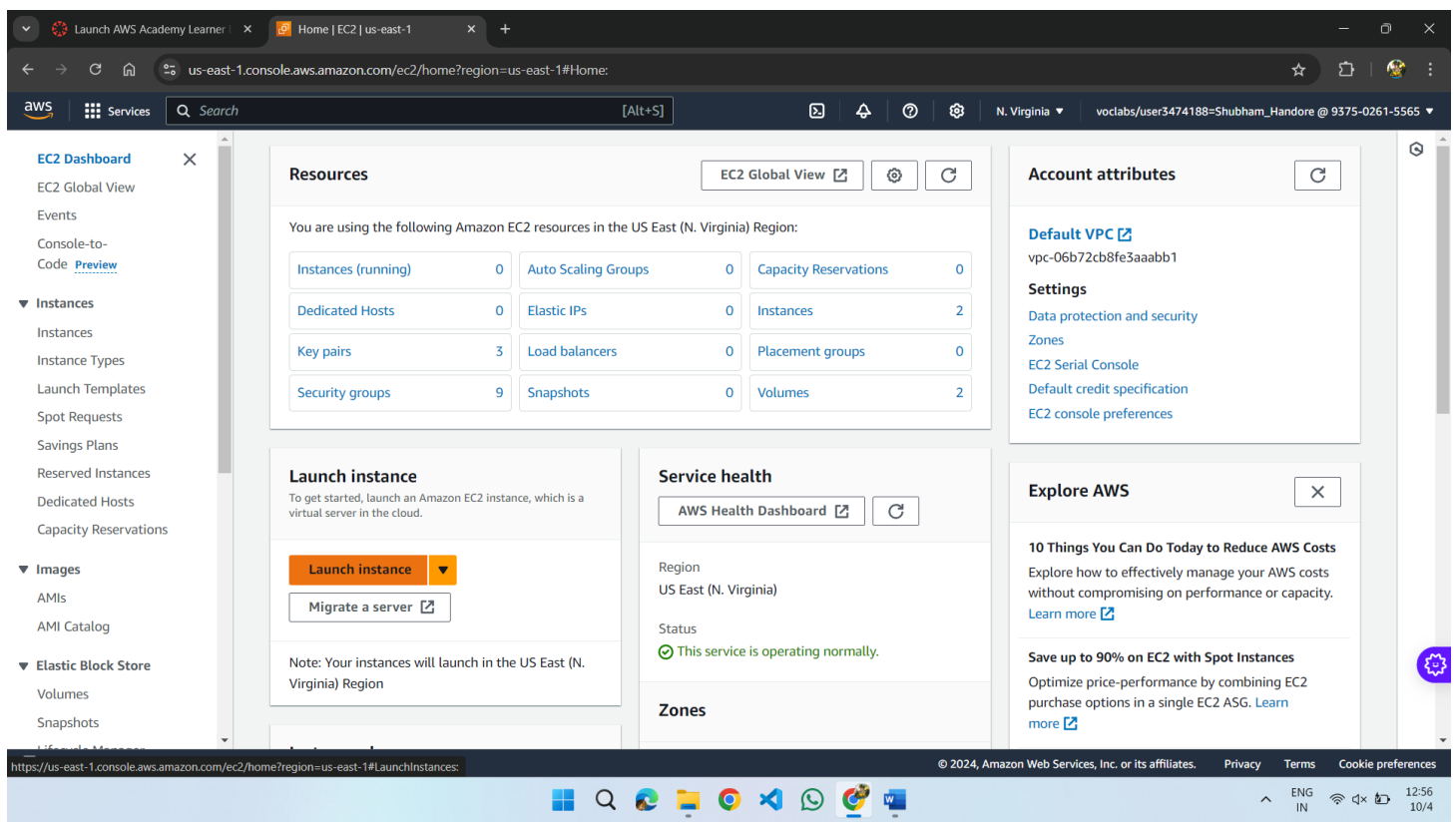
