

Start Course - Int

Docker-Assignment-5

Apache Tomcat

Docker Hub

Support Ticket

18.118.241.140:84

https://us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:

aws

Services

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[Alt+S]

Ohio

aarambh-user1 @ 3425-0804-7718

New EC2 Experience

Tell us what you think

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances

Instances

New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

New

Dedicated Hosts

Capacity Reservations

Images

AMIs

New

Instances (1/2)

Info

Refresh

Connect

Instance state

Actions

Launch instances

Search

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
<input type="checkbox"/>	NagiosServer	i-0706a3b62b5fea63a	Stopped	t2.micro	-	No alarms	us-east-2b
<input checked="" type="checkbox"/>	AnsibleNode2	i-0d8eac04e9843e954	Running	t2.micro	2/2 checks passed	No alarms	us-east-2b

Instance: i-0d8eac04e9843e954 (AnsibleNode2)

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

Instance summary

Info

Instance ID

i-0d8eac04e9843e954 (AnsibleNode2)

IPv6 address

-

Public IPv4 address

copied

Private IPv4 addresses

172.31.27.208

Instance state

Running

Public IPv4 DNS

ec2-18-118-241-140.us-east-2.compute.amazonaws.com

Feedback

English (US)

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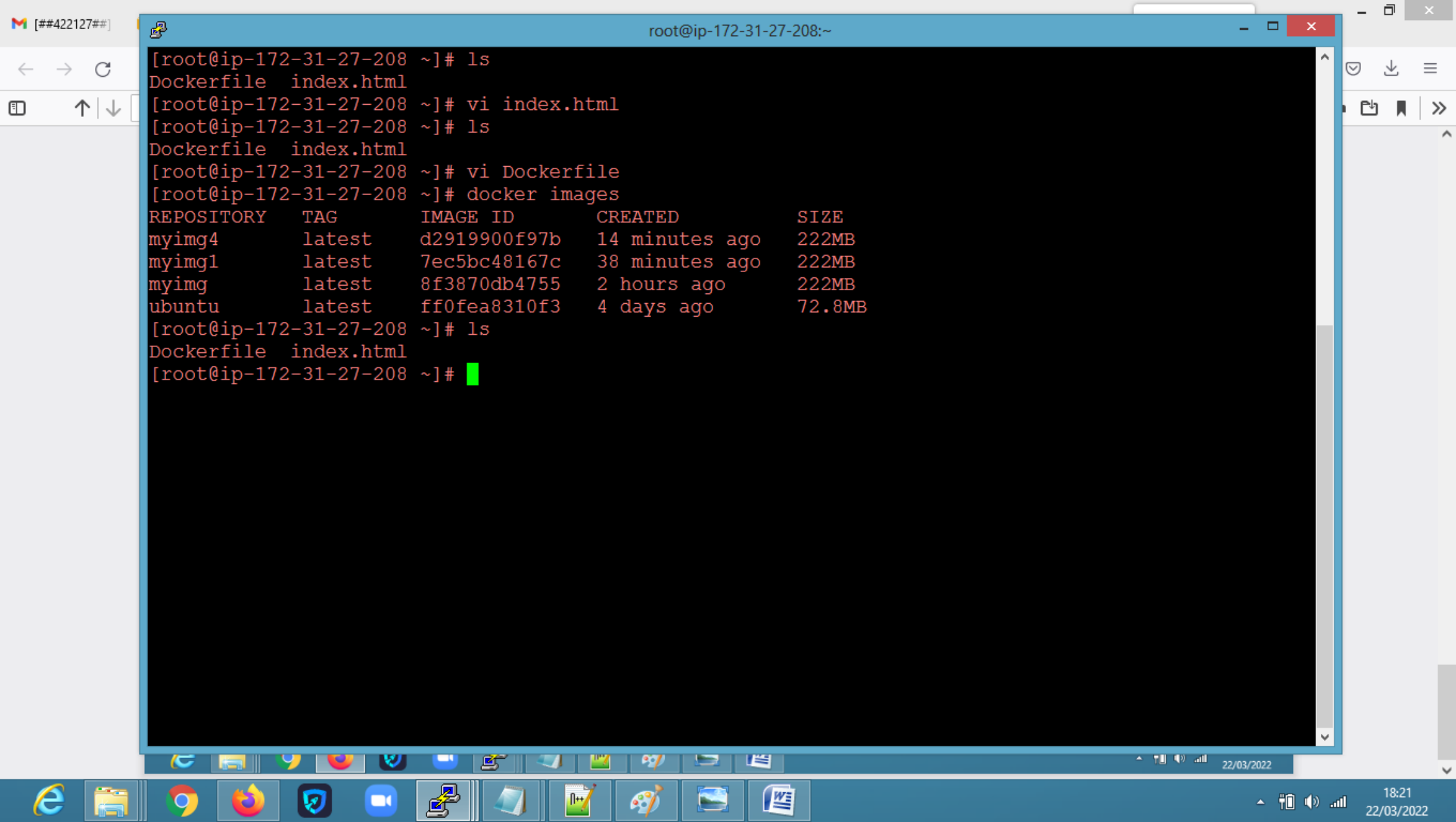
Privacy

