

Lesson 03 Demo 04

Starting and Accessing a Windows Instance on EC2

Objective: To launch a Windows-based EC2 instance on Amazon Web Services (AWS) and securely access it using the Remote Desktop Protocol (RDP)

Tools required: AWS account

Prerequisites: NA

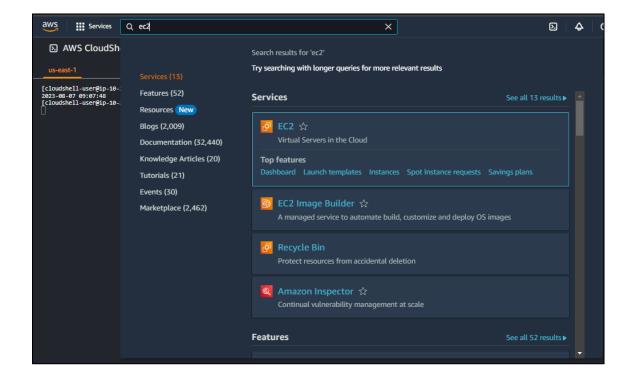
Steps to be followed:

1. Launch an EC2 instance

2. Access the EC2 instance via RDP

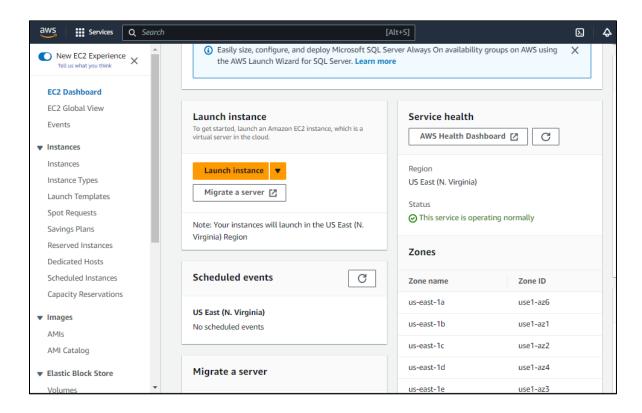
Step 1: Launch an EC2 instance

1.1 In the AWS Management Console, search for EC2 and click on the EC2 instance

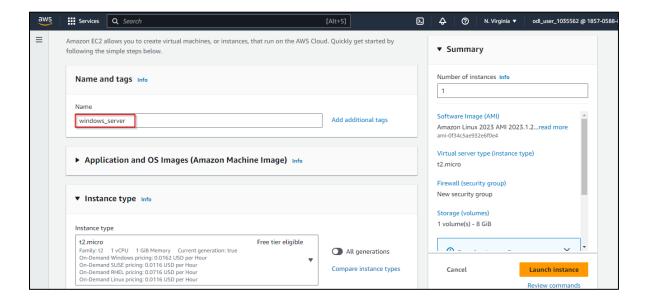




1.2 In the EC2 dashboard, click on Launch instance

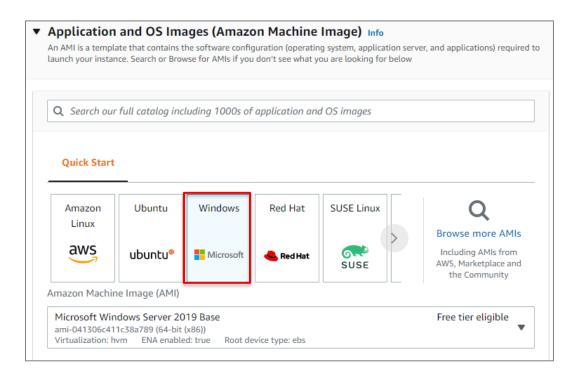


1.3 Enter any arbitrary name as windows_server for the instance

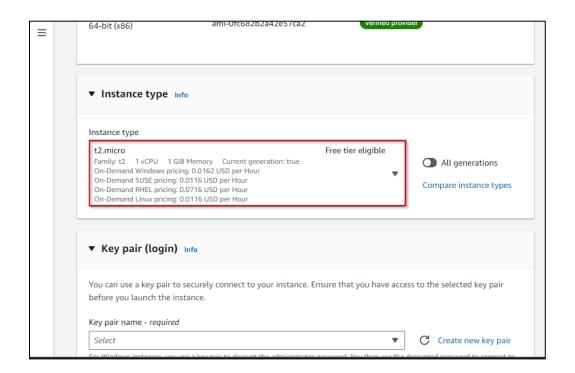




1.4 Select the Windows OS

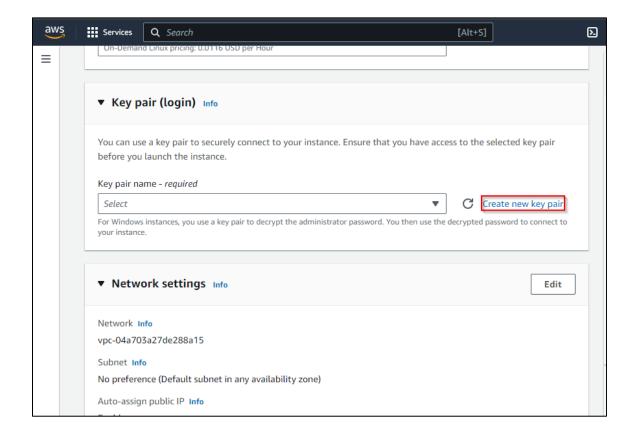


1.5 Select the **t2.micro** instance type



