

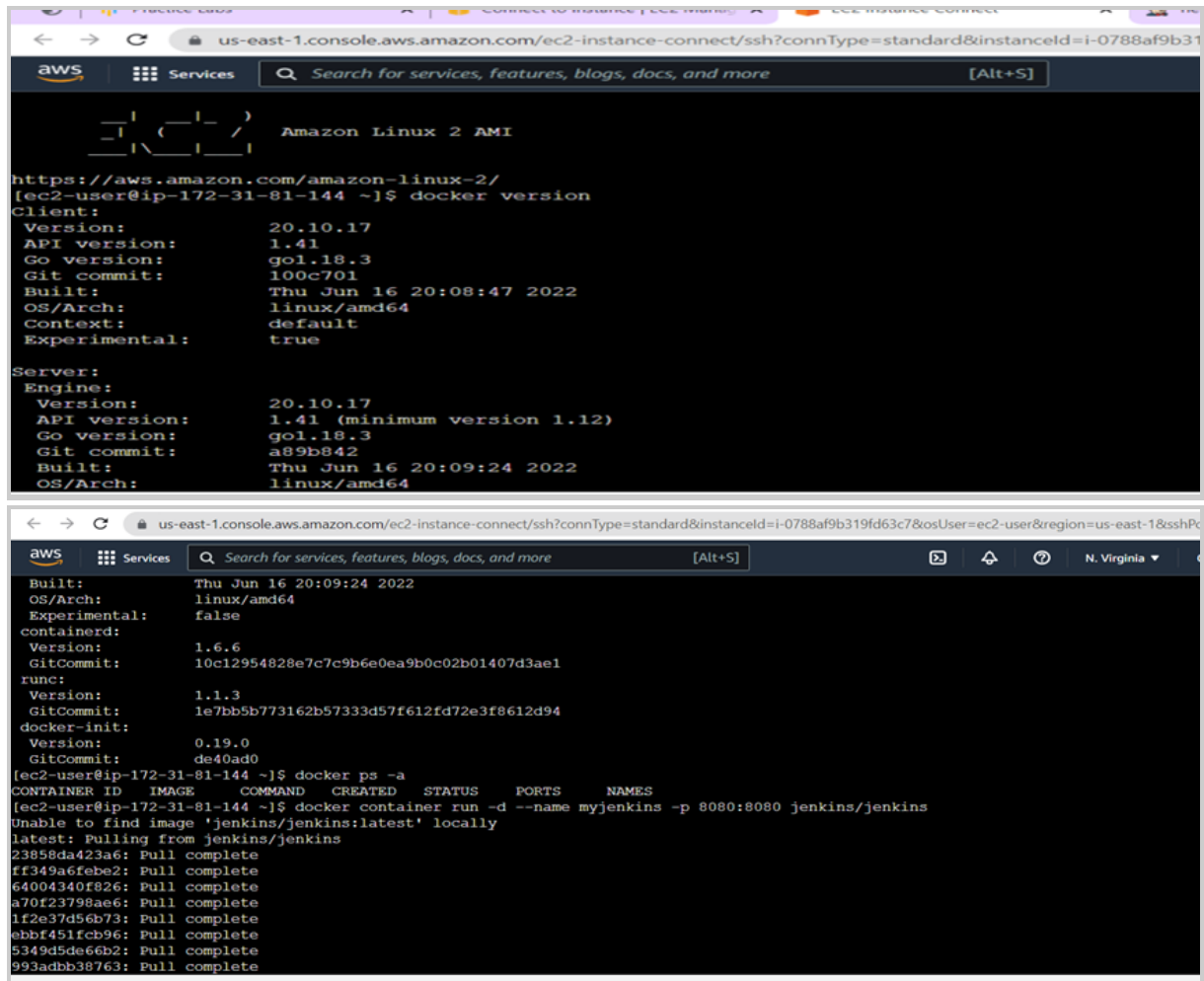
PROJECT: Jenkins pipeline to deploy Docker Swarm

NAME: J.Rajeshwaran

## CODE:

[GITHUB REPO link](#)

## Source code:



The image shows two screenshots of an AWS console terminal window. The top screenshot shows the command `docker version` being executed on an Amazon Linux 2 AMI. The output displays the Docker client and server versions, both 20.10.17, along with other details like API version, Go version, Git commit, and OS/Arch. The bottom screenshot shows the command `docker ps -a` being executed, followed by the command `docker container run -d --name myjenkins -p 8080:8080 jenkins/jenkins`. The output shows the container being created and the image being pulled from the Jenkins repository.

```
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0788af9b31

Amazon Linux 2 AMI

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-81-144 ~]$ docker version
Client:
Version:      20.10.17
API version:  1.41
Go version:   go1.18.3
Git commit:   100c701
Built:        Thu Jun 16 20:08:47 2022
OS/Arch:      linux/amd64
Context:      default
Experimental: true

Server:
Engine:
Version:      20.10.17
API version:  1.41 (minimum version 1.12)
Go version:   go1.18.3
Git commit:   a89b842
Built:        Thu Jun 16 20:09:24 2022
OS/Arch:      linux/amd64

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0788af9b319fd63c7&osUser=ec2-user&region=us-east-1&sshPc

Built:        Thu Jun 16 20:09:24 2022
OS/Arch:      linux/amd64
Experimental: false
containerd:
Version:      1.6.6
GitCommit:    10c12954828e7c7c9b6e0ea9b0c02b01407d3ae1
runc:
Version:      1.1.3
GitCommit:    1e7bb5b773162b57333d57f612fd72e3f8612d94
docker-init:
Version:      0.19.0
GitCommit:    de40ad0
[ec2-user@ip-172-31-81-144 ~]$ docker ps -a
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS          NAMES
[ec2-user@ip-172-31-81-144 ~]$ docker container run -d --name myjenkins -p 8080:8080 jenkins/jenkins
Unable to find image 'jenkins/jenkins:latest' locally
latest: Pulling from jenkins/jenkins
23858da423a6: Pull complete
ff349a6febe2: Pull complete
64004340f826: Pull complete
a70f23798ae6: Pull complete
1f2e37d56b73: Pull complete
ebbf451fcb96: Pull complete
5349d5de66b2: Pull complete
993adb38763: Pull complete
```



