1 sudo yum -y instal docker

2 sudo yum -y install docker

3 clear

4 sudo service docker start

7 sudo chkconfig on

8 sudo chkconfig docker status

9 sudo service docker status

**AP-ROLE-NAME6:~/environment $ docker info**

Containers: 0

Running: 0

Paused: 0

Stopped: 0

Images: 4

Server Version: 18.06.1-ce

Storage Driver: overlay2

Backing Filesystem: extfs

Supports d\_type: true

Native Overlay Diff: true

Logging Driver: json-file

Cgroup Driver: cgroupfs

Plugins:

Volume: local

Network: bridge host macvlan null overlay

Log: awslogs fluentd gcplogs gelf journald json-file logentries splunk syslog

Swarm: inactive

Runtimes: runc

Default Runtime: runc

Init Binary: docker-init

containerd version: 468a545b9edcd5932818eb9de8e72413e616e86e

runc version: 69663f0bd4b60df09991c08812a60108003fa340

init version: fec3683

Security Options:

seccomp

Profile: default

Kernel Version: 4.14.97-74.72.amzn1.x86\_64

Operating System: Amazon Linux AMI 2018.03

OSType: linux

Architecture: x86\_64

CPUs: 1

Total Memory: 985.8MiB

Name: ip-172-31-86-223

ID: OU7S:WLVE:NXAV:QQ5W:WB5H:DME6:BOVB:Q7GJ:CTCK:IWVH:Z7S4:44KA

Docker Root Dir: /var/lib/docker

Debug Mode (client): false

Debug Mode (server): false

Registry: https://index.docker.io/v1/

Labels:

Experimental: false

Insecure Registries:

127.0.0.0/8

Live Restore Enabled: false

**HUB URL/IMAGE NAME:TAG**

<https://index.docker.io/v1/httpd:v2.4>

if you give only image name, then it will take latest tag->if does not have then it throw error.

**Image commands:**

docker images

docker pull httpd:2.4

**AP-ROLE-NAME6:~/environment $ docker pull httpd:2.4**

2.4: Pulling from library/httpd

6ae821421a7d: Pull complete

0ceda4df88c8: Pull complete

24f08eb4db68: Pull complete

ddf4fc318081: Pull complete

fc5812428ac0: Pull complete

Digest: sha256:8e74fb2b77bf33af2a1a687e0a08263138dcc1628c788d7126e0c8e162157913

Status: Downloaded newer image for httpd:2.4

**AP-ROLE-NAME6:~/environment $ docker pull httpd**

Using default tag: latest

latest: Pulling from library/httpd

Digest: sha256:8e74fb2b77bf33af2a1a687e0a08263138dcc1628c788d7126e0c8e162157913

Status: Downloaded newer image for httpd:latest

**AP-ROLE-NAME6:~/environment $ docker images**

REPOSITORY TAG IMAGE ID CREATED SIZE

httpd 2.4 d3a13ec4a0f1 10 hours ago 132MB

httpd latest d3a13ec4a0f1 10 hours ago 132MB

lambci/lambda python2.7 b92d1404520d 11 days ago 951MB

lambci/lambda nodejs6.10 6d5686f02fe2 11 days ago 996MB

lambci/lambda nodejs4.3 ce68cbe2ecf8 11 days ago 945MB

lambci/lambda python3.6 659e6b066789 11 days ago 1.08GB

**AP-ROLE-NAME6:~/environment $ docker search ngnix**

NAME DESCRIPTION STARS OFFICIAL AUTOMATED

userxy2015/ngnix ngnix 6

ludwringliccien/ngnix-php7.1 ngnix-php7.1 1 [OK]

vbethina77/ngnix\_lb 1

tiagostutz/create-react-app-ngnix 1

jhuiting/ngnix 1

bguruprasad/ngnix-print-hostname ngnix-print-hostname 0

sanghaiakshay/ngnix\_https\_webserver 0

jenorish/ngnix 0

sitek/ngnix-vsftpd ngnix-vsftpd 0 [OK]

starlkj/ngnix tde test 0 [OK]

hobord/alpine-ngnix-php7-fpm-devenv Dev enviroment apline ngnix php7-fpm osx wri… 0 [OK]

theburi/ngnix ngnix 0

1app/ngnix configuração inicial 0

lucianojr/attendize-docker-ngnix Attendize docker nginx 0 [OK]

sushanth53/ngnix\_server ngnix server 0

silvade/ngnix-static ngnix docker image with ubuntu 0

sunlitweb/ngnix 0

agualbbus/ngnix-php-proxy 0

sunbuild/ngnix-fpm-azure Linux app service : ngnix-fpm 0 [OK]

hamropatrorepo/ngnix-reverse-proxy 0

rajdeeps/ngnix 0

jerrycheung/ngnix 0

diegograssato/ngnix 0

afzal/ngnix\_rate\_limit ngnix rate limit examples 0

vvsravuri/ngnix 0

* **centos**
* **install apache**

**yum -y install httpd**

* **copy code**
* **start apache**

**docker build -t anusha1219/mydocker1219:1.0 .**

**docker inspect anusha1219/mydocker1219:1.0**

**Container commands**

**docker run –d –name myapachetest -p 9000:80 –v myapachetest\_var\_log:/var/log anusha1219/mydocker1219:1.0**

**# this is my first docker file to create my apache**

**FROM ubuntu:18.04**

**MAINTAINER anusha.gunnam0411@gmail.com**

**# we need to update yum it is recommeded in centos and required in redhat and ubuntu etc**

**RUN apt-get update**

**RUN apt-get install -y tzdata**

**RUN apt-get install --no-install-recommends --no-install-suggests -y nginx php php-gd php-mysql**

**ADD code /var/www/html**

**#ports we are running--meta data**

**EXPOSE 80**

**#environment variables declaration---Meta data**

**ENV BACKENDLB=test**

**ENV tzdata=`timedatectl set-timezone America/New\_York`**

**CMD ["nginx", "-g", "daemon off;"]**