Terms

Cookie preferences

18:04

22/03/2022



root@ip-172-31-27-208:~

[root@ip-172-31-27-208 ~]# ls

Dockerfile index.html

[root@ip-172-31-27-208 ~]# vi index.html

[root@ip-172-31-27-208 ~]# ls

Dockerfile index.html

[root@ip-172-31-27-208 ~]# vi Dockerfile

[root@ip-172-31-27-208 ~]# docker images

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
myimg4	latest	d2919900f97b	14 minutes ago	222MB
myimg1	latest	7ec5bc48167c	38 minutes ago	222MB
myimg	latest	8f3870db4755	2 hours ago	222MB
ubuntu	latest	ff0fea8310f3	4 days ago	72.8MB

[root@ip-172-31-27-208 ~]# ls

Dockerfile index.html

[root@ip-172-31-27-208 ~]#

22/03/2022

18:21  
22/03/2022

```
my name is rathore.
```



```
[root@ip-172-31-27-208 ~]# vi Dockerfile
[root@ip-172-31-27-208 ~]# docker build -t myimg4 .
Sending build context to Docker daemon 14.85kB
Step 1/8 : FROM ubuntu
---> ff0fea8310f3
Step 2/8 : RUN apt-get update
---> Using cache
---> adeadb956fb
Step 3/8 : RUN DEBIAN_FRONTEND="noninteractive" apt-get -y install tzdata
---> Using cache
---> 7a84d64db318
Step 4/8 : RUN apt-get -y install apache2
---> Using cache
---> d96054d40f5e
Step 5/8 : COPY index.html /var/www/html
---> 495e1317d788
Step 6/8 : ADD . /var/www/html
---> 2b2cef8519d7
Step 7/8 : ENTRYPOINT apachectl -D FOREGROUND
---> Running in efd38e210d3c
Removing intermediate container efd38e210d3c
---> 88fae3fa60d8
Step 8/8 : ENV name Aarambh
---> Running in 9e351721bf35
Removing intermediate container 9e351721bf35
---> d2919900f97b
Successfully built d2919900f97b
Successfully tagged myimg4:latest
[root@ip-172-31-27-208 ~]# docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
myimg4	latest	d2919900f97b	26 seconds ago	222MB
myimg1	latest	7ec5bc48167c	25 minutes ago	222MB
myimg	latest	8f3870db4755	About an hour ago	222MB



```
Step 8/8 : ENV name Aarambh
---> Running in 9e351721bf35
Removing intermediate container 9e351721bf35
---> d2919900f97b
Successfully built d2919900f97b
Successfully tagged myimg4:latest
[root@ip-172-31-27-208 ~]# docker images
REPOSITORY      TAG          IMAGE ID       CREATED        SIZE
myimg4          latest      d2919900f97b   26 seconds ago 222MB
myimg1          latest      7ec5bc48167c   25 minutes ago 222MB
myimg           latest      8f3870db4755   About an hour ago 222MB
ubuntu          latest      ff0fea8310f3   4 days ago    72.8MB
[root@ip-172-31-27-208 ~]# docker run -td --name mycont4 -p 84:80 myimg4
2c9cec78e54b254a59905bc86166b72f21588339c4514a1e9d5635b3d6a12ea9
[root@ip-172-31-27-208 ~]# docker exec -it mycont4 /bin/bash
root@2c9cec78e54b:/# apt update
Hit:1 http://archive.ubuntu.com/ubuntu focal InRelease
Get:2 http://archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:3 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Get:4 http://archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Fetched 336 kB in 1s (648 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
All packages are up to date.
root@2c9cec78e54b:/# service apache2 status
* apache2 is running
root@2c9cec78e54b:/# cd /var/www/html/
root@2c9cec78e54b:/var/www/html# ls
Dockerfile  index.html
root@2c9cec78e54b:/var/www/html# cat index.html
my name is rathore..
root@2c9cec78e54b:/var/www/html# exit
```



