Multiple Web hosting on docker
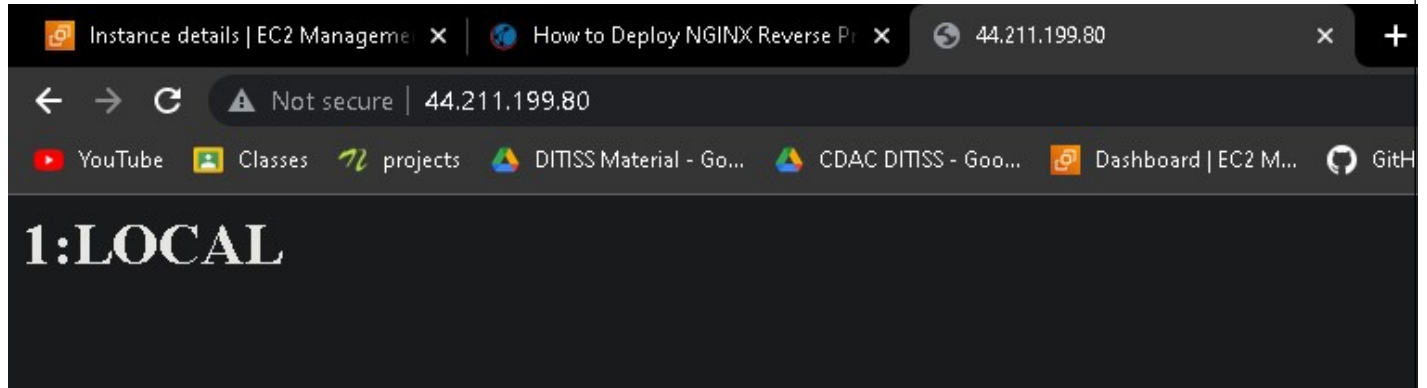
EC2 instance : running apache default + on ubuntu + nginx + httpd

Default :

#rm /var/www/html/index.html
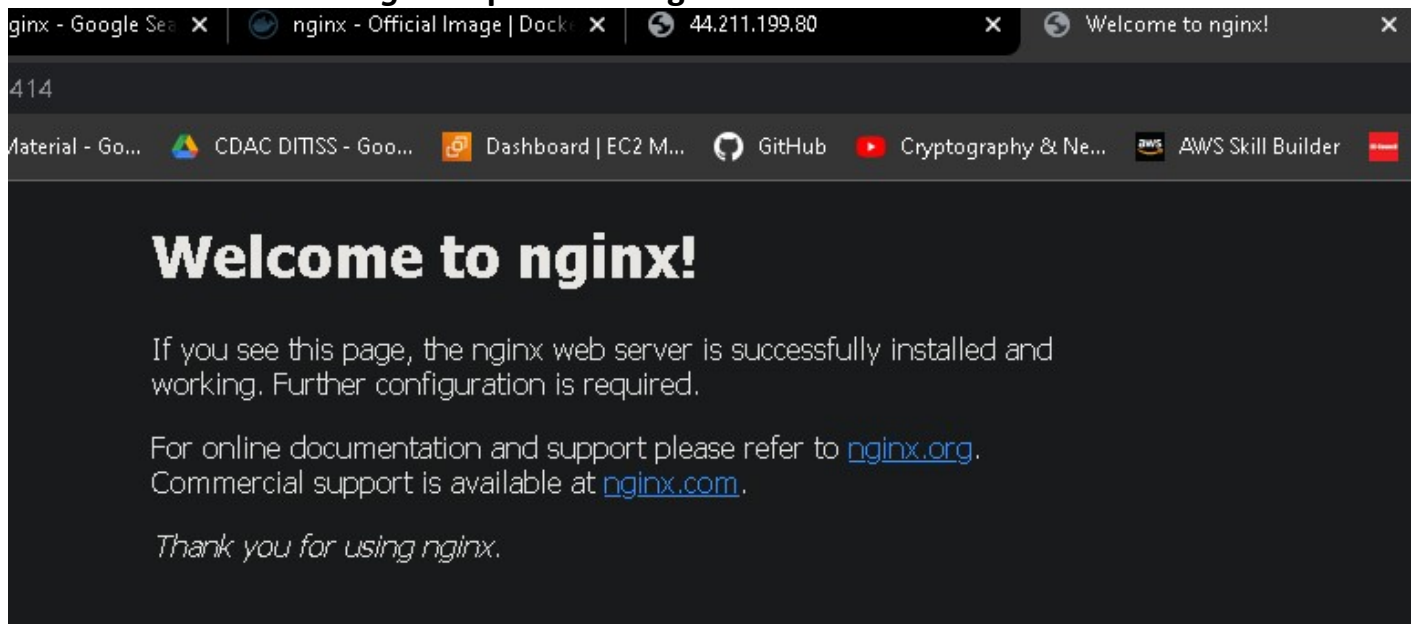
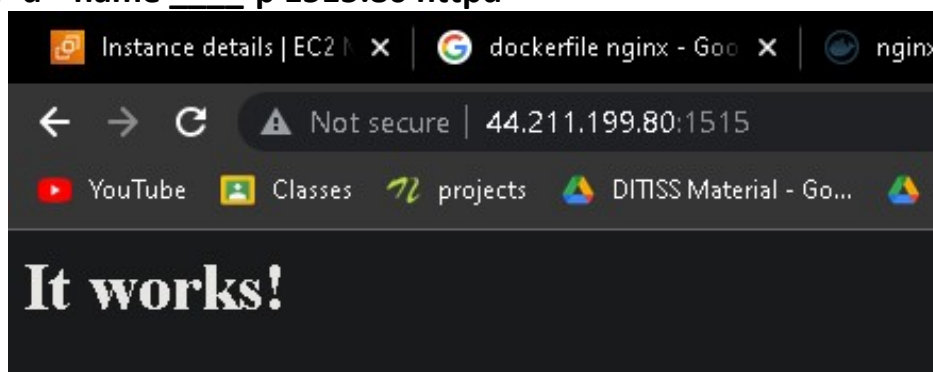**#nano /var/www/html/index.html**

