Placement Empowerment Program

Cloud Computing and DevOps Centre

100 Days of DevOps Challenge

Day 38 : Pull Docker Image

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Pull Docker Image

Objective :

To pull the **busybox:musl** Docker image on **App Server 3** in the Stratos DC and create a new tag for it named **busybox:blog**.

Steps Performed :

1. Access the Host Server

Log in to **App Server 3** using the provided credentials.

- **ssh banner@stapp03**

2. Pull the Required Image

Download the specific version of the image from the Docker registry.

- **docker pull busybox:musl**

3. Re-tag the Image

Create a new tag that refers to the source image you just pulled.

- **docker tag busybox:musl busybox:blog**

4. Verify the New Tag

List the local images to confirm that both the original and the new tag exist with the same Image ID.
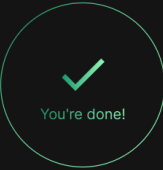
- **docker images**

End

00:09

You're done!

CONGRATULATIONS!!!!

You have successfully completed the challenge.Results have been saved. Ref ID:6809e00e83720aedcc71f42c

That might have been an easy task for you. But don't worry. Depending on the tasks you complete, you will get more difficult and advanced tasks assigned in the future.

You can also view your results in your dashboard under the "Active Practice" page.

Terminal 1

■ Stop Lab

```
thor@jumphost ~$ ssh banner@stapp03
The authenticity of host 'stapp03 (172.16.238.12)' can't be established.
ED25519 key fingerprint is SHA256:URVbDESNaJrM3MWrRvHRE3AqviTd5Hm7Dh04sj/aXNU.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])?
Host key verification failed.
thor@jumphost ~$ ssh banner@stapp03
The authenticity of host 'stapp03 (172.16.238.12)' can't be established.
ED25519 key fingerprint is SHA256:URVbDESNaJrM3MWrRvHRE3AqviTd5Hm7Dh04sj/aXNU.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'stapp03' (ED25519) to the list of known hosts.
banner@stapp03's password:
[banner@stapp03 ~]$ docker images
REPOSITORY    TAG        IMAGE ID    CREATED    SIZE
[banner@stapp03 ~]$ docker pull busybox:musl
musl: Pulling from library/busybox
5bfa213ad291: Pull complete
Digest: sha256:b259afe60d4b88dbdb31908ca9524ef5308afd01aea17f4ce44ddb3c6a882929
Status: Downloaded newer image for busybox:musl
docker.io/library/busybox:musl
[banner@stapp03 ~]$ docker images
REPOSITORY    TAG        IMAGE ID       CREATED        SIZE
busybox       musl       1e2006b46d8b   15 months ago  1.51MB
[banner@stapp03 ~]$ docker tag --help

Usage:  docker tag SOURCE_IMAGE[:TAG] TARGET_IMAGE[:TAG]

Create a tag TARGET_IMAGE that refers to SOURCE_IMAGE
```


Congrats!

You have completed the task successfully.

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40 🪙   400 💎   ◁ Share your success card