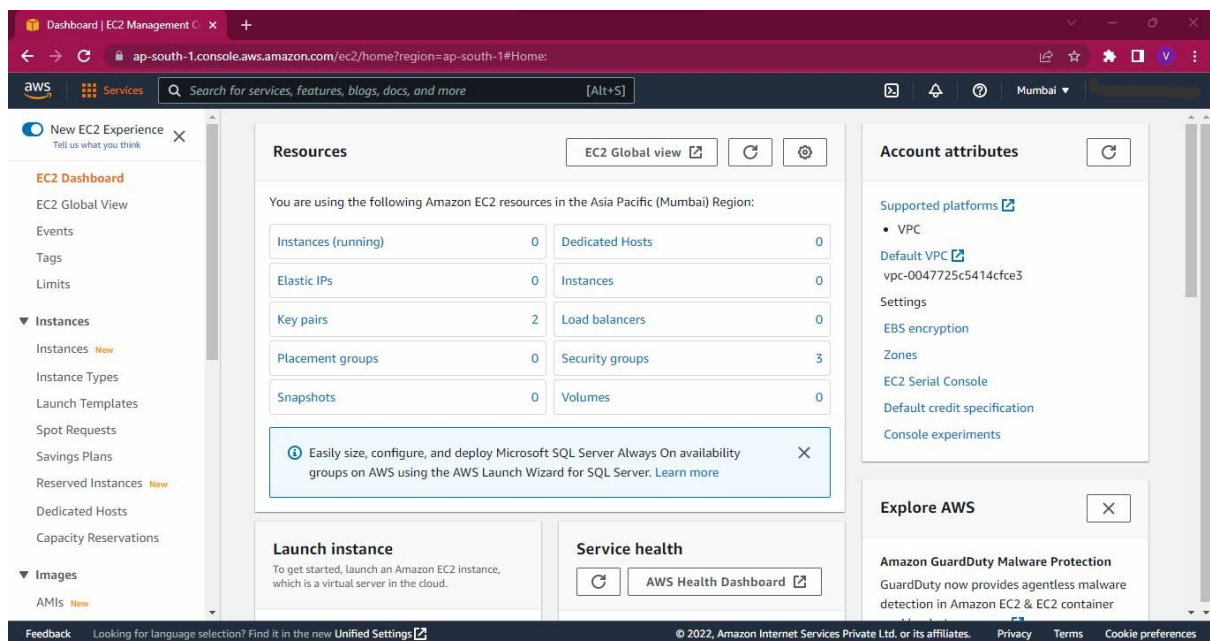


Aim: Create Windows EC2 instance and connect to Windows using instance.

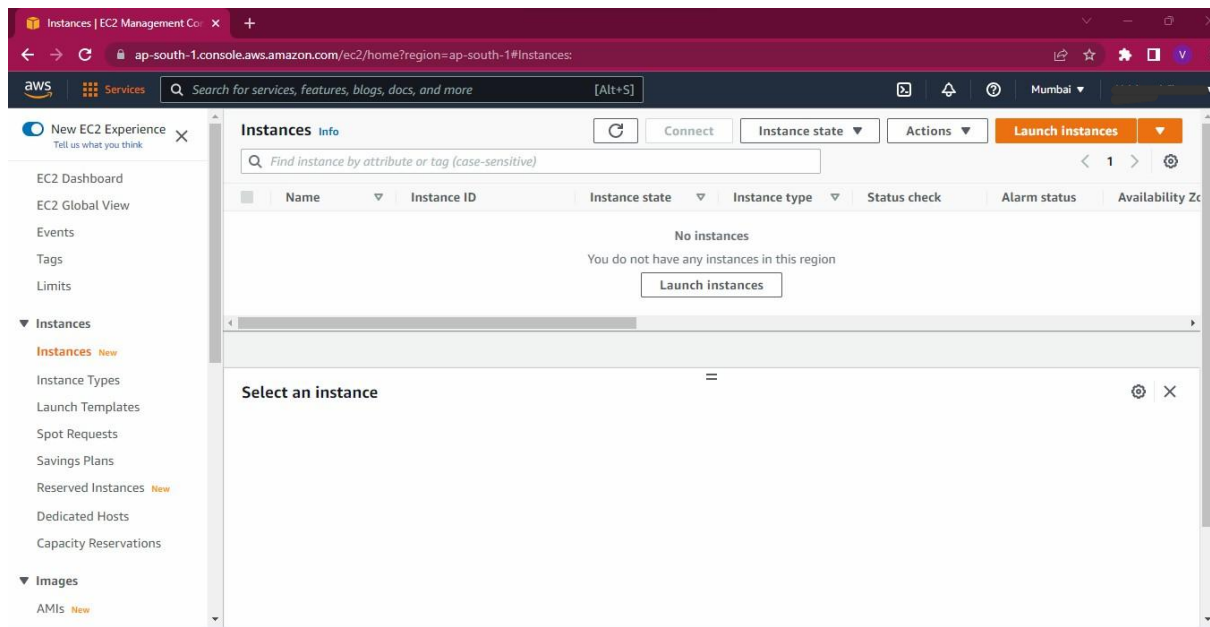
Description:

In this task, a Windows-based virtual machine (EC2 instance) was created and configured on Amazon Web Services (AWS). The process included selecting a Windows Server AMI, choosing an appropriate instance type (such as t2.micro), generating or using an existing key pair for authentication, and setting up a security group to allow RDP access on port 3389. After launching the instance, the public IP and administrator password (retrieved using the key pair) were used to establish a Remote Desktop Connection. This provided access to the cloud-hosted Windows environment directly from a local system. The activity helped in understanding how to deploy, configure, and securely connect to Windows instances in the AWS cloud infrastructure.

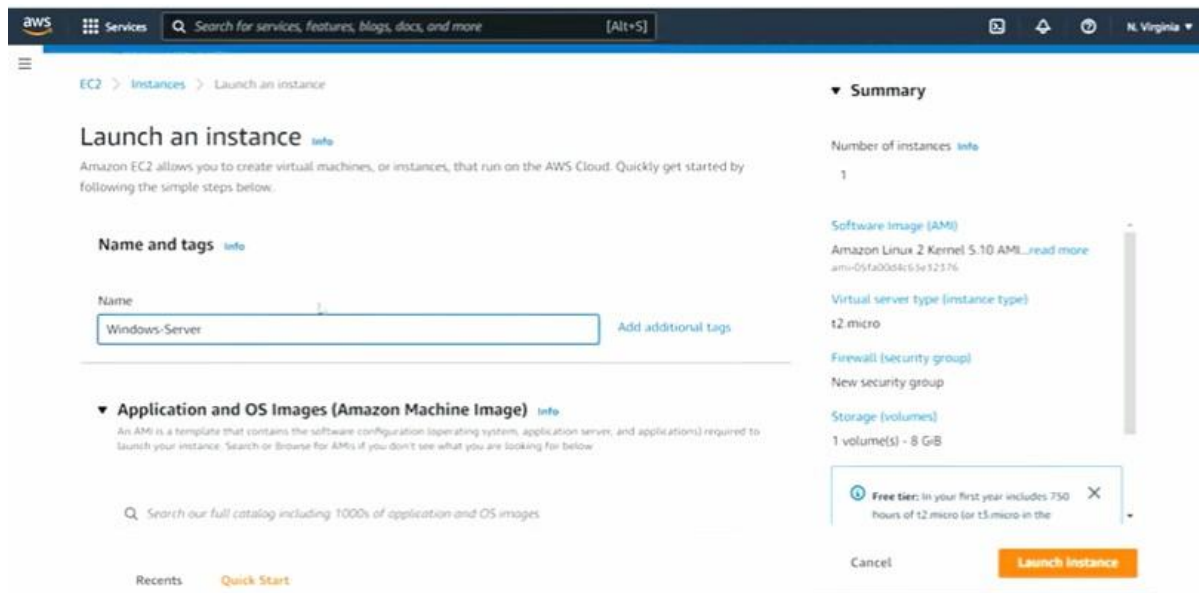
Step 1: To create instance on EC2 click on EC2 then select instance then click on instances.