Nginx :

#docker pull nginx

#docker run -d --name *nginxd* -p *1414*:80 nginx
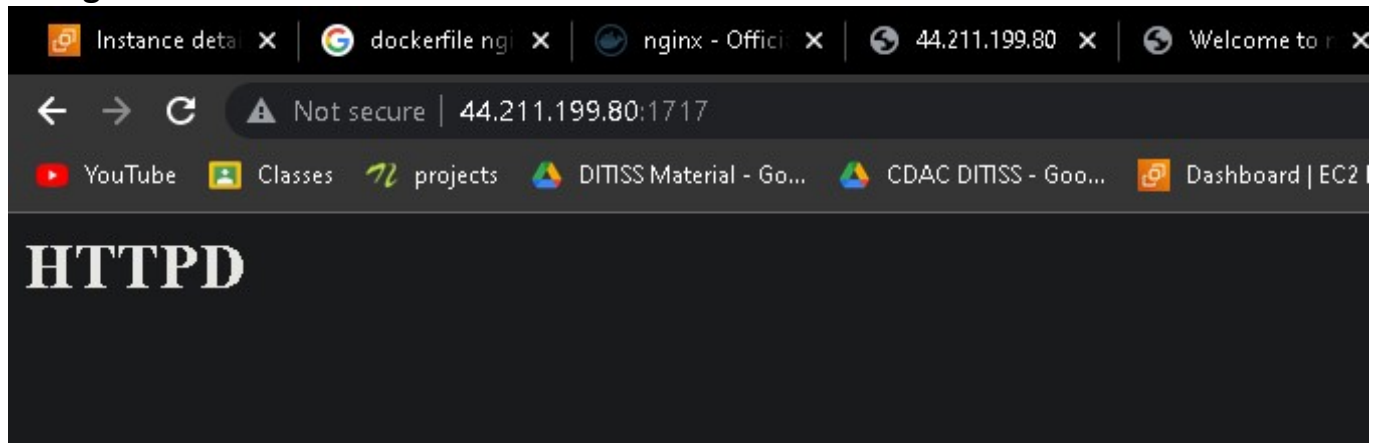

