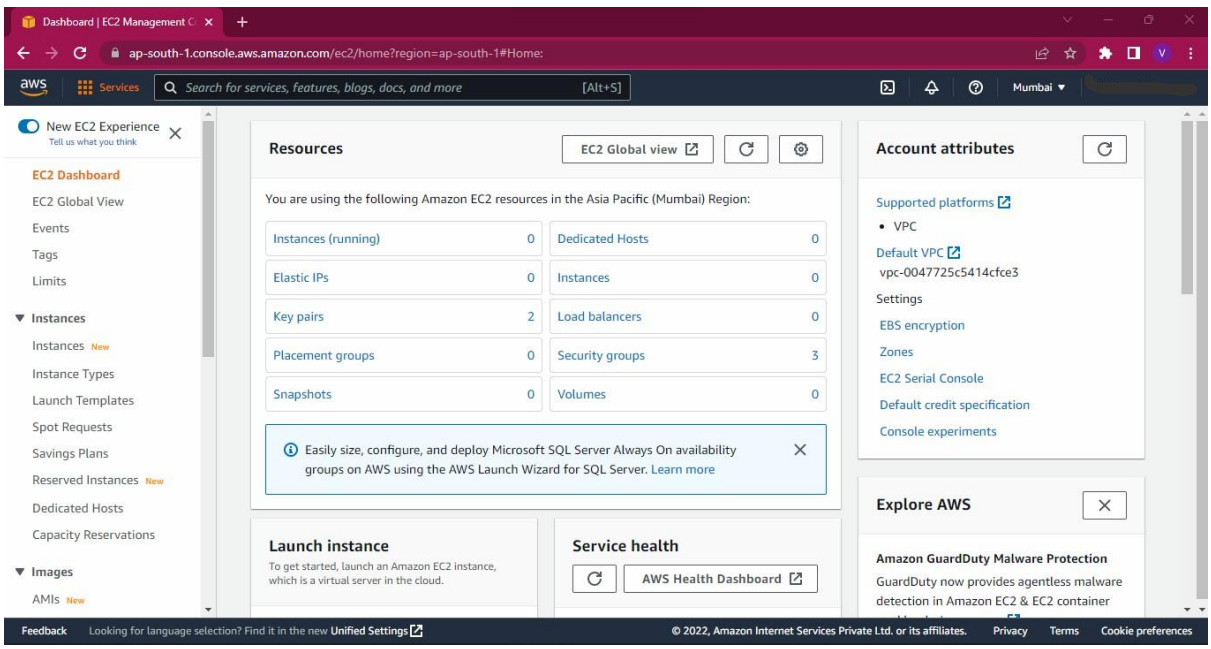
**Aim**: Create Windows EC2 instance and connect to Windows using instance.

