

# SINCHANA S

## CC LAB 1

### PES1UG21CS596

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

**Launch an instance** [Info](#)

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

**Name and tags** [Info](#)

Name  
PES1UG21CS596\_SINCHANA\_S [Add additional tags](#)

**Application and OS Images (Amazon Machine Image)** [Info](#)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below.

[Quick Start](#)

**Summary**

Number of instances [Info](#)  
1

Software Image (AMI)  
Amazon Linux 2023 AMI 2023.3.2...[read more](#)  
ami-0005e0cfe09cc9050

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

[Cancel](#) [Launch instance](#) [Review commands](#)

**Launch an instance** [Info](#)

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

**Name and tags** [Info](#)

Key	Value	Resource types
Name	PES1UG21CS596_SINCHANA_S	Instances Volumes

[Add new tag](#)  
You can add up to 49 more tags.

**Application and OS Images (Amazon Machine Image)** [Info](#)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below.

**Summary**

Number of instances [Info](#)  
1

Software Image (AMI)  
Amazon Linux 2023 AMI 2023.3.2...[read more](#)  
ami-0005e0cfe09cc9050

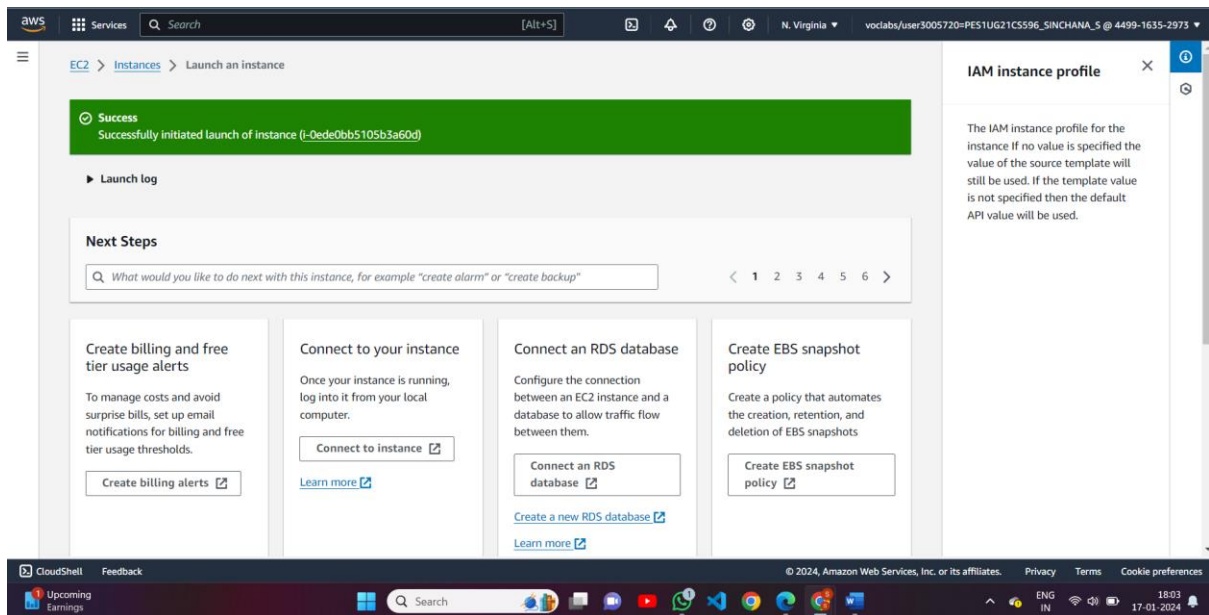
Virtual server type (instance type)  
t2.micro