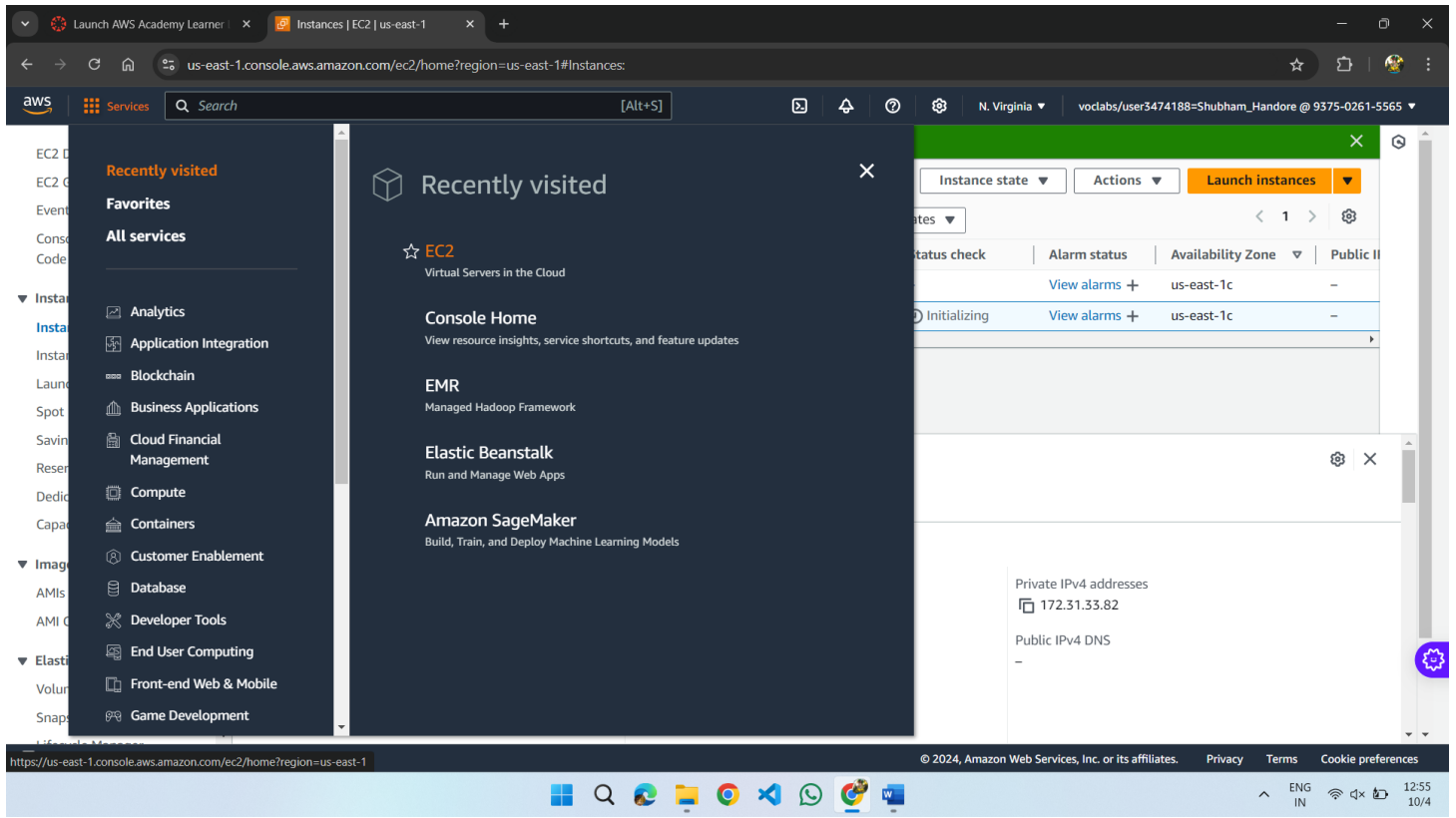
