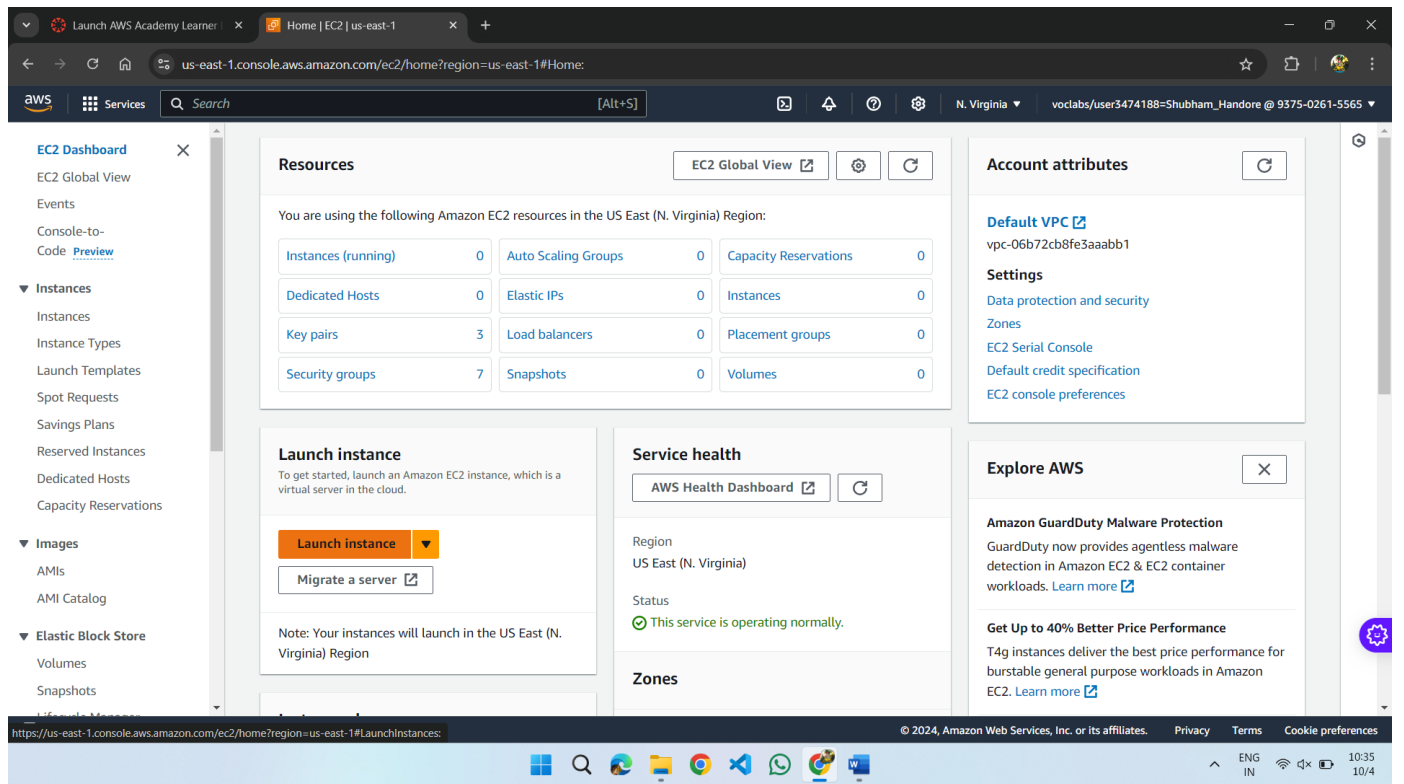
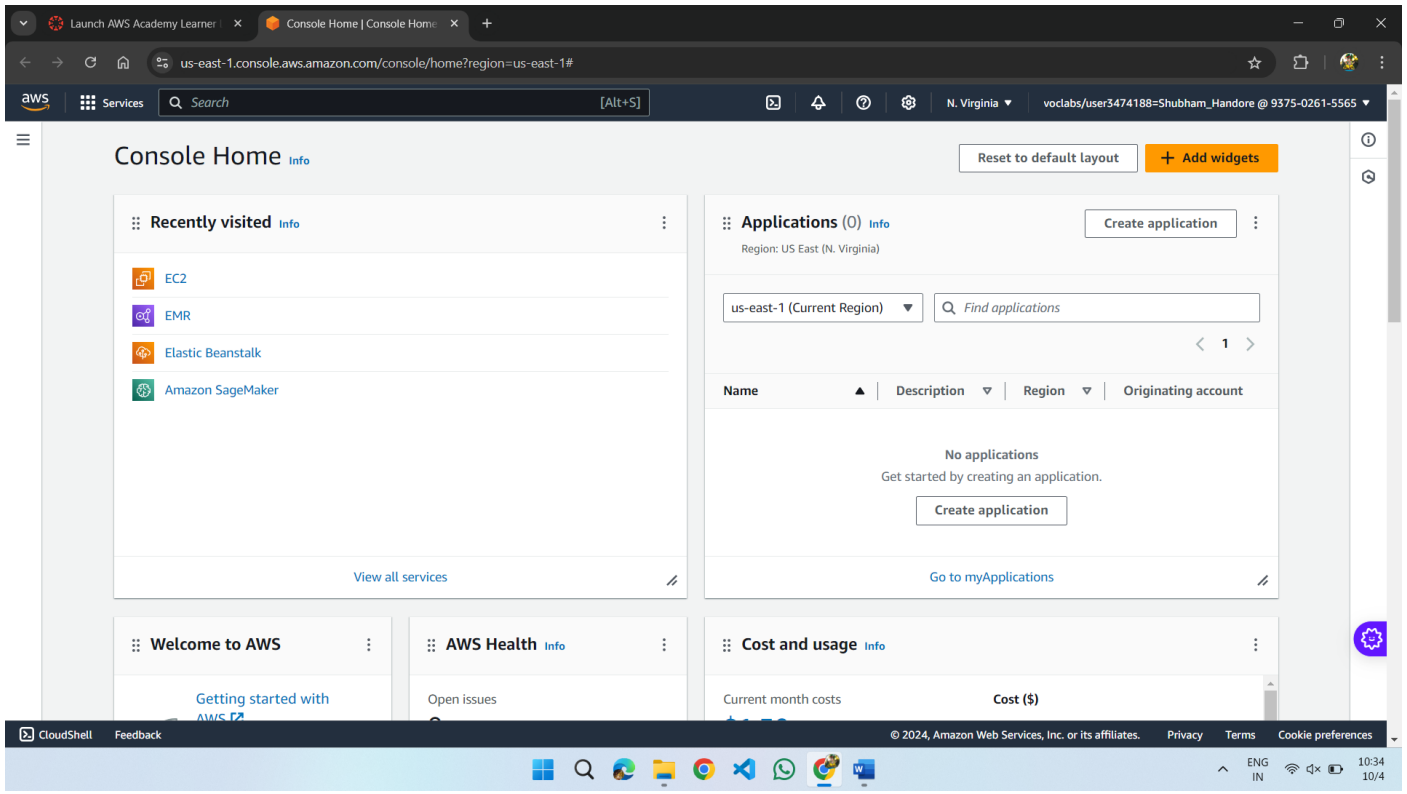


