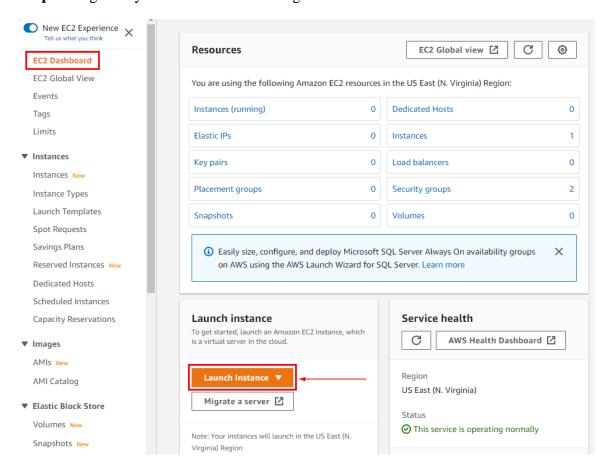
WEEK 2

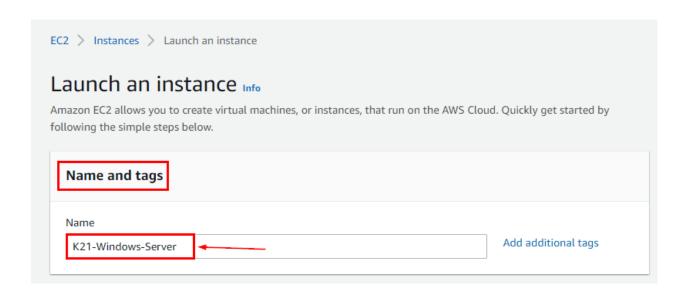
AIM: To Launch and connect Windows EC2 instance using the New launch instance wizard from Windows client operating system.

Steps To Create Amazon Windows EC2 Instance

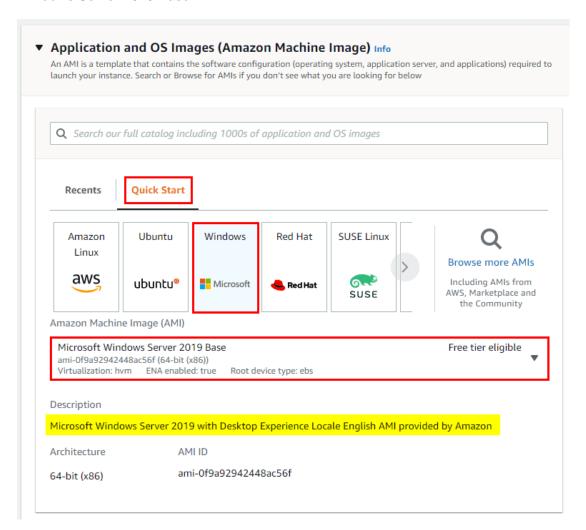
Step 1: Log in to your **AWS account** and go to the **EC2 dashboard** to **launch** a new instance.



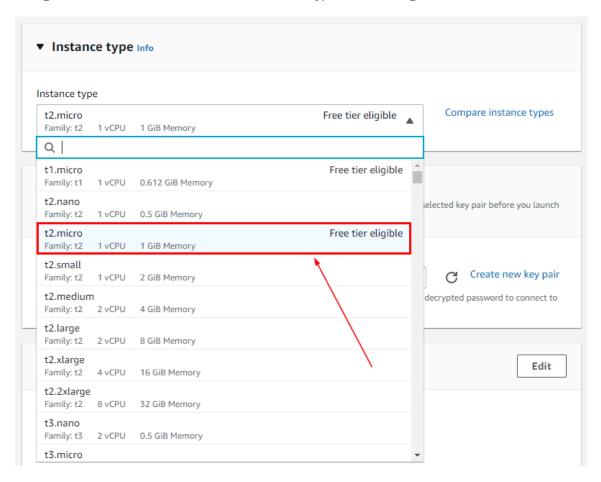
Step 2: In the Name and Tags step you can add tags to an instance, here tags help you to enable categorize AWS resources in different ways, for example, by owner, environment, or purpose. For example, you could define a set of tags for your account's Amazon EC2 instances that help you track each instance's owner and stack level.