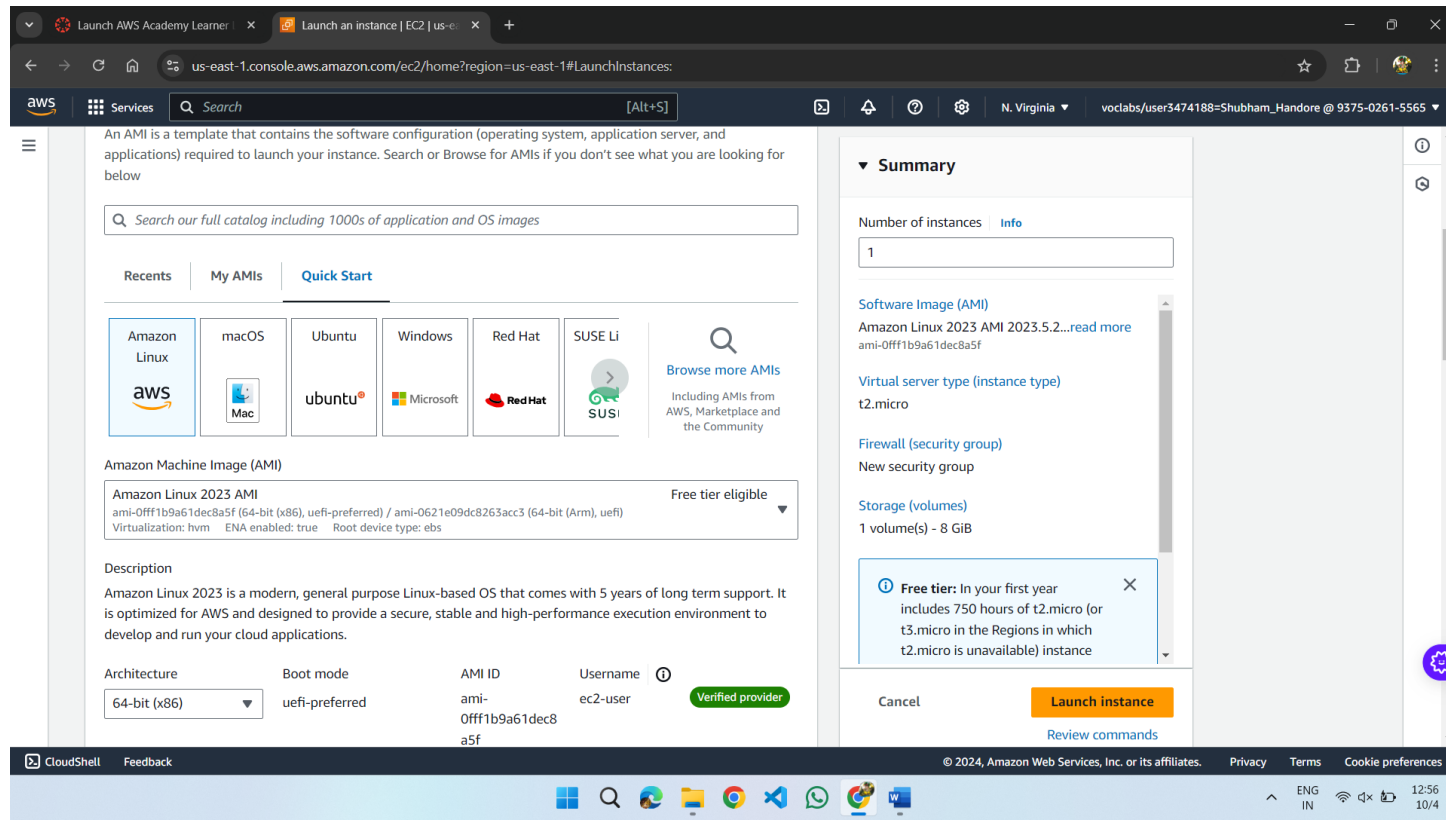