Cloud Computing Assignment 1

Launch EC2 instance (Windows) – AWS Platform



Launch AWS Academy LearnerLaunch an instance | EC2 | us-east-1

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

ServicesSearch[Alt+S]

N. Virginiavoclabs/user3474188=Shubham_Handore @ 9375-0261-5565

EC2Launch an instance

Launch an instance

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

Name

Window Server

Add additional tags

Application and OS Images (Amazon Machine Image)

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

Search our full catalog including 1000s of application and OS images

RecentsMy AMIsQuick Start

Summary

Number of instances1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.5.2...read more
ami-0ff1b9a61dec8a5f

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

CancelLaunch instance

Review commands

Launch AWS Academy LearnerLaunch an instance | EC2 | us-east-1

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

ServicesSearch[Alt+S]

N. Virginiovoclabs/user3474188=Shubham_Handore @ 9375-0261-5565

Application and OS Images (Amazon Machine Image)

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

Search our full catalog including 1000s of application and OS images

RecentsMy AMIsQuick Start

Amazon Linux

macOS

Ubuntu

Windows

Red Hat

SUSE Li

Browse more AMIs

Amazon Machine Image (AMI)

Microsoft Windows Server 2022 Base

ami-0888db1202897905c (64-bit (x86))

Virtualization: hvmENA enabled: trueRoot device type: ebs

Free tier eligible

Description

Microsoft Windows 2022 Datacenter edition. [English]

ArchitectureAMI IDUsername

Summary

Number of instances1

Software Image (AMI)
Microsoft Windows Server 2022 ...read more
ami-0888db1202897905c