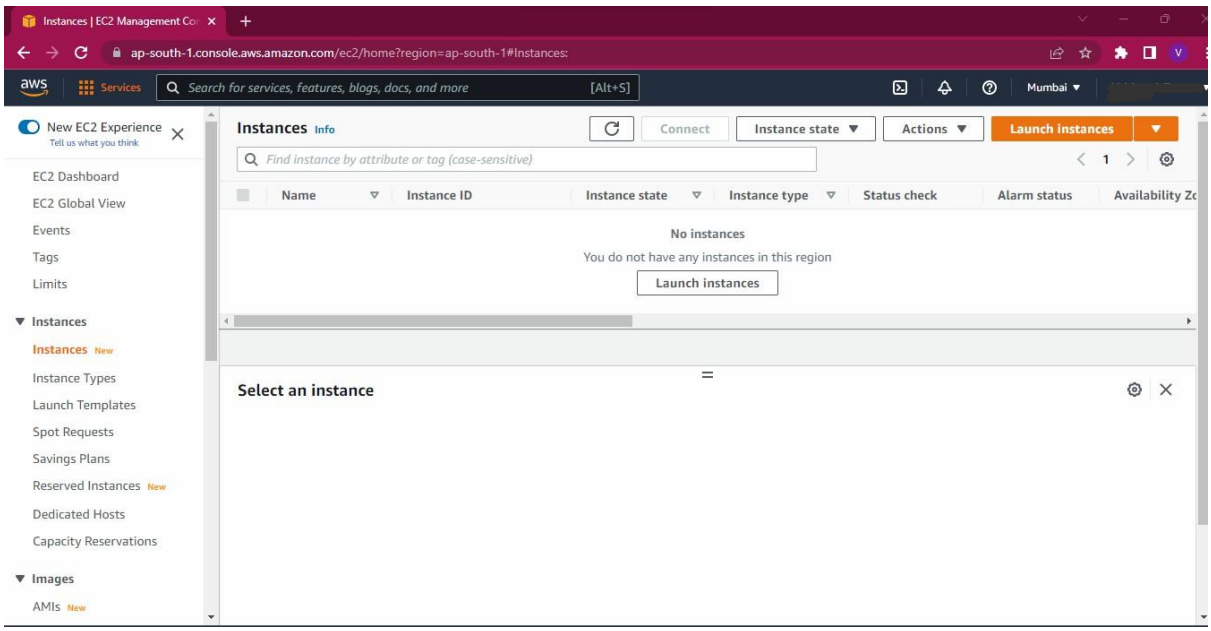
**Description:**

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.

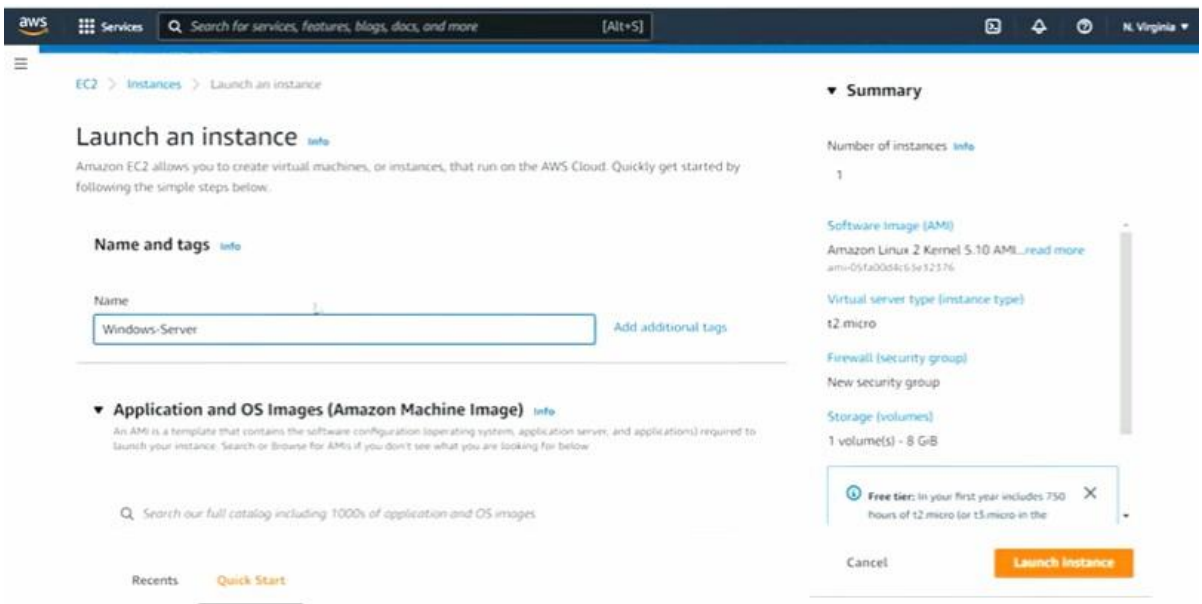
**Step 1:** To create instance on EC2 click on EC2 then select instance then click on instances.