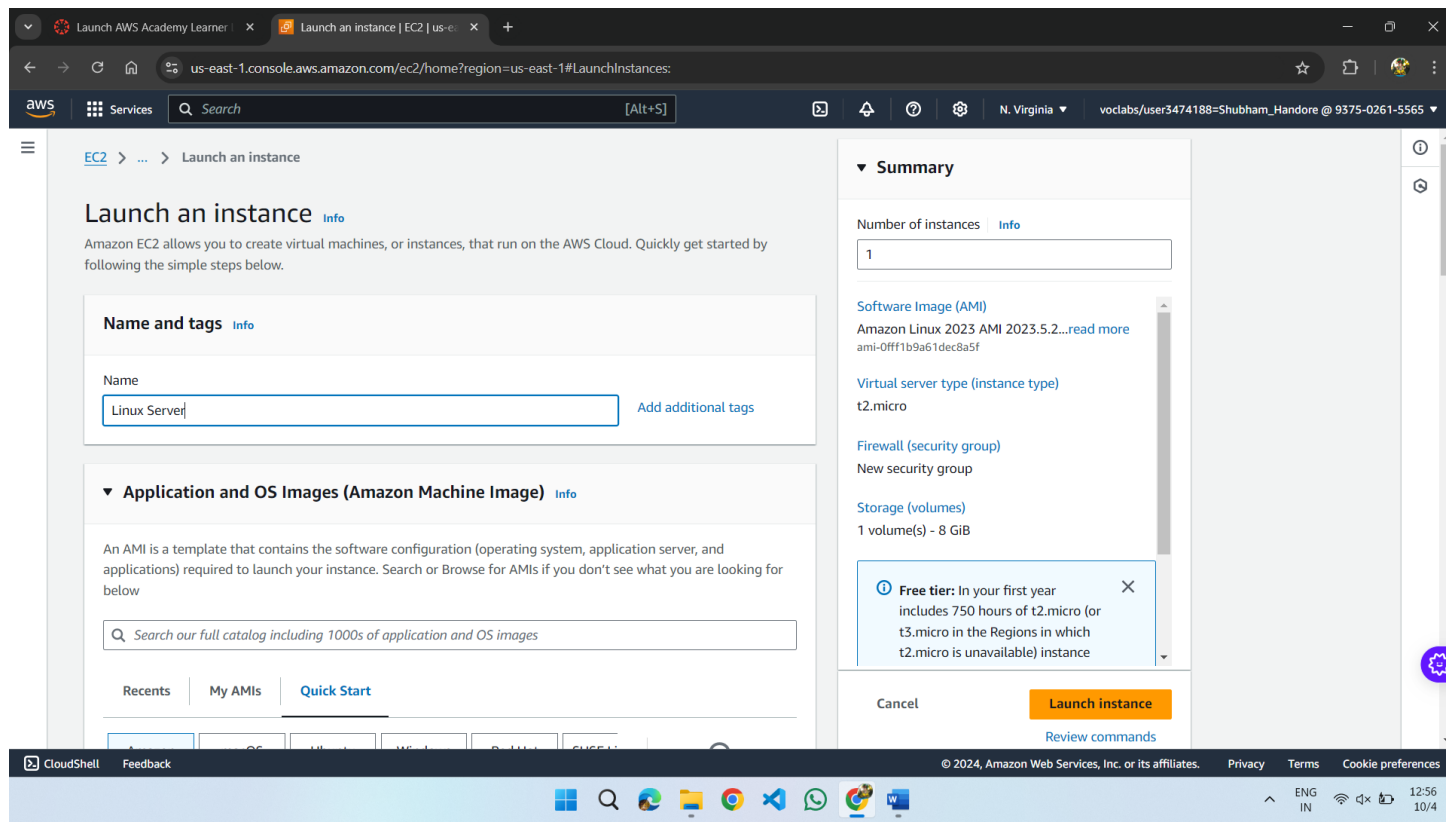