Virtual server type (instance type)
t2.micro

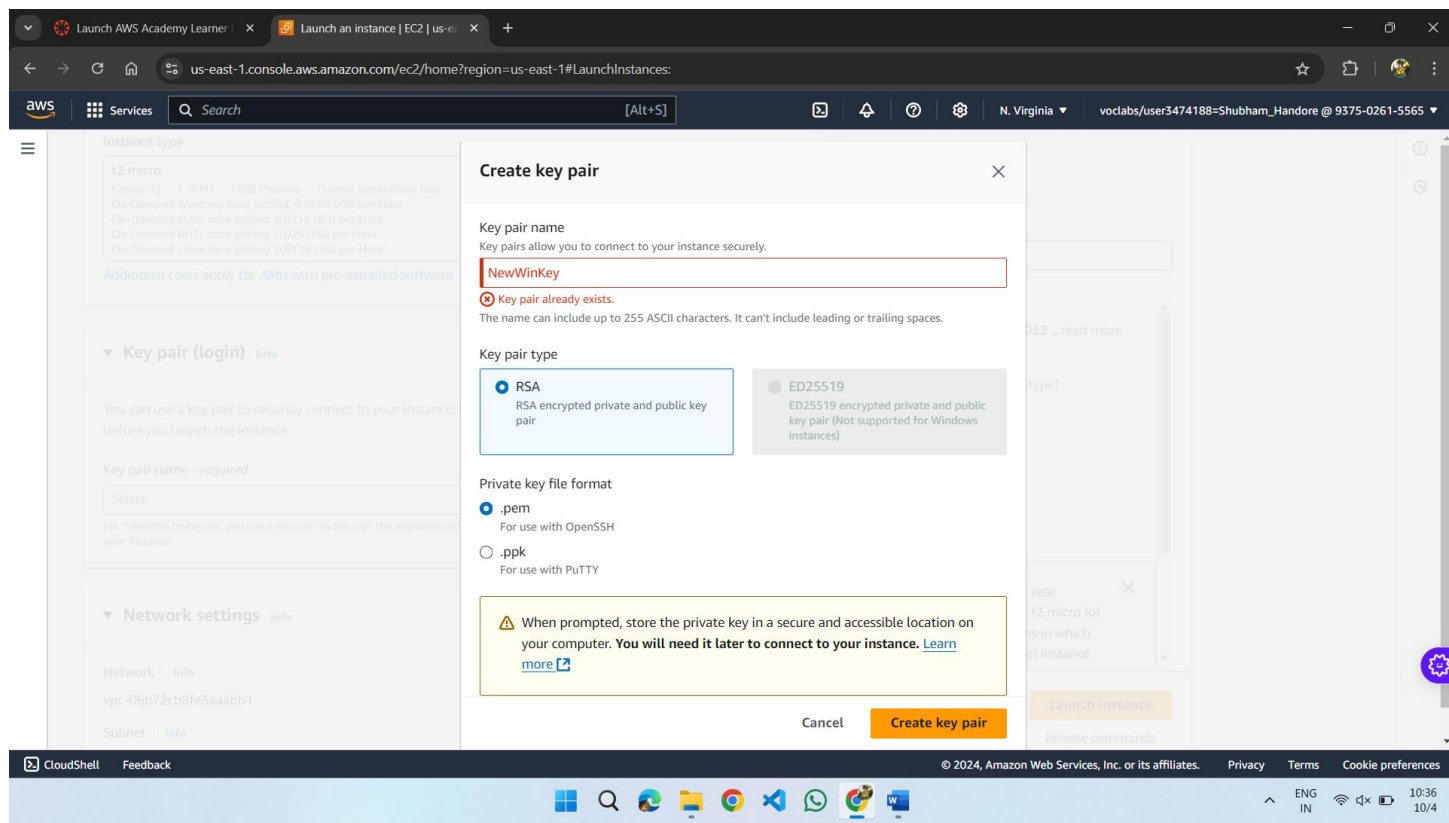
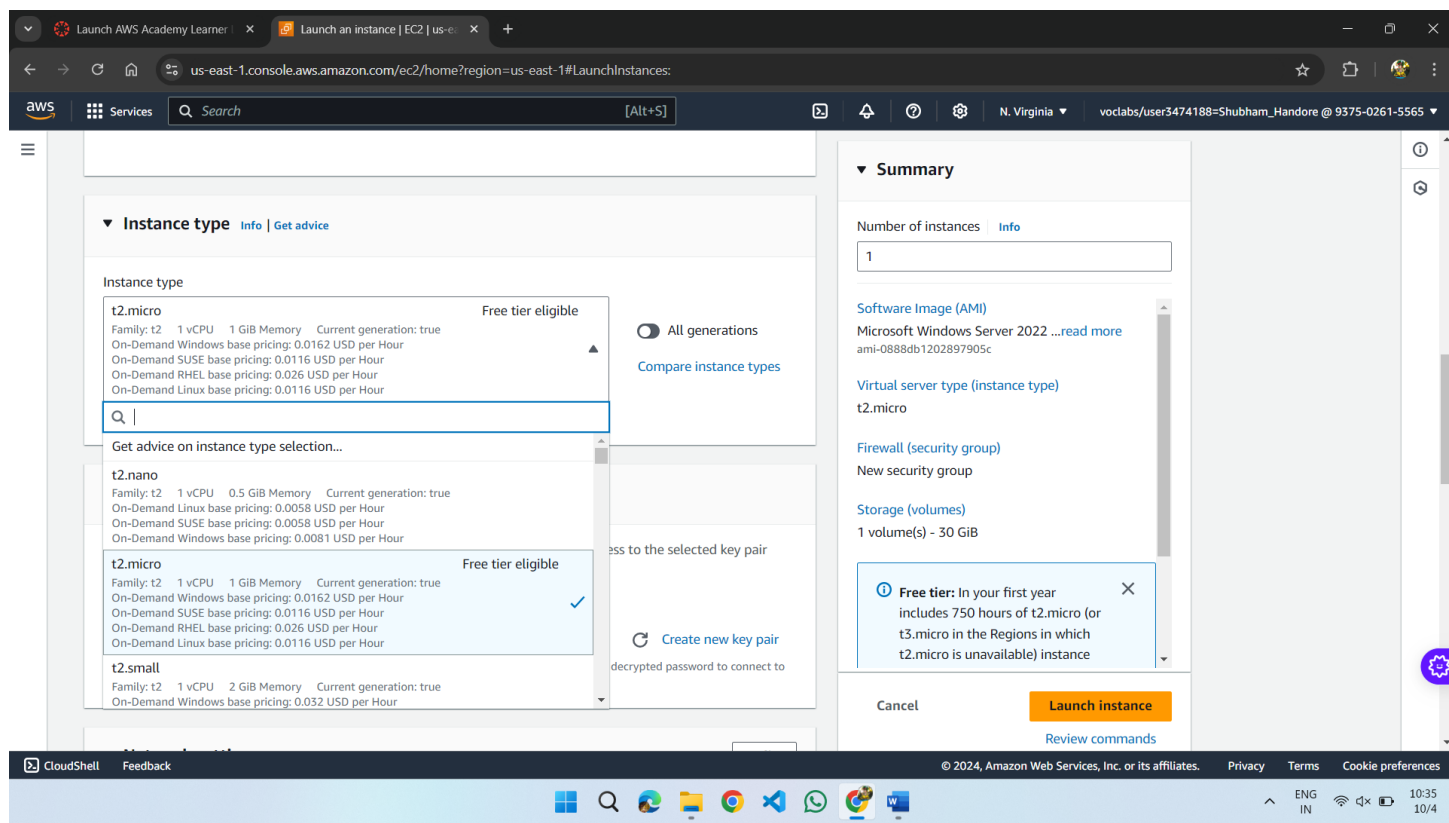
Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 30 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

