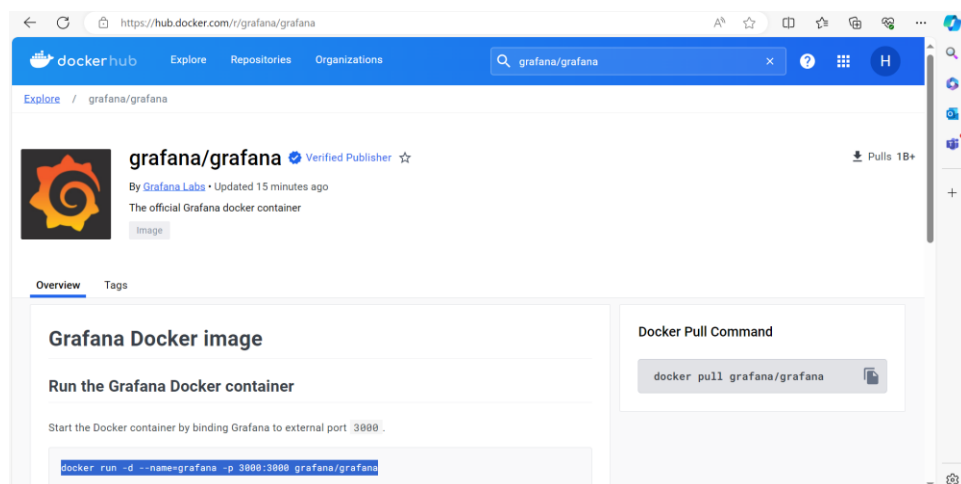
PublicIPs: 13.233.165.4 PrivateIPs: 172.31.35.232

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

15) Copy the pull command and run it.



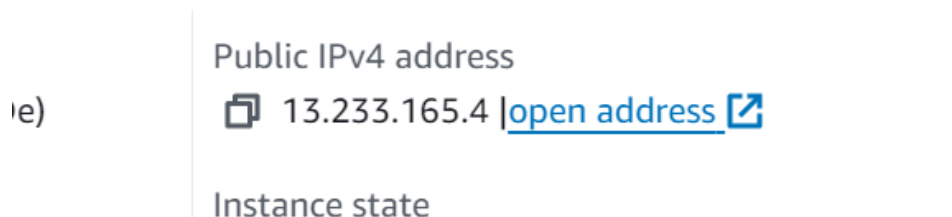
16) And then Grafana Docker image



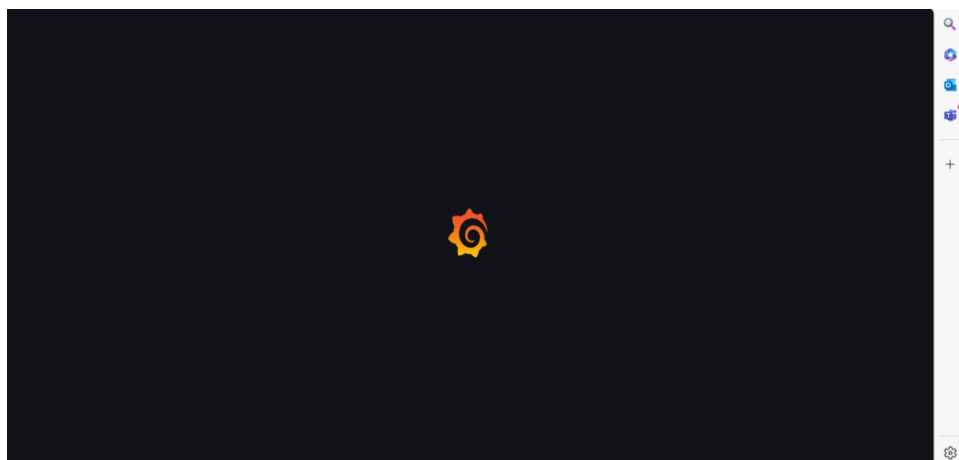
17) The Grafana Docker image code runs successfully

```
unv2@docker.sock/v1.24/containers/create/name-grafana: dial unix /var/run/docker.sock: connect: permission denied.
See 'docker run --help'.
ubuntu@ip-172-31-35-232:~$ sudo docker pull grafana/grafana
Using default tag: latest
latest: Pulling from grafana/grafana
96526aa774ef: Pull complete
af869e9f581d: Pull complete
c828b90987c8: Pull complete
6a44c390bc92: Pull complete
673b69637899: Pull complete
4fb23724bd56: Pull complete
0a6be8a05967: Pull complete
2d404d8d5de1: Extracting [=>] 983kB/47.98MB
5849c29f9be2: Download complete
5ca294d0961f: Download complete
```

18) And click the link in the AWS instance page and change the link as <http://13.233.165.4:3000>



Page is loading



19) Here is the Grafana page