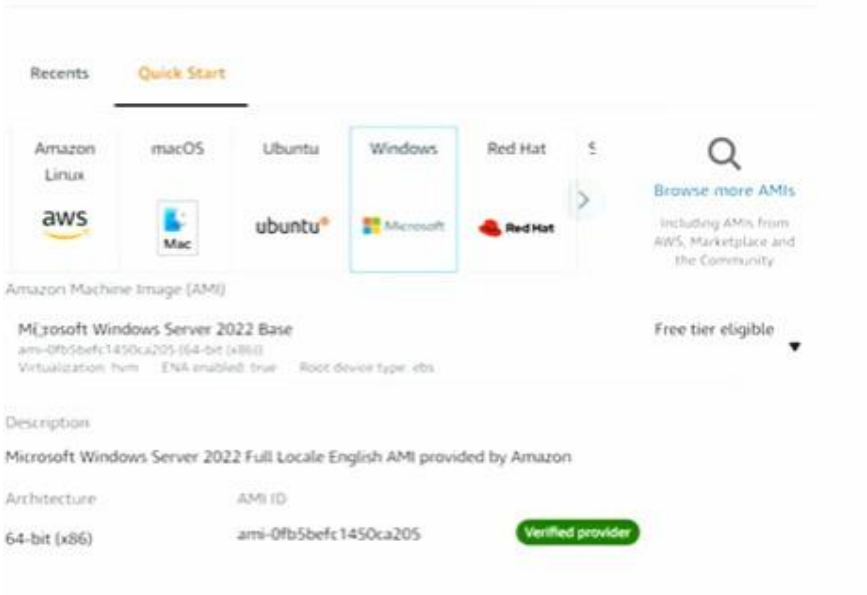
**Step 2**= In step 2 click on launch instances .