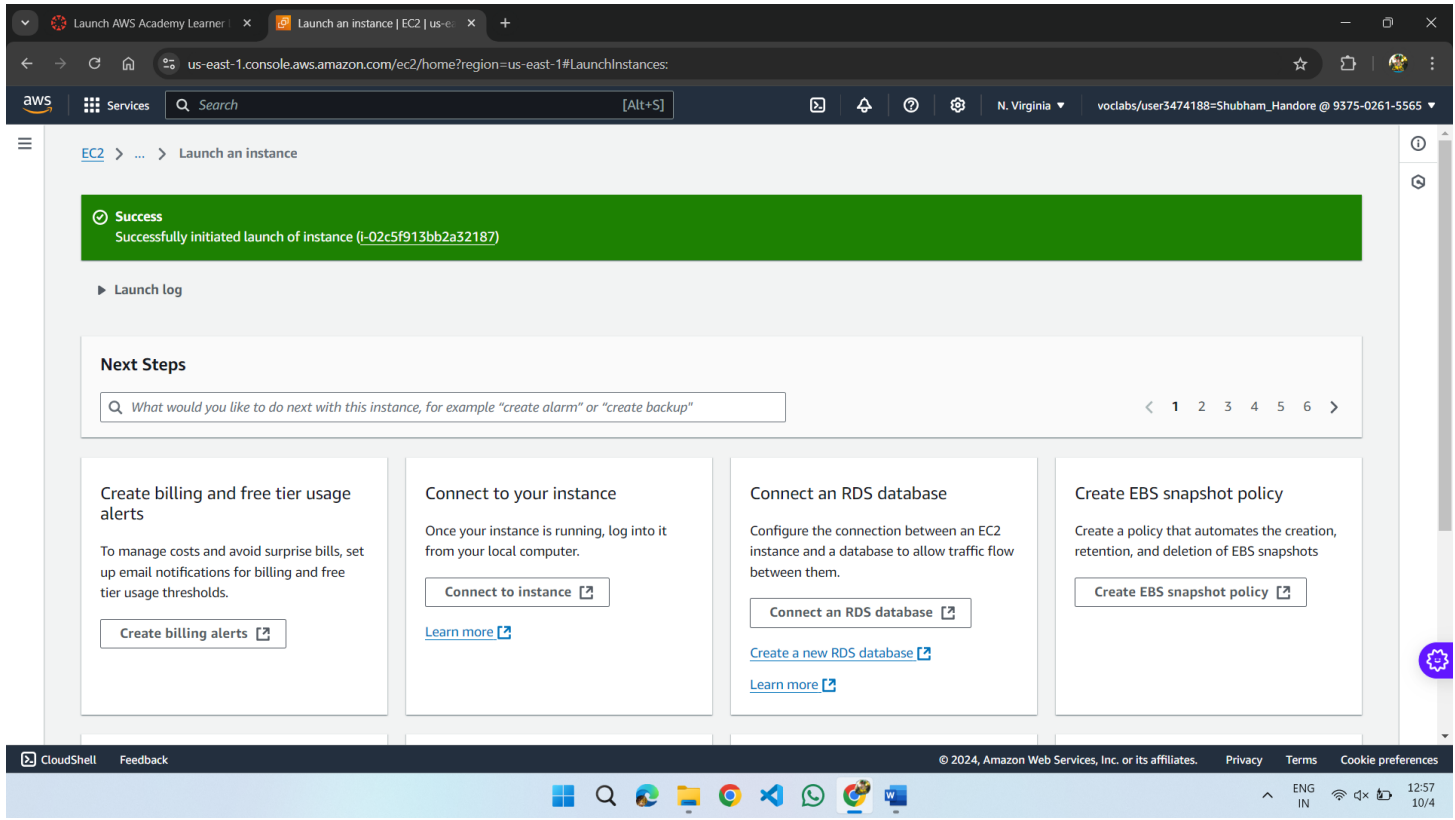