CancelLaunch instance

Review commands



Launch AWS Academy Learner | Launch an instance | EC2 | us-east-1

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

Services Search [Alt+S]

N. Virginia | voclabs/user3474188=Shubham_Handore @ 9375-0261-5565

setting security group rules to allow access from known IP addresses only.

▼ Configure storage Info Advanced

1x 30 GiB gp2 Root volume (Not encrypted)

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage

Add new volume

The selected AMI contains more instance store volumes than the instance allows. Only the first 0 instance store volumes from the AMI will be accessible from the instance

Click refresh to view backup information
The tags that you assign determine whether the instance will be backed up by any Data Lifecycle Manager policies.

0 x File systems Edit

► Advanced details Info

▼ Summary

Number of instances Info
1

Software Image (AMI)
Microsoft Windows Server 2022 ...read more
ami-0888db1202897905c

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 30 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

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG IN 10:36 10/4

Launch AWS Academy Learner | Launch an instance | EC2 | us-east-1

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

Services Search [Alt+S]

N. Virginia | voclabs/user3474188=Shubham_Handore @ 9375-0261-5565

EC2 > ... > Launch an instance

Success
Successfully initiated launch of instance (i-0cd0b0a93da1b2676)

Launch log

Next Steps
What would you like to do next with this instance, for example "create alarm" or "create backup"