**Step 3** = Type Name of instance

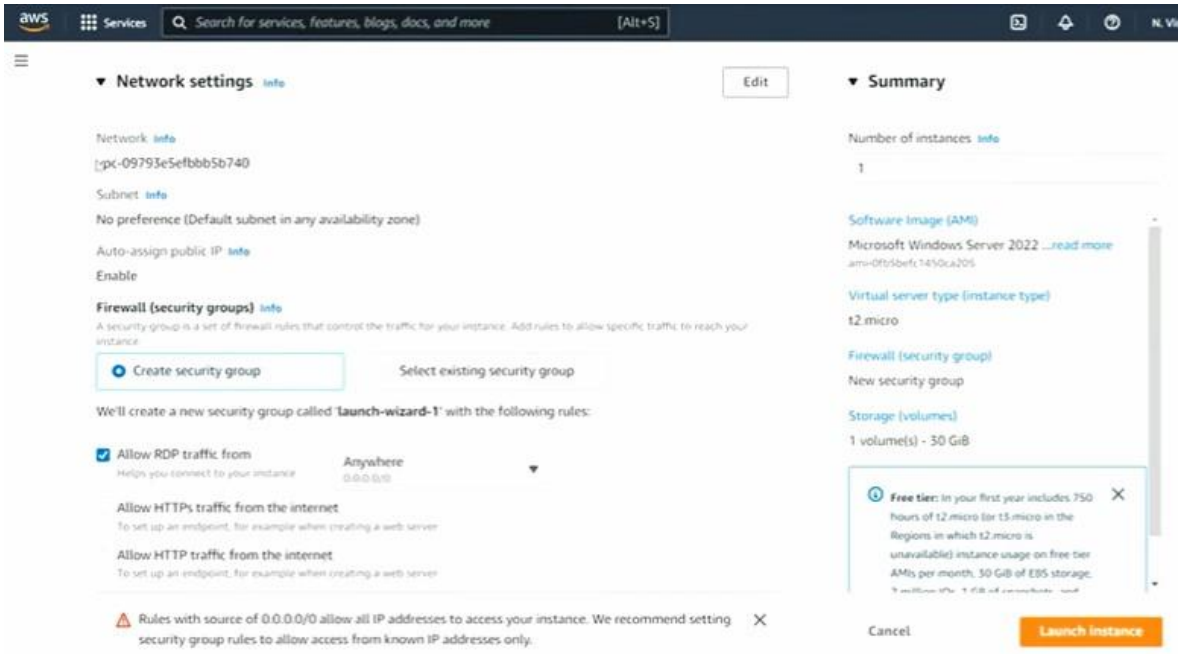


**Step 4** = Choose the OS as Windows and select AMI as Microsoft Windows Server 2022 Base, free tier eligible.

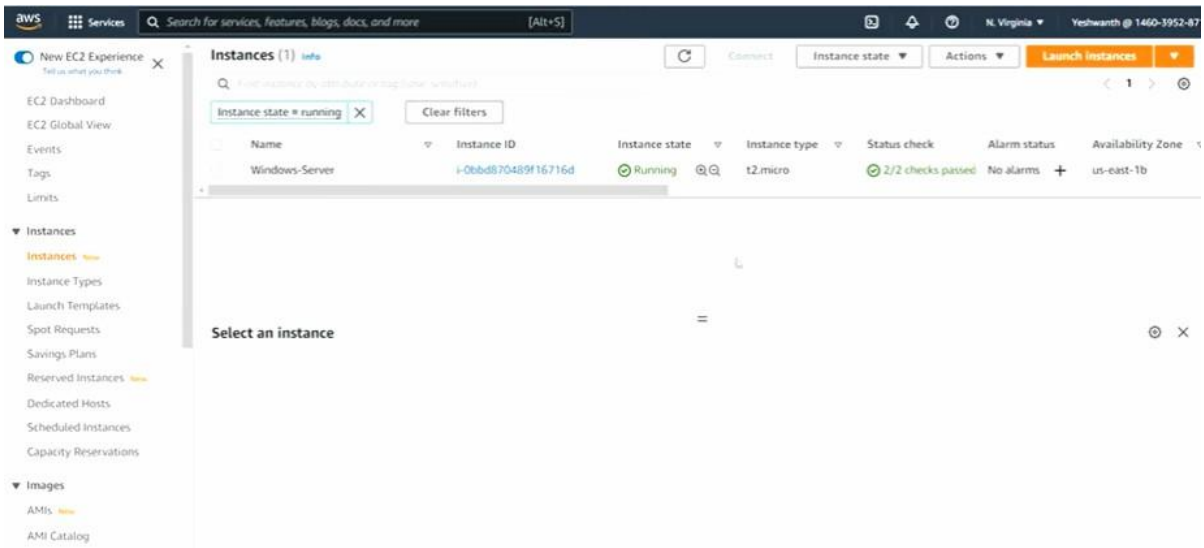