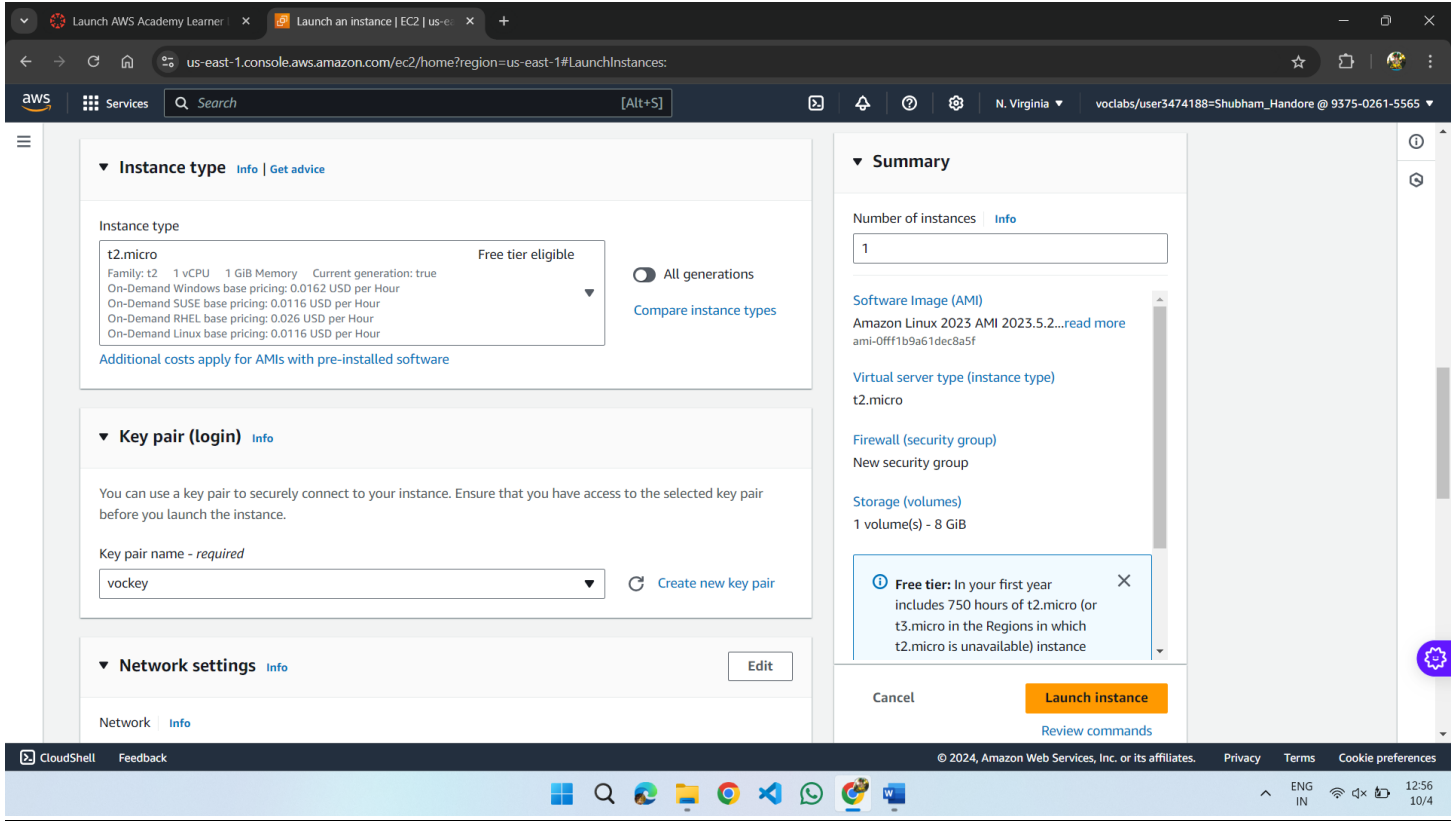
# Cloud Computing Assignment 3

