

# CLOUD COMPUTING LAB

## LAB 1

Submitted by: Mahika Gupta  
SRN: PES1UG20CS243  
Date: 17/01/2023

### 1. Summary of instance before launching (Review Instance Launch)

N. Virginia ▼

voclabs/user2357368=PES1UG20CS243\_MahikaGupta @ 9643-7310-9265 ▼

▼ Summary

Number of instances [Info](#)

[Software Image \(AMI\)](#)

Amazon Linux 2 Kernel 5.10 AMI 2.0.20221210.1  
x86\_64 HVM gp2  
ami-0b5eea76982371e91

[Virtual server type \(instance type\)](#)

t2.micro

[Firewall \(security group\)](#)

New security group

[Storage \(volumes\)](#)

1 volume(s) - 8 GiB

❗

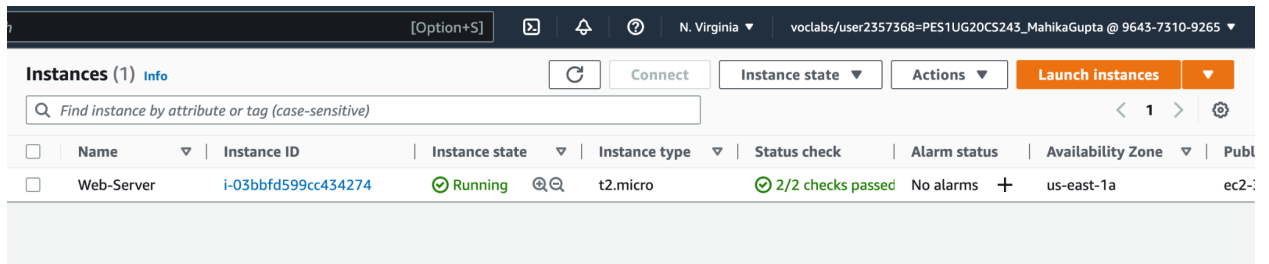
**Free tier:** In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of

×

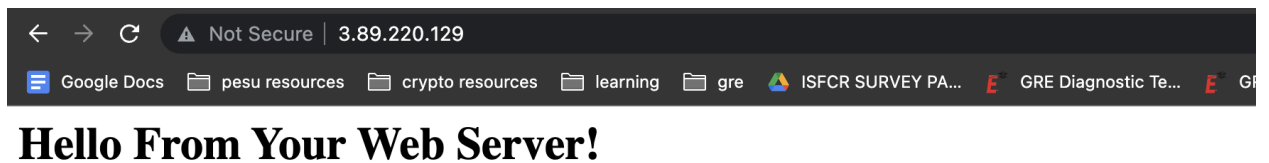
Cancel

Launch instance

## 2. EC2 instance in running state



## 3. Web server browser with the message displaying



## 4. Showing the instance volume resized

h

[Option+S]

N. Virginia

voclabs/user2357368=PES1UG20CS243\_MahikaGupta @ 9643-7310-9265

Successfully enabled detailed monitoring for instance i-03bbfd599cc434274.

Instances (1/1) Info

Connect

Instance state

Actions

Launch instances

Find instance by attribute or tag (case-sensitive)

< 1 >

Name

Instance ID

Instance state

Instance type

Status check

Alarm status

Availability Zone

Publ

Web-Server

i-03bbfd599cc434274

Running

t2.micro

2/2 checks passed

No alarms

us-east-1a

ec2-

Instance: i-03bbfd599cc434274 (Web-Server)

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

▼ Root device details

Root device name

/dev/xvda

Root device type

EBS

EBS optimization

disabled

▼ Block devices

Filter block devices

Volume ID	Device name	Volume size (GiB)	Attachment status	Attachment time	Encrypted	KMS key ID
vol-0b390677dd6d0684a	/dev/xvda	8	Attached	Tue Jan 17 2023 23:19:05 G...	No	-

▼ Recent root volume replacement tasks

Filter tasks

Replace root volume

Task ID	Task state	Start time	Completion time	Tags
---------	------------	------------	-----------------	------

tion? Find it in the new Unified Settings

© 2023, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

h

[Option+S]

N. Virginia

voclabs/user2357368=PES1UG20CS243\_MahikaGupta @ 9643-7310-9265

Successfully enabled detailed monitoring for instance i-03bbfd599cc434274.

Instances (1/1) Info

Connect

Instance state

Actions

Launch instances

Find instance by attribute or tag (case-sensitive)

< 1 >

Name

Instance ID

Instance state

Instance type

Status check

Alarm status

Availability Zone

Publ

Web-Server

i-03bbfd599cc434274

Running

t2.nano

Initializing

No alarms

us-east-1a

ec2-

Instance: i-03bbfd599cc434274 (Web-Server)

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

▼ Root device details

Root device name

/dev/xvda

Root device type

EBS

EBS optimization

disabled

▼ Block devices

Filter block devices

Volume ID	Device name	Volume size (GiB)	Attachment status	Attachment time	Encrypted	KMS key ID
vol-0b390677dd6d0684a	/dev/xvda	10	Attached	Tue Jan 17 2023 23:19:05 G...	No	-

▼ Recent root volume replacement tasks

Filter tasks

Replace root volume

Task ID	Task state	Start time	Completion time	Tags
---------	------------	------------	-----------------	------

tion? Find it in the new Unified Settings

© 2023, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

## 5. EC2 instance in stopped state

[Option+S] [Icons] N. Virginia voclabs/user2357368=PES1UG20CS243\_MahikaGupta @ 9643-7310-9265

✔ Successfully stopped i-03bbfd599cc434274 ✕

**Instances (1/1)** [Info](#) [Connect](#) [Instance state](#) [Actions](#) [Launch instances](#)

<input checked="" type="checkbox"/>	Name ▾	Instance ID	Instance state ▾	Instance type ▾	Status check	Alarm status	Availability Zone ▾	Publ
<input checked="" type="checkbox"/>	Web-Server	<a href="#">i-03bbfd599cc434274</a>	Stopped	t2.micro	✔ 2/2 checks passed	No alarms +	us-east-1a	-