Firewall (security group)  
New security group

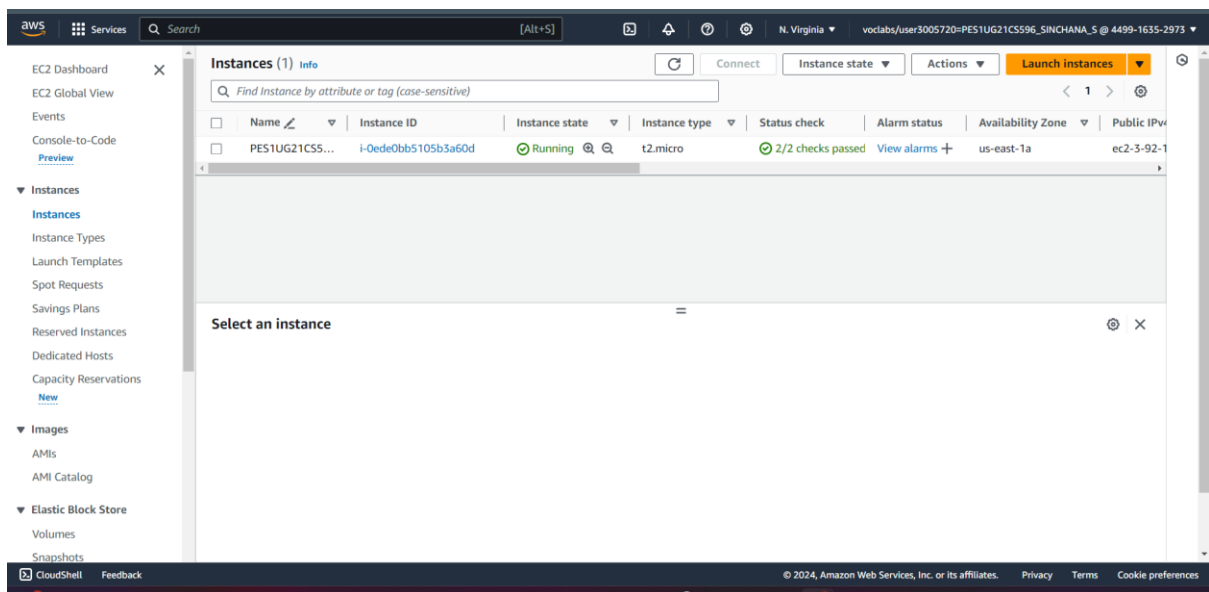
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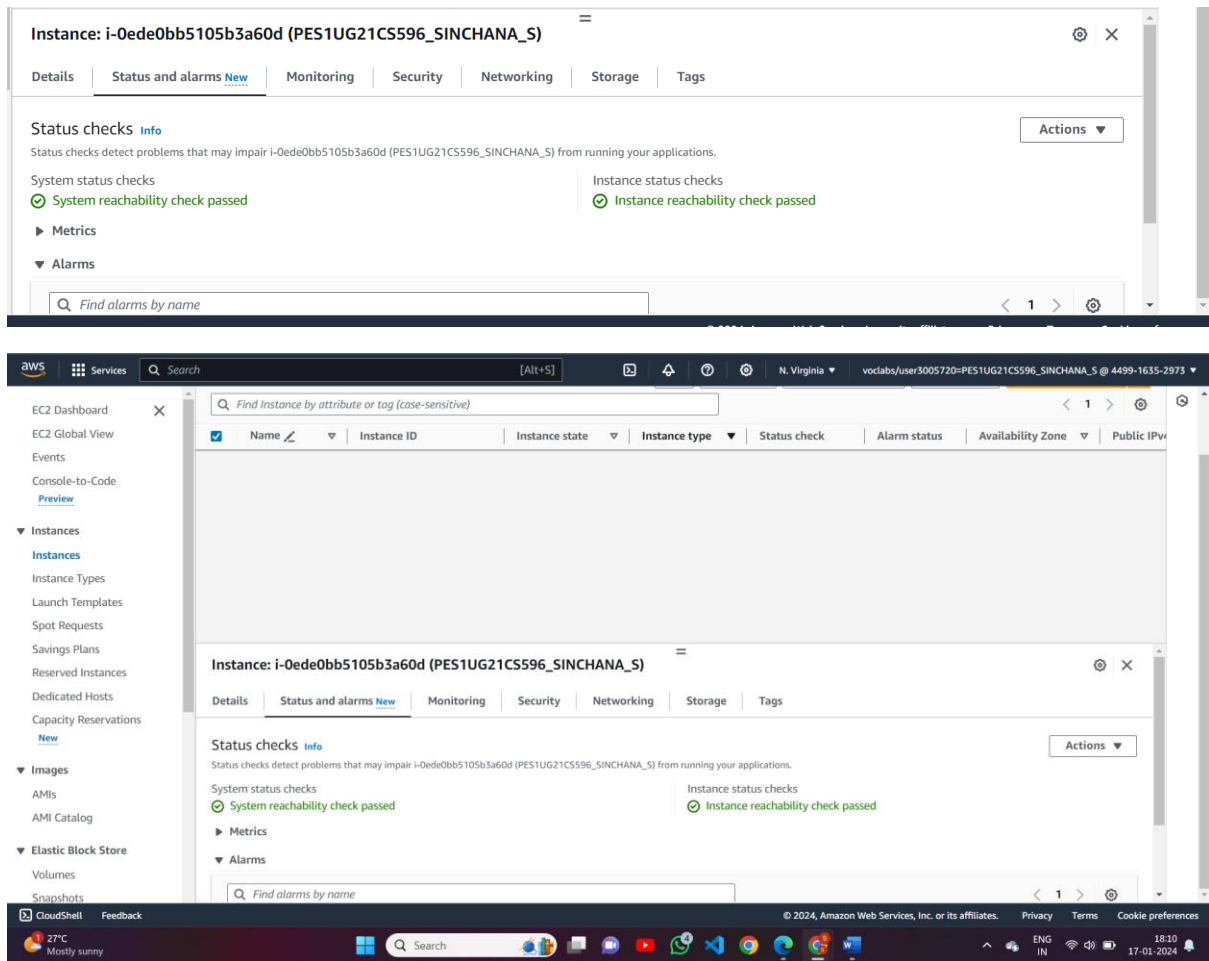
[Cancel](#) [Launch instance](#) [Review commands](#)