## Launch EC2 instance (Linux) – AWS Platform

Create an EC2 Linux instance and run the Hello World page by typing commands on VM







Launch AWS Academy Learner

Instances | EC2 | us-east-1

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:

awsServicesSearch[Alt+S]

N. Virginiavoclabs/user3474188=Shubham\_Handore @ 9375-0261-5565

EC2 Dashboard

EC2 Global View

Events

Console-to-Code Preview

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Infra-2-Messages

Instances (1/3) Info

Last updated less than a minute ago

Connect

Instance state

Actions

Launch instances

Find Instance by attribute or tag (case-sensitive)

All states

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
<input type="checkbox"/>	Window Server	i-0cd0b0a93da1b2676	Stopped	t2.micro	-	View alarms +	us-east-1c	-
<input checked="" type="checkbox"/>	Linux Server	i-02c5f913bb2a32187	Running	t2.micro	Initializing	View alarms +	us-east-1c	ec2-52-205
<input type="checkbox"/>	Linux Server	i-0533f67a30f816511	Stopped	t2.micro	-	View alarms +	us-east-1c	-

i-02c5f913bb2a32187 (Linux Server)

DetailsStatus and alarmsMonitoringSecurityNetworkingStorageTags

Instance summary Info

Instance ID

i-02c5f913bb2a32187 (Linux Server)

Public IPv4 address

52.205.121.216 | open address

Private IPv4 addresses

172.31.36.60

IPV6 address

-

Instance state

Running

Public IPv4 DNS

ec2-52-205-121-216.compute-1.amazonaws.com | open address

Hostname type

IP name: ip-172-31-36-60.ec2.internal

Private IP DNS name (IPv4 only)

ip-172-31-36-60.ec2.internal

Launch AWS Academy Learner

Connect to instance | EC2 | us-east-1

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ConnectToInstance:instanceId=i-02c5f913bb2a32187

awsServicesSearch[Alt+S]

N. Virginiavoclabs/user3474188=Shubham\_Handore @ 9375-0261-5565

Port 22 (SSH) is currently open to all IPv4 addresses, indicated by 0.0.0.0/0 in the inbound rule in your security group. For increased security, consider restricting access to only the EC2 Instance Connect service IP addresses for your Region: 18.206.107.24/29. Learn more.

Instance ID

i-02c5f913bb2a32187 (Linux Server)

Connection Type

☒ Connect using EC2 Instance Connect

Connect using the EC2 Instance Connect browser-based client, with a public IPv4 or IPv6 address.

☐ Connect using EC2 Instance Connect Endpoint

Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint.

☒ Public IPv4 address

52.205.121.216

☐ IPv6 address

-

Username

Enter the username defined in the AMI used to launch the instance. If you didn't define a custom username, use the default username, ec2-user.

ec2-user

Note: In most cases, the default username, ec2-user, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.

Cancel

Connect

Launch AWS Academy LearnerInstances | EC2 | us-east-1EC2 Instance Connect

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-02c5f913bb2a32187&osUser=ec2-user&sshPort=22&addressFamily=...

ServicesSearch[Alt+S]

aws

N. Virginiavoclabs/user3474188=Shubham\_Handore @ 9375-0261-5565

Amazon Linux 2023

https://aws.amazon.com/linux/amazon-linux-2023

```
[ec2-user@ip-172-31-36-60 ~]$ ec2-user
-bash: ec2-user: command not found
[ec2-user@ip-172-31-36-60 ~]$ sudo su
[root@ip-172-31-36-60 ec2-user]# yum update -y
Last metadata expiration check: 0:00:36 ago on Fri Oct 4 07:27:44 2024.
Dependencies resolved.
Nothing to do.
Complete!
[root@ip-172-31-36-60 ec2-user]# yum install httpd -y
Last metadata expiration check: 0:00:49 ago on Fri Oct 4 07:27:44 2024.
Dependencies resolved.
```

Package	Architecture	Version	Repository	Size
Installing:				
httpd	x86_64	2.4.62-1.amzn2023	amazonlinux	48 k
Installing dependencies:				
apr	x86_64	1.7.2-2.amzn2023.0.2	amazonlinux	129 k

i-02c5f913bb2a32187 (Linux Server)

PublicIPs: 52.205.121.216 PrivateIPs: 172.31.36.60

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Launch AWS Academy LearnerInstances | EC2 | us-east-1EC2 Instance Connect

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-02c5f913bb2a32187&osUser=ec2-user&sshPort=22&addressFamily=...