**Step 5**= Choose an Instance Type . Choose t2 micro free tier eligible then click on configure instance details.

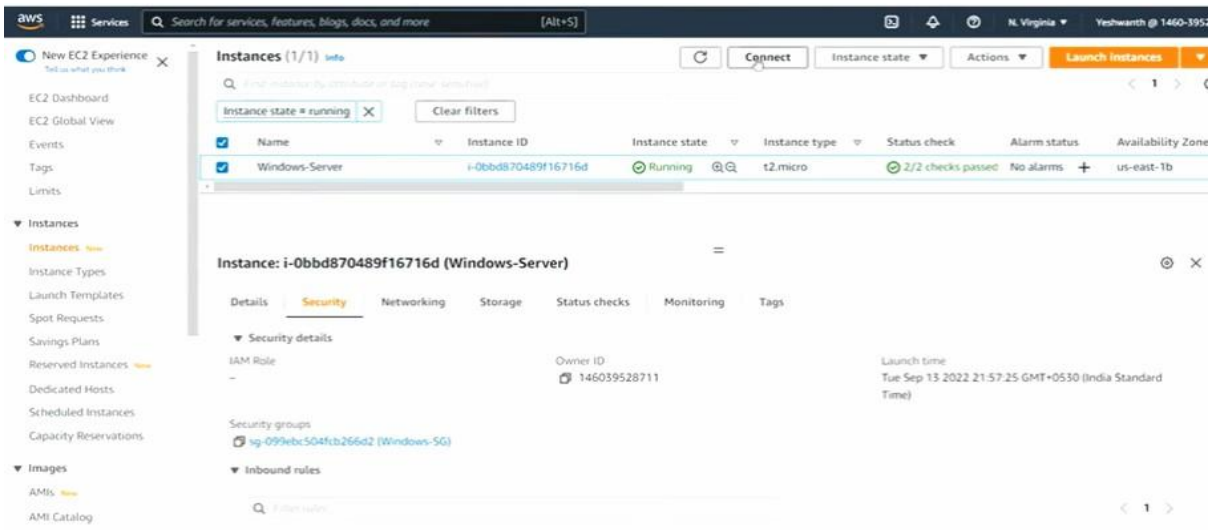
**Step 6** = Select default Network settings. In Firewall, select Create security group choose Allow RDP traffic.