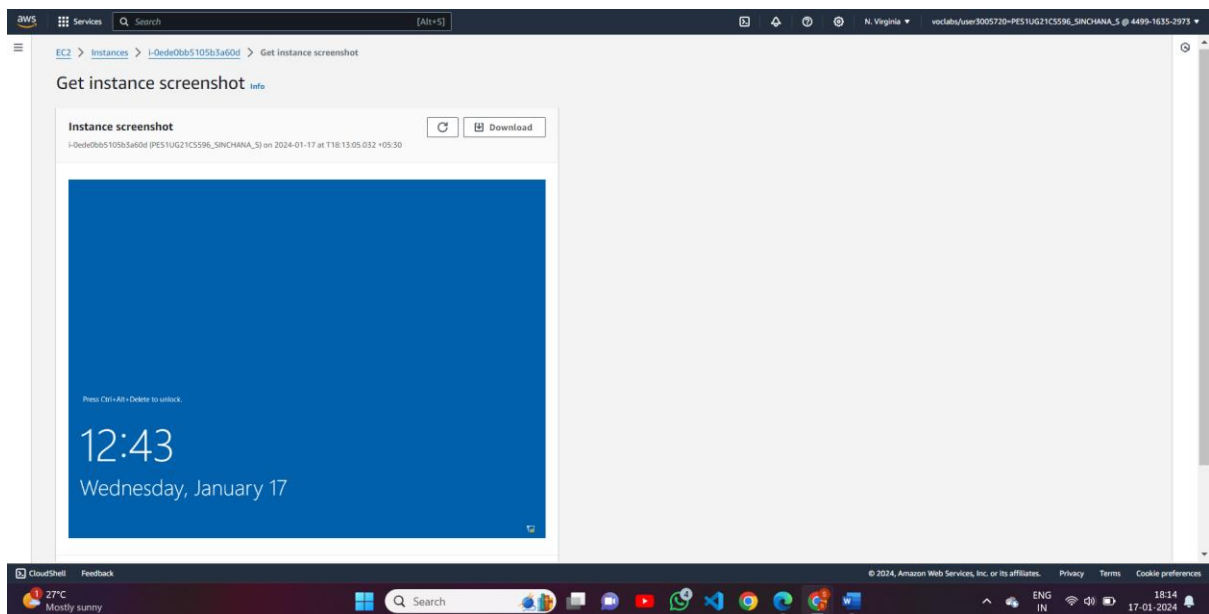
## EC2 instance in running state



## Monitor your instance



## Get instance Screenshot



# Updating your security group and accessing the web server

The image displays two screenshots from an AWS environment. The top screenshot shows the AWS Management Console with a notification that inbound security group rules were successfully modified on the 'Web Server security group' (sg-02ff7435ebfef3c43). Below the notification, a table lists the security groups:

Name	Security group ID	Security group name	VPC ID	Description
-	sg-0361d9331c2ff6c84	default	vpc-00ee5421749dae515	default VPC security group
-	sg-0a7063a3c1fab8143	default	vpc-0970dd1d08eb4de25	default VPC security group
-	sg-02ff7435ebfef3c43	Web Server security group	vpc-00ee5421749dae515	Security group for the web server

The bottom screenshot shows a remote desktop view of a web server. The browser displays a 'Home Page' with a large owl image. The page content includes a welcome message for students and instructions on how to use the site to identify birds. The footer mentions '© Amazon Web Services Ltd' and 'The bird descriptions were provided by www.allaboutbirds.org, © Cornell Lab of Ornithology'.