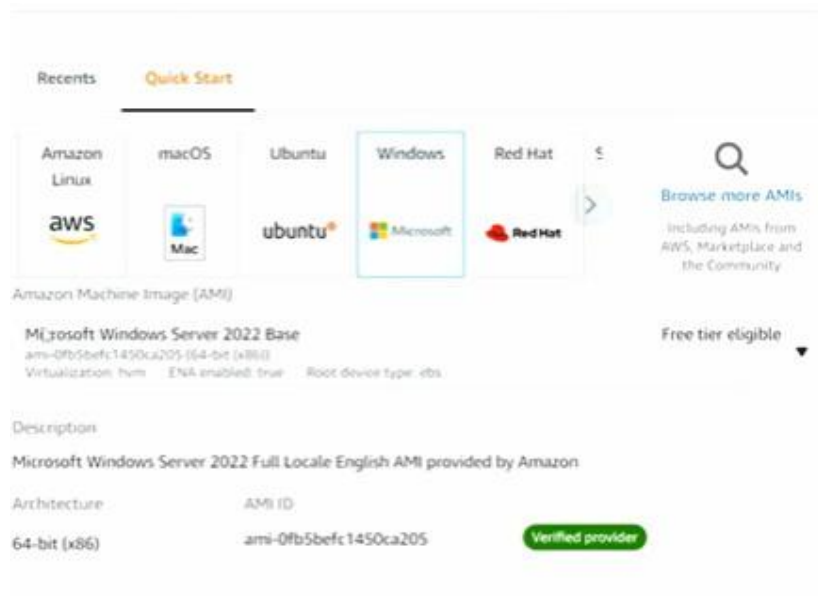
Step 2= In step 2 click on launch instances .



Step 3= Type Name of instance



Step 4 = Choose the OS as Windows and select AMI as Microsoft Windows Server 2022 Base, free tier eligible.



Step 5 = Choose an Instance Type . Choose t2 micro free tier eligible then click on configure instance details.



Step 6 = Select default Network settings. In Firewall, select Create security group choose Allow RDP traffic.

Network settings [info](#) Edit

Network [info](#)
 vpc-09793e5efbbb5b740

Subnet [info](#)
 No preference (Default subnet in any availability zone)

Auto-assign public IP [info](#)
 Enable

Firewall (security groups) [info](#)
 A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

Create security group Select existing security group

We'll create a new security group called 'launch-wizard-1' with the following rules:

- ☒ Allow RDP traffic from Helps you connect to your instance Anywhere (0.0.0.0/0)
- ☐ Allow HTTPS traffic from the internet To set up an endpoint, for example when creating a web server
- ☐ Allow HTTP traffic from the internet To set up an endpoint, for example when creating a web server

Summary

Number of instances [info](#)
 1

Software Image (AMI)
 Microsoft Windows Server 2022 ...[read more](#)
 ami-0f65b6f1450ca205

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 usage on free tier AMIs per month. 30 GiB of EBS storage. [Learn more](#)

Cancel Launch Instance

Step 7= Now click **Launch Instance** and instance is created as shown below.

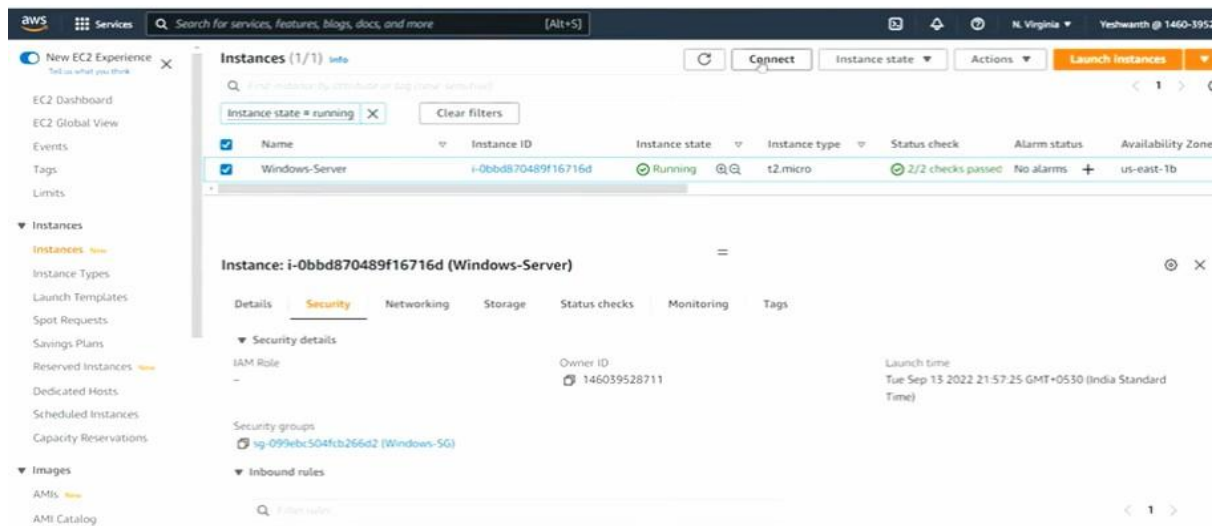
Instances (1) [info](#) Refresh Connect Instance state Actions Launch Instances