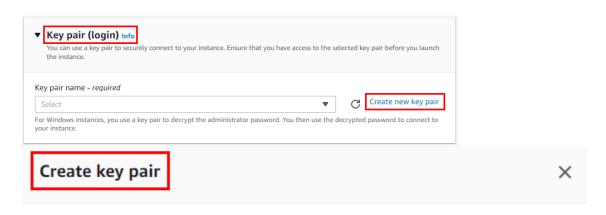
Step 3: Select **Windows** under QuickStart and Select **Microsoft Windows Server 2019 Base** AMI. You can also select other AMI as per your need but here we launching a Windows Server, so we have to select the Windows Server 2019 Base AMI.



Step 4: Select the **t2.micro** instance type, if you want you may select another instance type but they are chargeable so we choose the t2.micro instance type which is eligible for the free tier and limited resources.

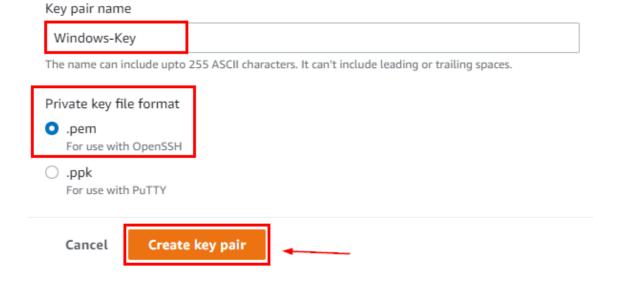


Step 5: Select an existing key pair or create a new one, we will Create a new one, enter the name of the Key-pair as Windows-Key and Create the Key Pair.

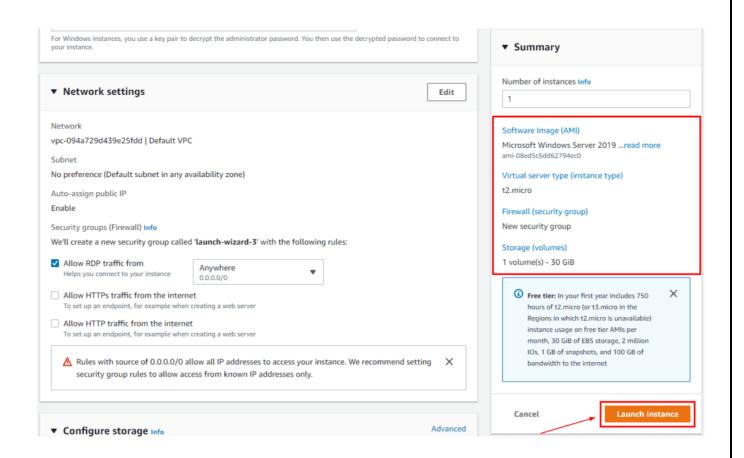


Key pairs allow you to connect to your instance securely.

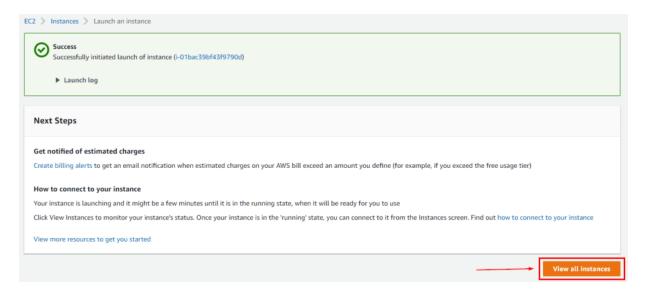
Enter the name of the key pair below. When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. Learn more



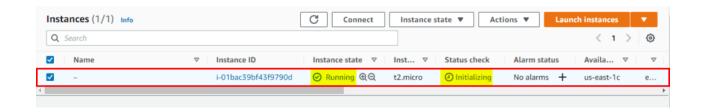
Step 6: Now, keep everything default and click on Launch Instance.



