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Push Docker Image To Docker Hub

LESSON PROGRESS

33% Complete

Create a Docker Hub Account

To push our Docker image to the Docker hub, you need a Docker Hub account

Create an account in the [Docker hub](#).

Login to Docker Hub

Now, you need to login to the Docker hub using the docker CLI>

Execute the below command to log in from the terminal. It will ask for a username and password. Provide the Docker hub credentials.

```
docker login
```

```
vagrant@ubuntu-focal:~$ docker login
Login with your Docker ID to push and pull images from Docker Hub.
to create one.
Username: devopscube
Password:
WARNING! Your password will be stored unencrypted in /home/vagrant/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
vagrant@ubuntu-focal:~$
```

Tag The Image

Now we need to **tag our docker image with the docker hub username** as shown below.

```
docker tag nginx:1.0 <username>/<image-name>:tag
```

For example, here `devopscube` is the dockerhub username. You have to replace devopscube with your username.

```
docker tag nginx:1.0 devopscube/nginx:1.0
```

Run `docker images` command again and check the tagged image will be there.

```
vagrant@ubuntu-focal:~$ docker tag nginx:1.0 devopscube/nginx:1.0
vagrant@ubuntu-focal:~$ docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
devopscube/nginx    1.0                45e69895763f       32 minutes ago     166MB
nginx                1.0                45e69895763f       32 minutes ago     166MB
nginx               latest             45e69895763f       32 minutes ago     166MB
ubuntu              latest             216c552ea5ba       6 days ago         77.8MB
ubuntu              18.04             71cb16d32be4       6 days ago         63.1MB
vagrant@ubuntu-focal:~$
```

Push Image to Docker Hub

Now we can push our image to the Docker hub using the following command. Replace devopscube with your username.

```
docker push devopscube/nginx:1.0
```

Once the image is pushes and if you check the Docker Hub, you can see the pushed image.