# Viewing the remote desktop with AWS Systems Manager Fleet Manager

aws

Services

Search

[Alt+S]

N. Virginia

voclabs/user3005720=PES1UG21CS596\_SINCHANA\_S @ 4499-1635-2973

Systems Manager > Fleet Manager > Managed nodes

Fleet Manager [Info](#)

Settings Account management

You may have unmanaged Amazon EC2 instances

You can automatically configure Amazon EC2 instances as managed instances in your current account and Region by enabling Default Host Management Configuration. [Learn more](#)

Configure Default Host Management

Managed Nodes (1)

Filter

Last fetched at: 7:36 PM

Node ID

Node st...

Name

Platfor...

Operati...

Resourc...

Source ID

Ping st...

Agent v...

Image ID

EC2 insta...

[i-03a11e1...](#)

Running

PES1UG2...

Windows

Microsoft ...

EC2 instance

-

Online

3.2.1705.0

ami-05a5...

[Open EC2...](#)

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Search

ENG IN

19:36 17-01-2024

aws

Services

Search

[Alt+S]

N. Virginia

voclabs/user3005720=PES1UG21CS596\_SINCHANA\_S @ 4499-1635-2973

Fleet Manager - Remote Desktop

Add new session

You can connect to a maximum of 4 nodes in this view.

All sessions [i-03a11e1f881858a47](#)

Node ID

Node name

Session time remain

ing

60 minutes

Actions

Do you want to allow your PC to be discovered by other PCs and devices on this network?

We recommend allowing this on your home and work networks, but not public ones.

Yes No

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Search

ENG IN

19:40 17-01-2024

Successfully stopped i-03a11e1f881858a47

Instances (1/1) Info

Find Instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
PES1UG21CS5...	i-03a11e1f881858a47	Stopping	t2.micro	2/2 checks passed	View alarms +	us-east-1a	ec2-35-153-156-

Instance: i-03a11e1f881858a47 (PES1UG21CS596\_SINCHANA\_S)

Details Status and alarms New Monitoring Security Networking Storage Tags

Instance summary Info

Instance ID	i-03a11e1f881858a47 (PES1UG21CS596_SINCHANA_S)	Public IPv4 address	35.153.156.139 <a href="#">open address</a>	Private IPv4 addresses	10.0.1.120
IPv6 address	-	Instance state	Stopping	Public IPv4 DNS	ec2-35-153-156-139.compute-1.amazonaws.com <a href="#">open address</a>
Hostname type	IP name: ip-10-0-1-120.ec2.internal	Private IP DNS name (IPv4 only)	ip-10-0-1-120.ec2.internal		

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Successfully stopped i-03a11e1f881858a47

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PES1UG21CS5...	i-03a11e1f881858a47	Stopped	t2.micro	2/2 checks passed	View alarms +	us-east-1a	-

Instance: i-03a11e1f881858a47 (PES1UG21CS596\_SINCHANA\_S)

Details Status and alarms New Monitoring Security Networking Storage Tags

Instance summary Info

Instance ID	i-03a11e1f881858a47 (PES1UG21CS596_SINCHANA_S)	Public IPv4 address	-	Private IPv4 addresses	10.0.1.120
IPv6 address	-	Instance state	Stopped	Public IPv4 DNS	-
Hostname type	IP name: ip-10-0-1-120.ec2.internal	Private IP DNS name (IPv4 only)	ip-10-0-1-120.ec2.internal		