Httpd:

#docker pull httpd

#docker run -d --name _____-p 1515:80 httpd

Through docker file :

Ubuntu

#docker pull ubuntu
#mkdir ubuntu
#cd ubutu
#nano index.html
#nano Dockerfile :

    FROM ubuntu:latest
    RUN apt-get update
    RUN apt-get install apache2 -y
    RUN rm /var/www/html/index.html
    COPY index.html /var/www/html/
    EXPOSE 80
    CMD apachectl -D FOREGROUND *(-D foreground continously run apache2)*

admin@ip-172-31-90-81: ~
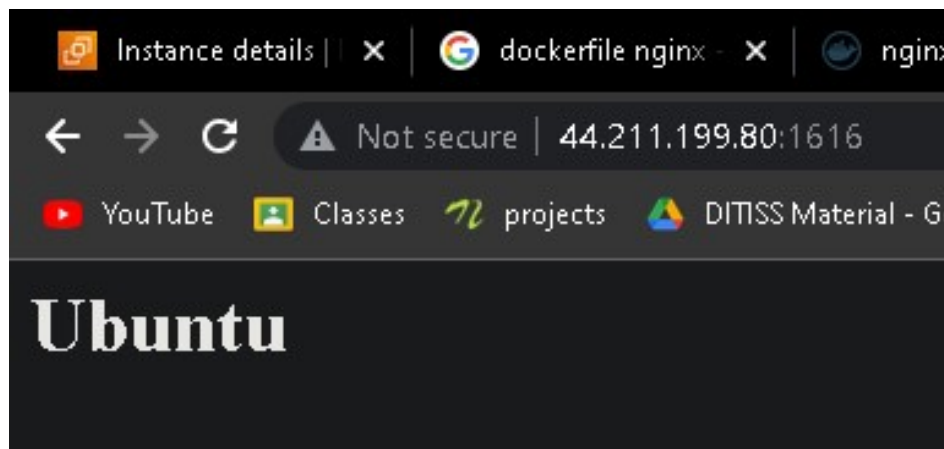
```
  GNU nano 5.4                                              Dockerfile
FROM ubuntu:latest
RUN apt-get update
RUN apt-get install apache2 -y
RUN rm /var/www/html/index.html
COPY index.html /var/www/html/
EXPOSE 80
CMD apachectl -D FOREGROUND
```

#docker build -t image name.

```
invoke-rc.d: could not determine current runlevel
invoke-rc.d: policy-rc.d denied execution of start
.
Processing triggers for libc-bin (2.35-0ubuntu3.1)
...
Processing triggers for ca-certificates (20230311u
buntu0.22.04.1) ...
Updating certificates in /etc/ssl/certs...
0 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d...
done.
Removing intermediate container 1751f716fb49
 ---> 5ad63a09b56f
Step 4/7 : RUN rm /var/www/html/index.html
 ---> Running in 07477206be44
Removing intermediate container 07477206be44
 ---> f1b0719089e8
Step 5/7 : COPY index.html /var/www/html/
 ---> 3655ab9a362e
Step 6/7 : EXPOSE 80
 ---> Running in 64d87681d5b7
Removing intermediate container 64d87681d5b7
 ---> 60ffe5bafcbf
Step 7/7 : CMD apachectl -D FOREGROUND
 ---> Running in 48f61dab32d6
Removing intermediate container 48f61dab32d6
 ---> 18a00308474c
Successfully built 18a00308474c
Successfully tagged ubuntu:latest
root@ip-172-31-90-81:/home/admin/ubuntu#
```

#docker run -d --name _____ -p 1616:80(internal) ubuntu

Browser _> Public ip : 1616

Ubuntu :

Setting up EC2 jenkins:
Install jenkins + git and do required changes on jenkins page.
Setup webhook on git

Linking jenkins to docker hub:

Install docker plugin in jenkins .