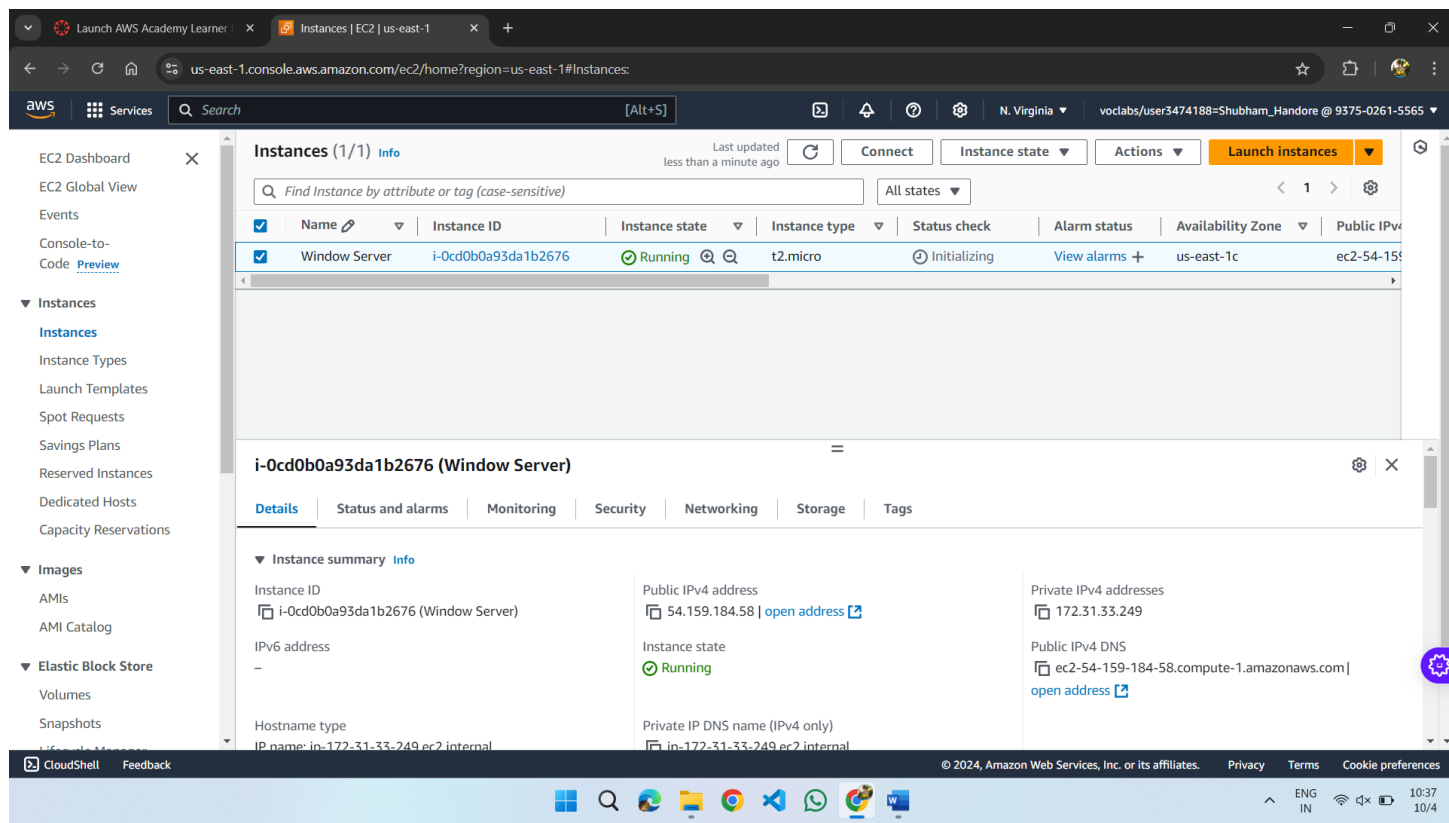
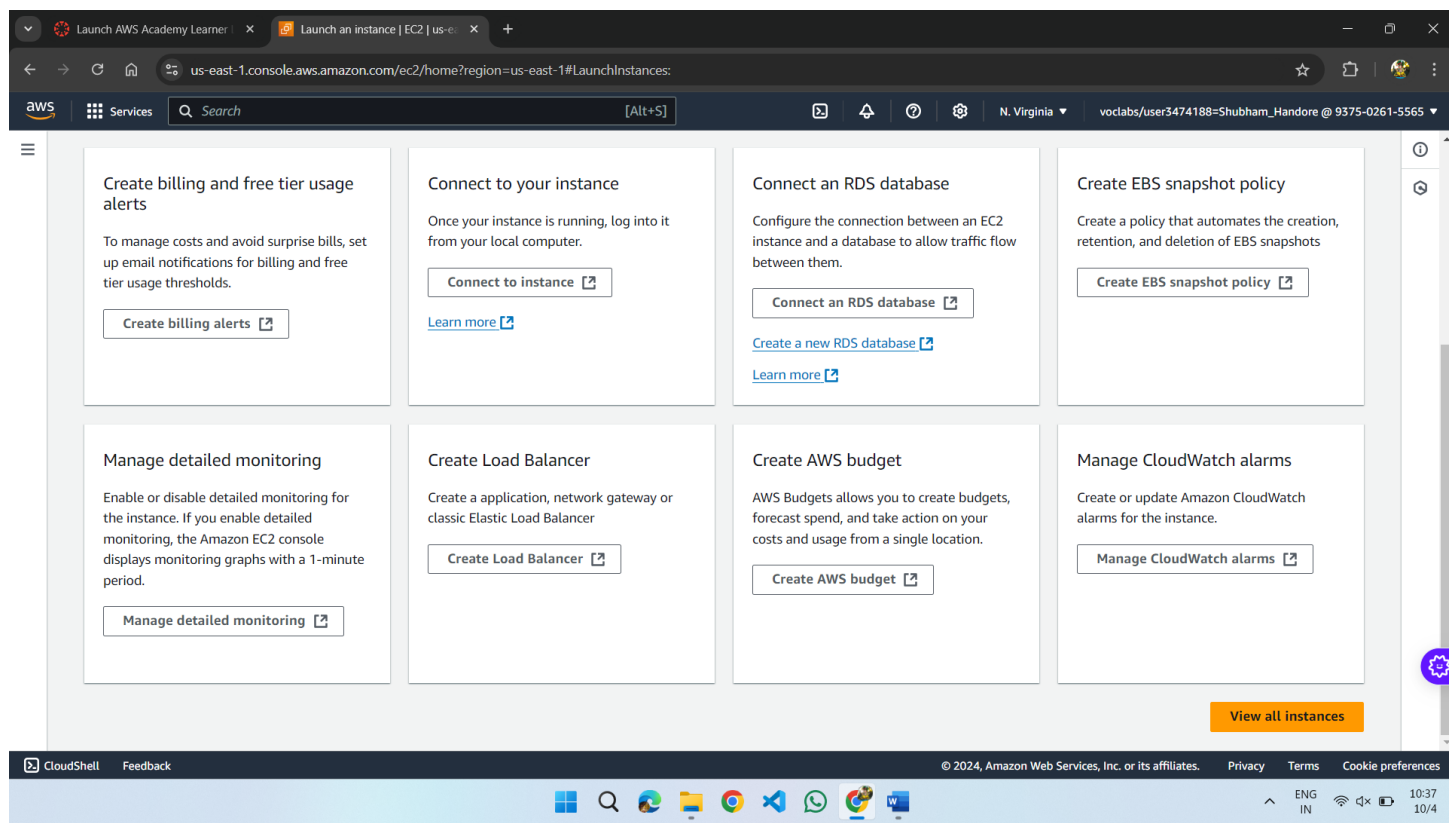
Create billing and free tier usage alerts
To manage costs and avoid surprise bills, set up email notifications for billing and free tier usage thresholds.
Create billing alerts