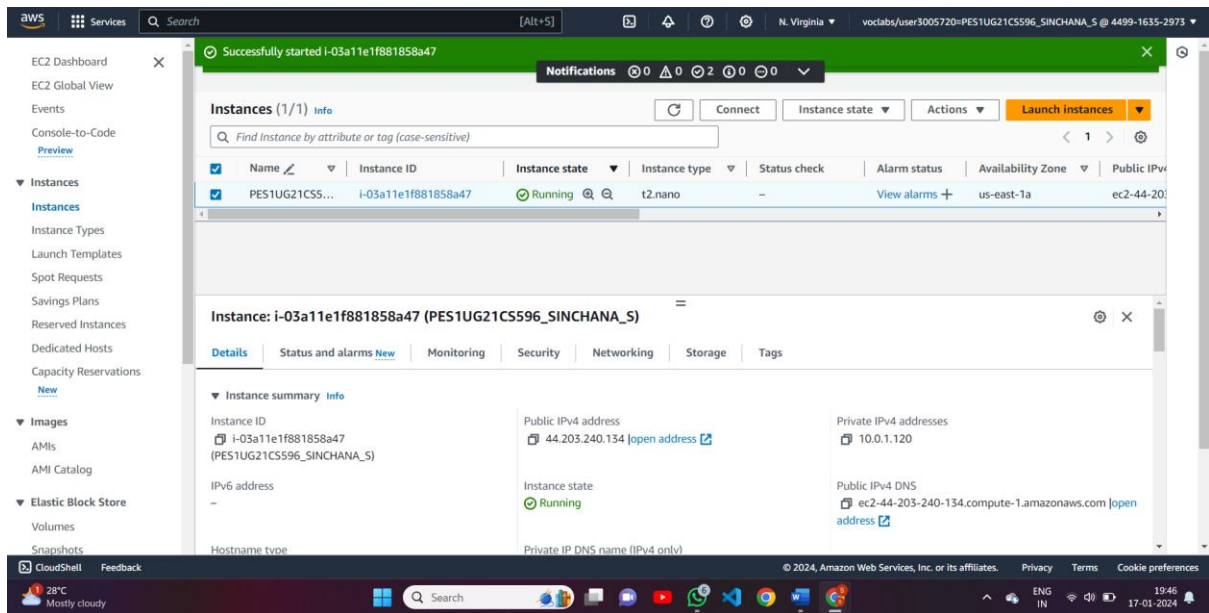
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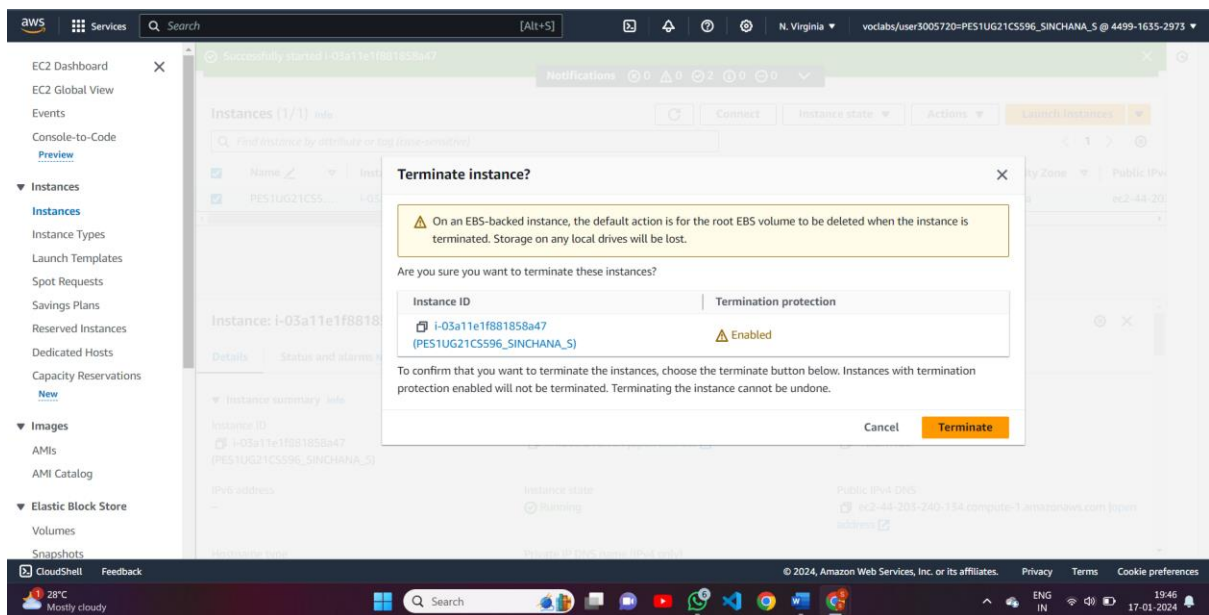
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Showing the instance volume resized





## EC2 instance in stopped state and terminated state



Failed to terminate an instance. The instance i-03a11e1f881858a47 may not be terminated. Modify its `disableapitermination` instance attribute and try again.

