Experiment No. 3.3

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Subject Name: **DevOps Process Automation Lab**   **Subject Code:** **22CAP-745**

1. Aim/Overview of the practical:

Pulling Docker Images from Docker Hub

Code for practical:

- Login to Docker server using ssh key

ssh root@172.105.36.128

- Use command to login to docker

docker login

- To pull image from private repository, use

docker pull repo_name

docker pull rishav518/Tailblocks

```
root@ubuntu-s-1vcpu-1gb-nyc1-01:~# docker login
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head over to h
ub.docker.com to create one.
Username: arkay518
Password:
WARNING! Your password will be stored unencrypted in /root/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
root@ubuntu-s-1vcpu-1gb-nyc1-01:~# docker pull arkay518/elitetools
Using default tag: latest
latest: Pulling from arkay518/elitetools
7264a8db6415: Pull complete
33fbadb7f8c6: Pull complete
5558ef53d261: Pull complete
3ae8a7119b2e: Pull complete
342371a7ea6b: Pull complete
55df6c3a6fbc: Pull complete
dda4692507db: Downloading [=====================>              ]  170.7MB/365.2MB
c8ab81d04dc7: Download complete
```

- Image will be pulled to server in moments.

- To pull any public reposiroty, use following commands

docker pull nginx [for nginx server]

docker pull python:3.1 [for python with version 3.1]

docker pull alpine [for alpine server]

```
root@ubuntu-s-1vcpu-1gb-nyc1-01:~# docker pull nginx
Using default tag: latest
latest: Pulling from library/nginx
578acb154839: Pull complete
e398db710407: Pull complete
85c41ebe6d66: Pull complete
7170a263b582: Pull complete
8f28d06e2e2e: Pull complete
6f837de2f887: Pull complete
c1dfc7e1671e: Pull complete
Digest: sha256:86e53c4c16a6a276b204b0fd3a8143d86547c967dc8258b3d47c3a21bb68d3c6
Status: Downloaded newer image for nginx:latest
docker.io/library/nginx:latest
root@ubuntu-s-1vcpu-1gb-nyc1-01:~# docker pull alpine
Using default tag: latest
latest: Pulling from library/alpine
96526aa774ef: Pull complete
Digest: sha256:eece025e432126ce23f223450a0326fbebde39cdf496a85d8c016293fc851978
Status: Downloaded newer image for alpine:latest
docker.io/library/alpine:latest
```

- Verify pulled images in docker images using

docker images

```
root@ubuntu-s-1vcpu-1gb-nyc1-01:~# docker images
REPOSITORY          TAG      IMAGE ID       CREATED        SIZE
nginx               latest   c20060033e06   7 days ago     187MB
alpine              latest   8ca4688f4f35   5 weeks ago    7.34MB
arkay518/elitetools latest   60227c4cd199   2 months ago   1.52GB
root@ubuntu-s-1vcpu-1gb-nyc1-01:~# |
```

** **THE END** **