Connect to your instance
Once your instance is running, log into it from your local computer.
Connect to instance
Learn more

Connect an RDS database
Configure the connection between an EC2 instance and a database to allow traffic flow between them.
Connect an RDS database
Create a new RDS database
Learn more

Create EBS snapshot policy
Create a policy that automates the creation, retention, and deletion of EBS snapshots
Create EBS snapshot policy

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG IN 10:36 10/4



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-0cd0b0a93da1b2676

awsServicesSearch[Alt+S]

N. Virginiavoclabs/user3474188=Shubham_Handore @ 9375-0261-5565

EC2>Instances>i-0cd0b0a93da1b2676>Connect to instance

Connect to instance

Connect to your instance i-0cd0b0a93da1b2676 (Window Server) using any of these options

Session Manager

RDP client

EC2 serial console

Instance ID

i-0cd0b0a93da1b2676 (Window Server)

Connection Type

Connect using RDP client

Download a file to use with your RDP client and retrieve your password.

Connect using Fleet Manager

To connect to the instance using Fleet Manager Remote Desktop, the SSM Agent must be installed and running on the instance. For more information, see [Working with SSM Agent](#)

You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

Download remote desktop file

When prompted, connect to your instance using the following username and password:

Public DNS

ec2-54-159-184-58.compute-1.amazonaws.com

Username

Administrator

CloudShellFeedback© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferencesENG IN10:3710/4

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-0cd0b0a93da1b2676

awsServicesSearch[Alt+S]

N. Virginiavoclabs/user3474188=Shubham_Handore @ 9375-0261-5565

EC2>Instances>i-0cd0b0a93da1b2676>Connect to instance

Connect to instance

Connect to your instance i-0cd0b0a93da1b2676 (Window Server) using any of these options

Session Manager

RDP client

EC2 serial console

Instance ID

i-0cd0b0a93da1b2676 (Window Server)

Connection Type

Connect using RDP client

Download a file to use with your RDP client and retrieve your password.