Clear filters

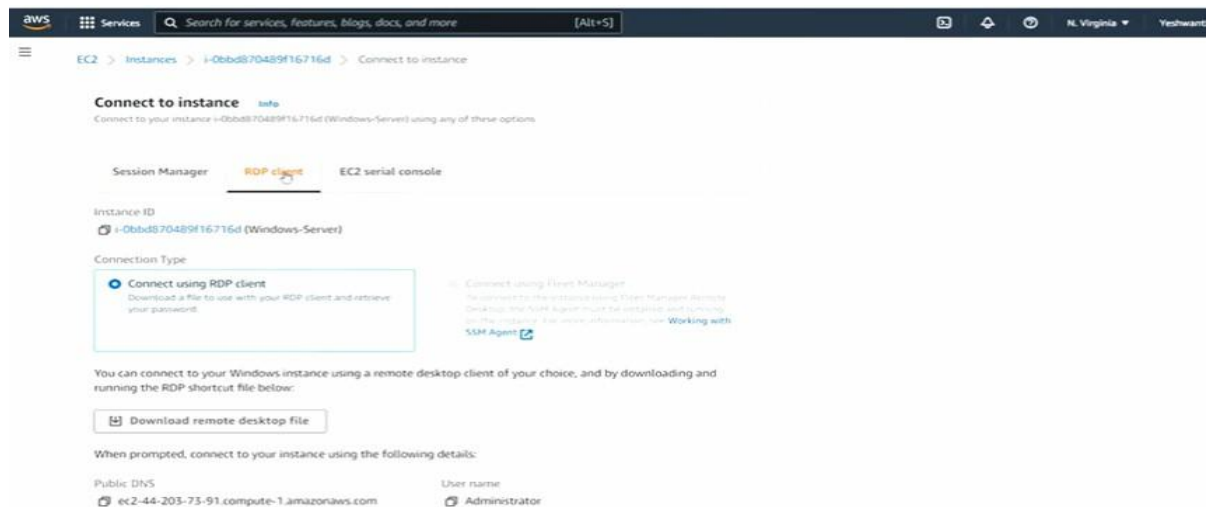
Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
Windows-Server	i-0b6d870489f16716d	Running	t2.micro	2/2 checks passed	No alarms	us-east-1b

Select an instance

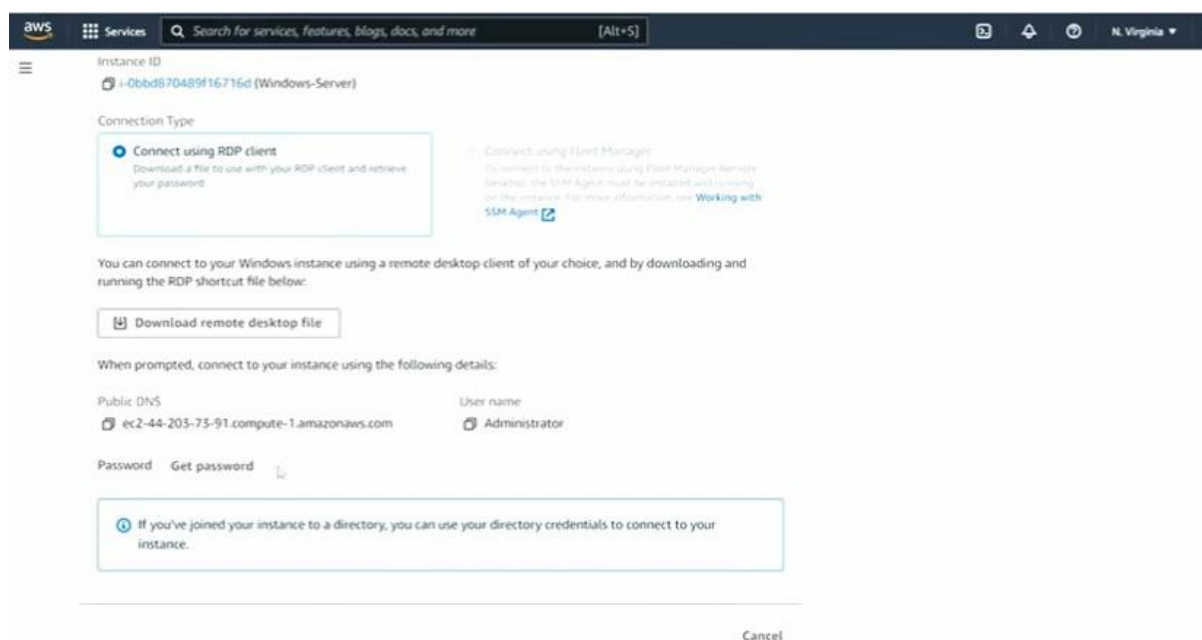
Step 8= Now to connect to Windows using EC2 instance, select instance and click **Connect**.