ServicesSearch[Alt+S]

aws

N. Virginiavoclabs/user3474188=Shubham\_Handore @ 9375-0261-5565

Verifying: httpd-filesystem-2.4.62-1.amzn2023.noarch7/12

Verifying: httpd-tools-2.4.62-1.amzn2023.x86\_648/12

Verifying: libbrotli-1.0.9-4.amzn2023.0.2.x86\_649/12

Verifying: mailcap-2.1.49-3.amzn2023.0.3.noarch10/12

Verifying: mod\_http2-2.0.27-1.amzn2023.0.3.x86\_6411/12

Verifying: mod\_lua-2.4.62-1.amzn2023.x86\_6412/12

Installed:

apr-1.7.2-2.amzn2023.0.2.x86\_64apr-util-1.6.3-1.amzn2023.0.1.x86\_64apr-util-openssl-1.6.3-1.amzn2023.0.1.x86\_64

generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarchhttpd-2.4.62-1.amzn2023.x86\_64httpd-core-2.4.62-1.amzn2023.x86\_64

httpd-filesystem-2.4.62-1.amzn2023.noarchhttpd-tools-2.4.62-1.amzn2023.x86\_64libbrotli-1.0.9-4.amzn2023.0.2.x86\_64

mailcap-2.1.49-3.amzn2023.0.3.noarchmod\_http2-2.0.27-1.amzn2023.0.3.x86\_64mod\_lua-2.4.62-1.amzn2023.x86\_64

Complete!

[root@ip-172-31-36-60 ec2-user]# cd /var/www/html

[root@ip-172-31-36-60 html]# echo "Hello World">index.html

[root@ip-172-31-36-60 html]# ls

index.html

[root@ip-172-31-36-60 html]# service httpd start

Redirecting to /bin/systemctl start httpd.service

[root@ip-172-31-36-60 html]# start httpd.service

bash: start: command not found

[root@ip-172-31-36-60 html]# systemctl start httpd

bash: systemctl: command not found

[root@ip-172-31-36-60 html]# systemctl enable httpd.service

Note: Forwarding request to 'systemctl enable httpd.service'.

Created symlink /etc/systemd/system/multi-user.target.wants/httpd.service → /usr/lib/systemd/system/httpd.service.

[root@ip-172-31-36-60 html]#

i-02c5f913bb2a32187 (Linux Server)

PublicIPs: 52.205.121.216 PrivateIPs: 172.31.36.60

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Launch AWS Academy Learner

Instances | EC2 | us-east-1

EC2 Instance Connect

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:

awsServicesSearch[Alt+S]

N. Virginiavoclabs/user3474188=Shubham\_Handore @ 9375-0261-5565

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<input checked="" type="checkbox"/>	Linux Server	i-02c5f913bb2a32187	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1c	ec2-52-205-121-216.compute-1.amazonaws.com
<input type="checkbox"/>	Linux Server	i-0533f67a30f816511	Stopped	t2.micro	-	View alarms +	us-east-1c	-

i-02c5f913bb2a32187 (Linux Server)

DetailsStatus and alarmsMonitoringSecurityNetworkingStorageTags

Instance summary Info

Instance ID

i-02c5f913bb2a32187 (Linux Server)

IPv6 address

-

Hostname type

IP name: ip-172-31-36-60.ec2.internal

Public IPv4 address copied

52.205.121.216 | open address

Instance state

Running

Private IP DNS name (IPv4 only)

ip-172-31-36-60.ec2.internal

Private IPv4 addresses

172.31.36.60

Public IPv4 DNS

ec2-52-205-121-216.compute-1.amazonaws.com | open address

PDF to Word Converter

Launch AWS Academy

Instances | EC2 | us-east-1

EC2 Instance Connect

Meet - kuy-hqxs

34.226.152.5

Not secure34.226.152.5

Hello World