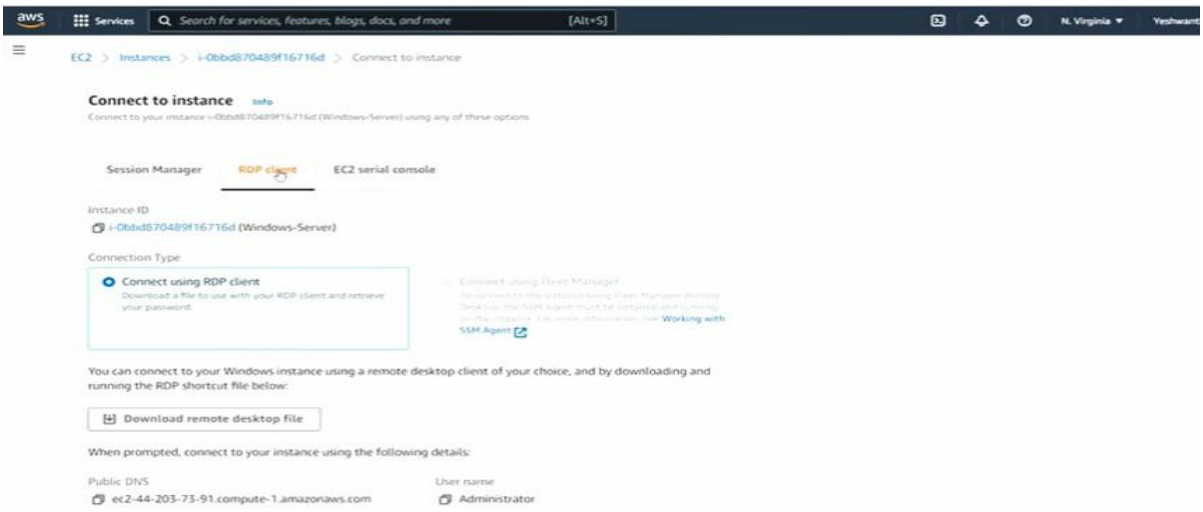

**Step 7**= Now click **Launch Instance** and instance is created as shown below.



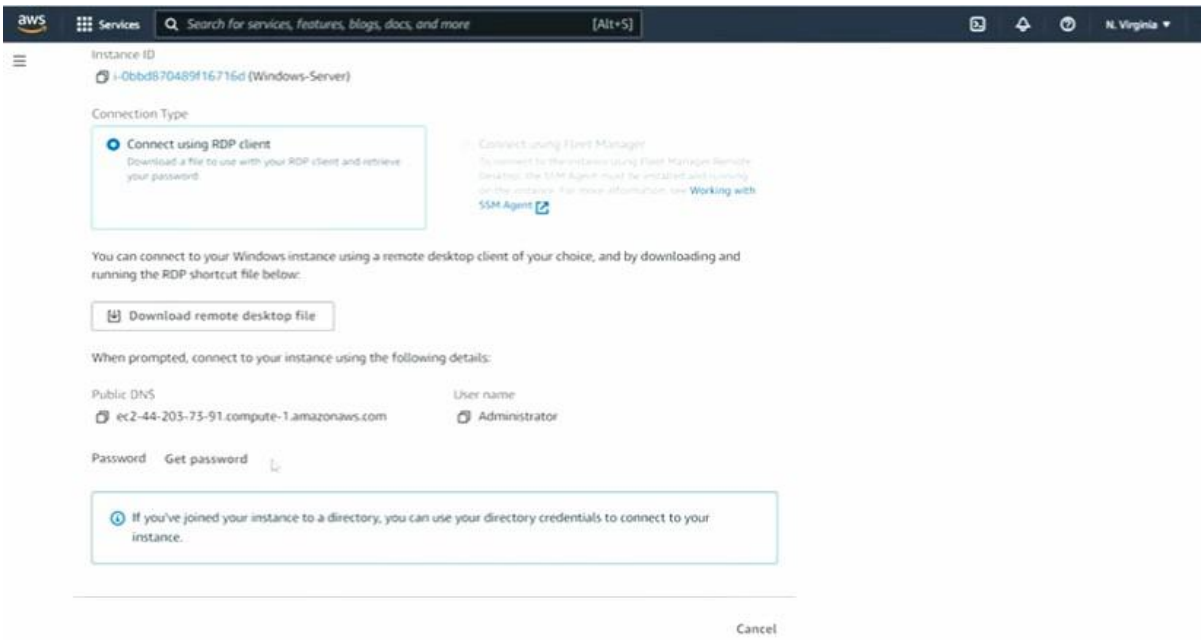
**Step 8=** Now to connect to Windows using EC2 instance, select instance and click **Connect.**



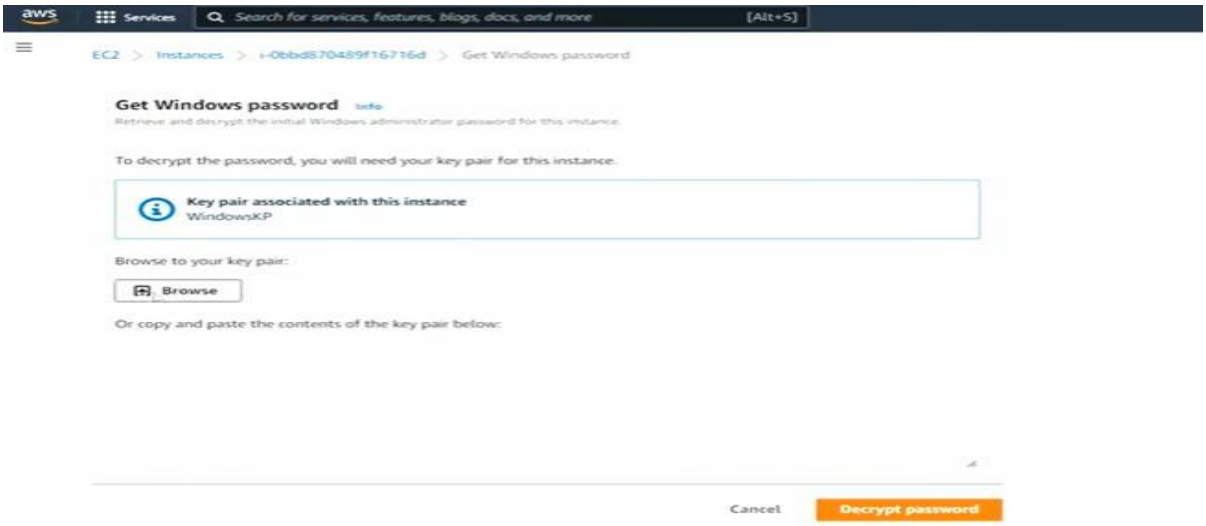

**Step 9=** Select RDP client, download remote desktop file.




**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.