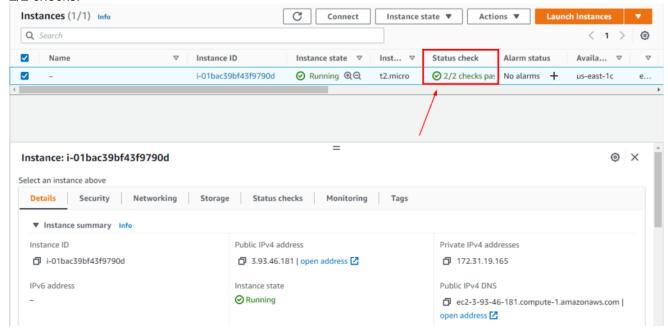
Step 6: Now Click on View all Instances.



Step 7: Here, you shall see your instance is launching and the Status check is Initializing, wait for some time.

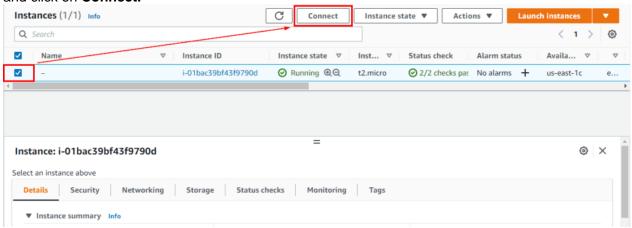


Step 8: Refresh and you shall see your instance is Up and Running, and the Status check has changed to 2/2 checks.

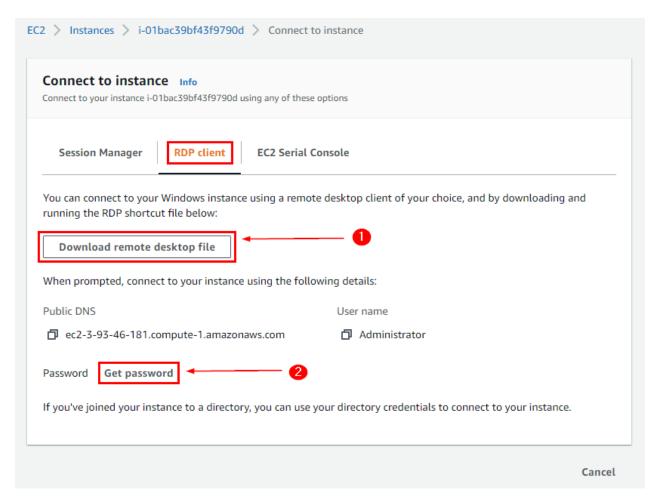


Steps To Connect Amazon Windows EC2 Instance

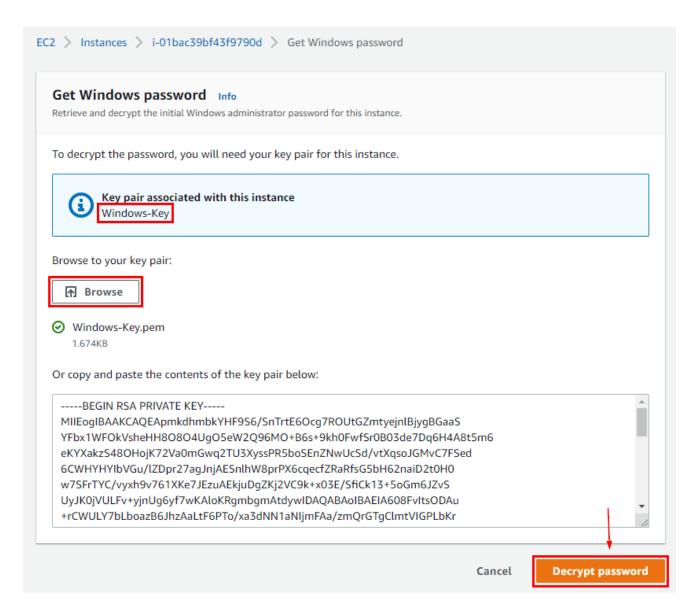
Step 1: Firstly we have to select the Windows instance **From the Running Instance** of the EC2 dashboard and click on **Connect.**