Step 9= Select RDP client, download remote desktop file.



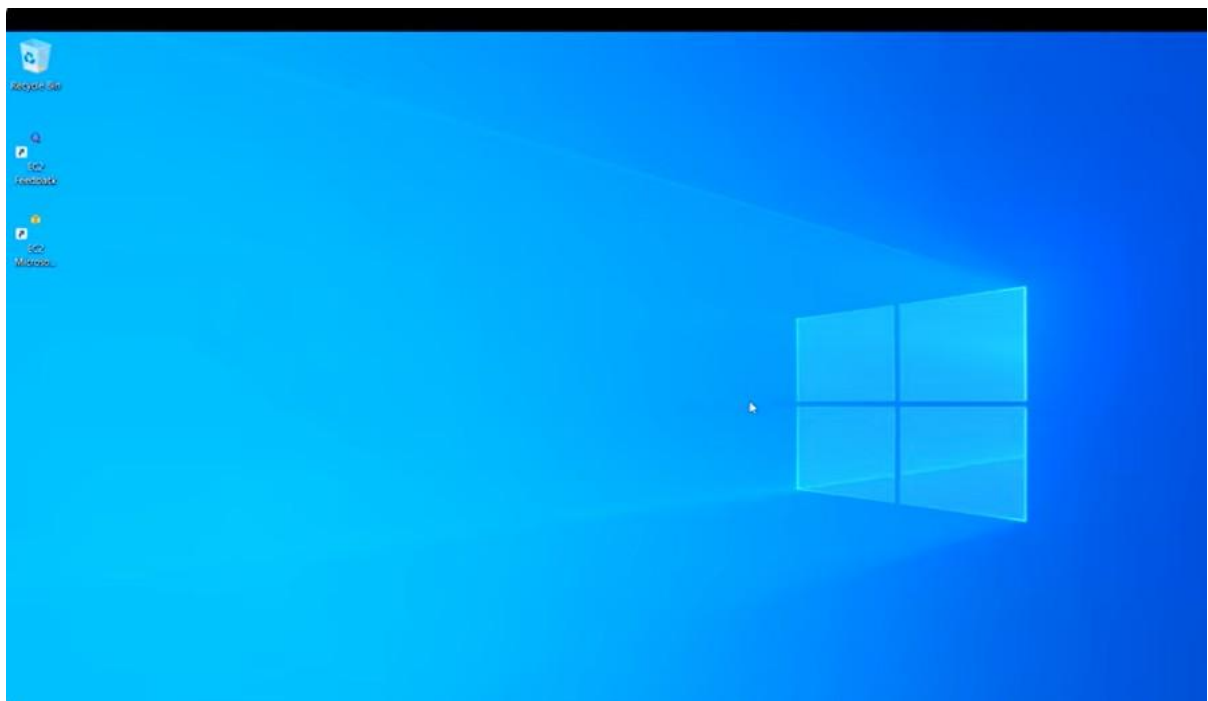
Step 10= Click on Get Password



Step 11= Click on Browse and select windows key . pem file and click **Decrypt password.**



Step 13= Connected to virtual windows.



Conclusion: We have created windows EC2 instance and also connected to windows.