Connect using Fleet Manager

To connect to the instance using Fleet Manager Remote Desktop, the SSM Agent must be installed and running on the instance. For more information, see [Working with SSM Agent](#)

You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

Download remote desktop file

When prompted, connect to your instance using the following username and password:

Public DNS

ec2-54-159-184-58.compute-1.amazonaws.com

Username

Administrator

Password

Get password

If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

Cancel

CloudShellFeedback© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferencesENG IN10:3710/4

Launch AWS Academy Learner | x

Get windows password | EC2 | x

+

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#GetWindowsPassword:instanceId=i-0cd0b0a93da1b2676;previousPlace=ConnectToInstance;lang=English

aws Services Search [Alt+S]

N. Virginia voclabs/user3474188=Shubham_Handore @ 9375-0261-5565

EC2 > Instances > i-0cd0b0a93da1b2676 > Get Windows password

Get Windows password [Info](#)

Use your private key to retrieve and decrypt the initial Windows administrator password for this instance.

Instance ID
i-0cd0b0a93da1b2676 (Window Server)

Key pair associated with this instance
NewWinKey

Private key
Either upload your private key file or copy and paste its contents into the field below.

Upload private key file

NewWinKey.pem
1.678KB

Private key contents - optional

```
-----BEGIN RSA PRIVATE KEY-----
MIIEpAlBAAKCAQEAmCOvILFA3Sc94CbHFGVsqaX2V+HutrwtSkYPE6npnrLlf
KZ4fI6EbHufw8I82Mf0+Vgr7OKjEsoPigsovagYwHJIESXVuMD5t68OrOKPgAPeG
I8bbXGldSB4QVEXwucxYEcETc29fxawlt4UKqUx5fynYPRpymBg4+IjhlOTbDB1Q
gzUvy63pds42h7koJNyc9fhMuAERICMd7KjkcTOoiXlyY3krS9QwrOajxtlibTPo
5JfJ3IpsdDFZFT0Xk4p6UdWYviJ6+fv0YN/gUevikVQVUj/qANFkv3Mxqli1Hd
YEwSVnCF4/mWgcKngDZJPFxs+lzxOR5aAslf5QIDAQABAoIBADXR6fbjika6yGw
lhyRBK/kqM3WiZdGkQINnYDt1V7I8x8XNKL0XRi21XFJe+Kdxv5IKBUoLVcN3QeJ
-----
```

CloudShell Feedback

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

ENG IN 10:40 10/4

Launch AWS Academy Learner | x

Connect to instance | EC2 | us-east-1 | x

+

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ConnectToInstance:instanceId=i-0cd0b0a93da1b2676

aws Services Search [Alt+S]

N. Virginia voclabs/user3474188=Shubham_Handore @ 9375-0261-5565

EC2 > Instances > i-0cd0b0a93da1b2676 > Connect to instance

Connect to instance

Connection Type

Connect using RDP client
Download a file to use with your RDP client and retrieve your password.

Connect using Fleet Manager
To connect to the instance using Fleet Manager Remote Desktop Client, you must first download the Remote Desktop Client software.

You can connect to your Windows instance using a remote desktop client. Download the Remote Desktop Client software and run the RDP shortcut file below:

Download remote desktop file

When prompted, connect to your instance using the following username and password:

Public DNS
ec2-54-159-184-58.compute-1.amazonaws.com

Username
Administrator

Password
9DG4cbFKMkgY1MuEjX7wBKDfsLwmNq@R

If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

Windows Security

Enter your credentials

These credentials will be used to connect to ec2-54-159-184-58.compute-1.amazonaws.com.

Administrator

Password

LAPTOP-A7IS6HDN\Administrator

Remember me

More choices

OK Cancel

CloudShell Feedback

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

ENG IN 10:40 10/4