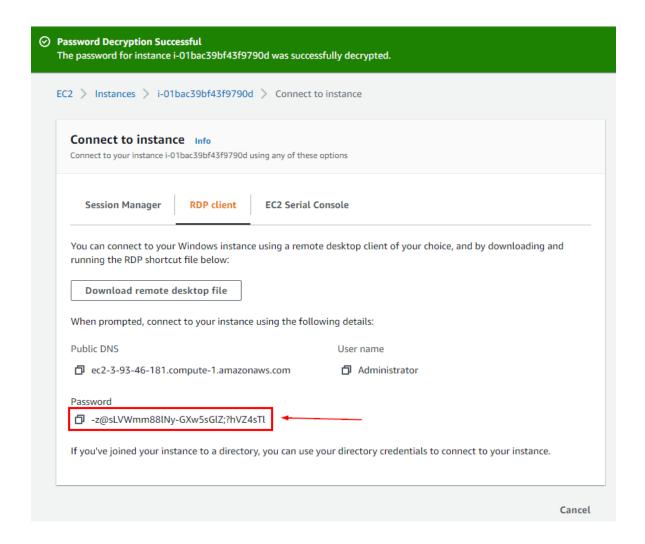
Step 2: Here we have to select the **RDP** (**Remote desktop protocol**) Client and then **Download** the RDP File and save it somewhere safe then, and we need a password to access the RDP file, so click on **Get Password**.



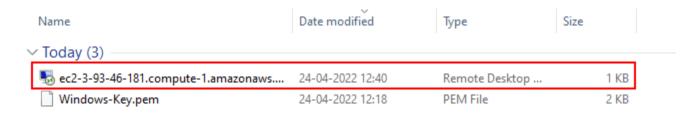
Step 3: At this step of launching, we have to upload the Key-pair (the key which we have created in the earlier step). Click on **Browse** and then select the key and click on **Decrypt Password.** This provides us with a usable password.



Step 4: After submitting the Key-pair here the Password is Generated, copy and save it somewhere safe.

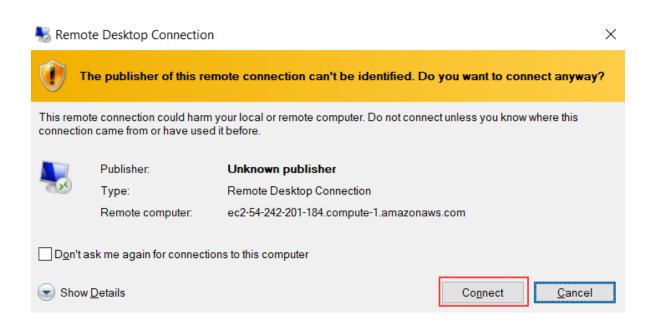


Step 5: Now open the **Remote Desktop File** from downloads for launching the Windows instance. If your local computer is a Mac, you will need to download "Microsoft Remote Desktop" from the App Store to be able to open your RDP file.



Step 6: After opening the RDP file click on **Connect** to launch the Window instance.

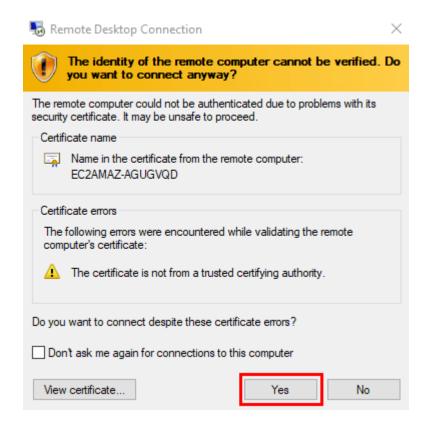
Note: Windows has the **Remote Desktop Connection Application** pre-installed; so for other OS like mac you need to download the **Microsoft Remote Desktop** app from the **Mac App Store**.



Step 7: Here we have to provide the credentials for accessing the Instance so we have to **Enter the Password** That we copied in step 4 and click on Ok.



Step 9: Click on Yes.



Step 10: So we have successfully connected to an **Amazon Windows Instance**, here we perform all our operations and task that we are performing on the normal windows operating system.



That's all our Amazon Windows EC2 instance is up and running