Instances (1/1) Info

Find instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 address
PES1UG21CS5...	i-03a11e1f881858a47	Running	t2.nano	2/2 checks passed	View alarms +	us-east-1a	ec2-44-203-240-134.compute-1.amazonaws.com [open address]

Instance: i-03a11e1f881858a47 (PES1UG21CS596\_SINCHANA\_S)

Details Status and alarms New Monitoring Security Networking Storage Tags

▼ Instance summary Info

Instance ID  
i-03a11e1f881858a47  
(PES1UG21CS596\_SINCHANA\_S)

Public IPv4 address  
44.203.240.134 [open address]

Private IPv4 addresses  
10.0.1.120

Instance state  
Running

Public IPv4 DNS  
ec2-44-203-240-134.compute-1.amazonaws.com [open address]

IPv6 address  
-

Private IP DNS name (IPv4 only)

Change termination protection

To prevent your instance from being accidentally terminated, you can enable termination protection for the instance. [Learn more](#)

Instance ID  
i-03a11e1f881858a47 (PES1UG21CS596\_SINCHANA\_S)

Termination protection  
☐ Enable

Termination protection disabled.  
The instance is no longer protected against accidental termination. If the instance is terminated, data stored on ephemeral storage is lost.

Cancel Save

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Successfully removed termination protection for instance i-03a11e1f881858a47. The instance can be terminated.

Notifications 1 0 0 0 0 0

Instances (1/1) Info

Find instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 address
PES1UG21CS5...	i-03a11e1f881858a47	Running	t2.nano	2/2 checks passed	View alarms +	us-east-1a	ec2-44-203-240-134.compute-1.amazonaws.com [open address]

Instance: i-03a11e1f881858a47 (PES1UG21CS596\_SINCHANA\_S)

Details Status and alarms New Monitoring Security Networking Storage Tags

▼ Instance summary Info

Instance ID  
i-03a11e1f881858a47  
(PES1UG21CS596\_SINCHANA\_S)

Public IPv4 address  
44.203.240.134 [open address]

Private IPv4 addresses  
10.0.1.120

Instance state  
Running

Public IPv4 DNS  
ec2-44-203-240-134.compute-1.amazonaws.com [open address]

IPv6 address  
-

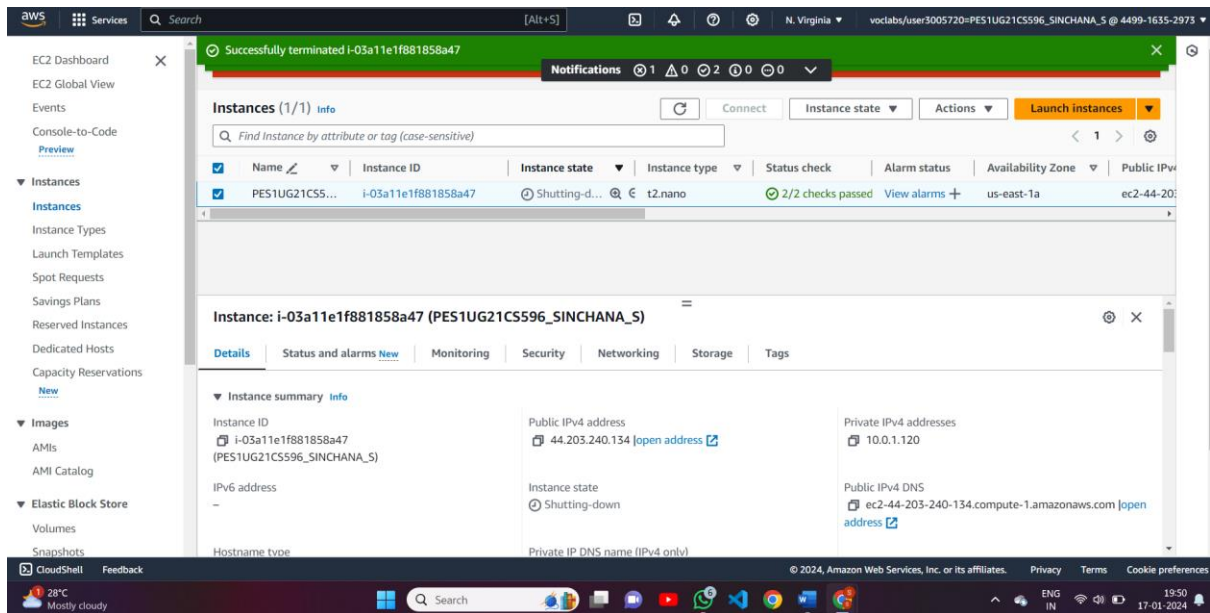
Private IP DNS name (IPv4 only)

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# FINAL ASSESSMENT

## Final assessment results

Your Score: 93.33% (140 points)

Passing Score: 70% (105 points)

Result:

Congratulations! You passed.

Review Quiz

Retry Quiz

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