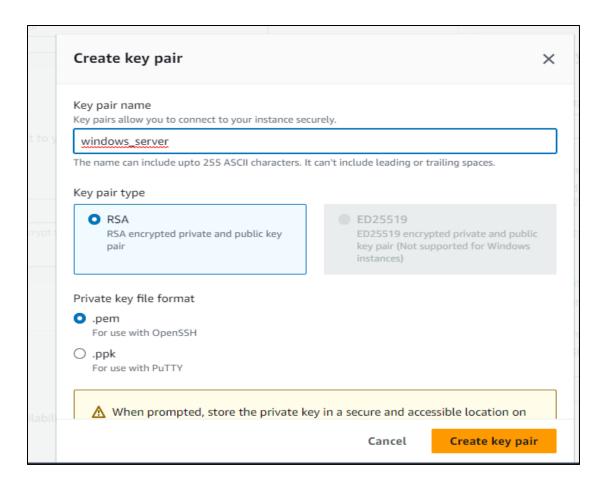


1.6 After selecting the instance type, click on Create new key pair



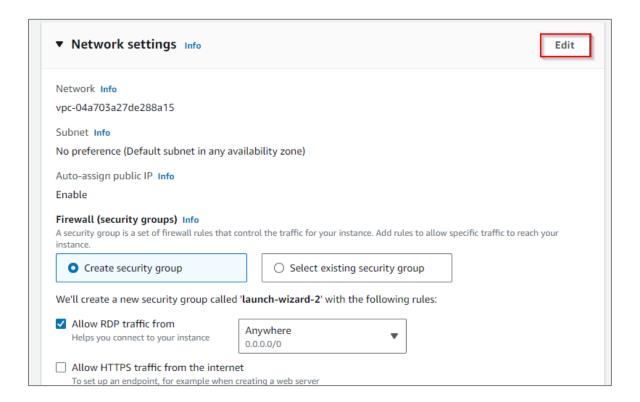


- 1.7 In the **Key pair** window, do the following configuration:
 - Enter an arbitrary name for the key pair
 - Select .pem for private key pair file type, and then click on Create key pair



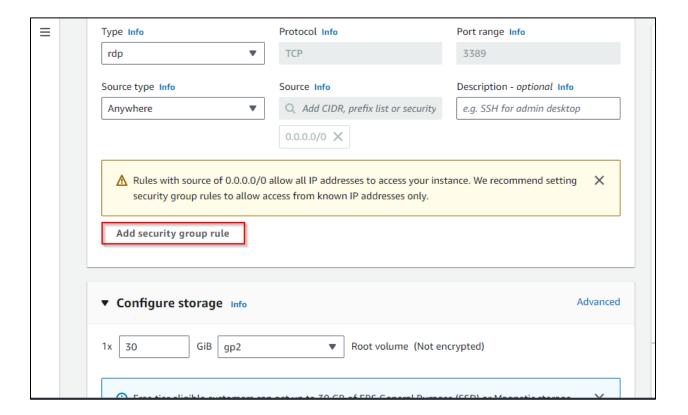


1.8 In the **Firewall (security groups)** option, select **Create security group** and then the **Edit** option



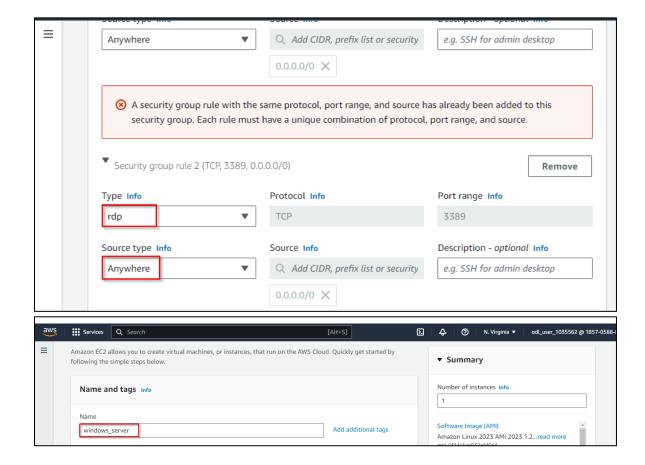


1.9 Click on Add security group rule





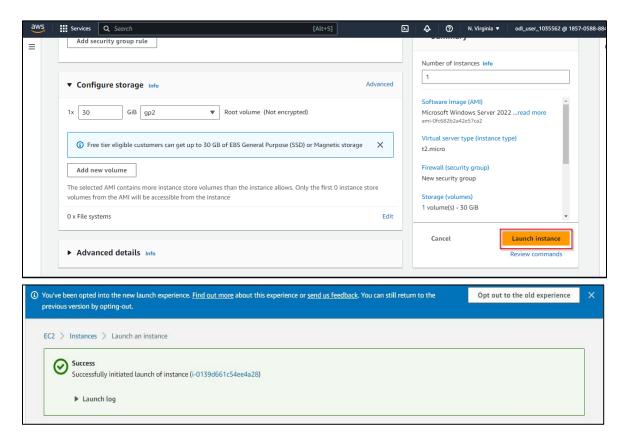
1.10 Now, select rdp in Type field and Anywhere in Source type field



If the user gets a security group error as shown in the screenshot above, it means that there is an existing security group with the same name. In such a case, please modify the name accordingly.

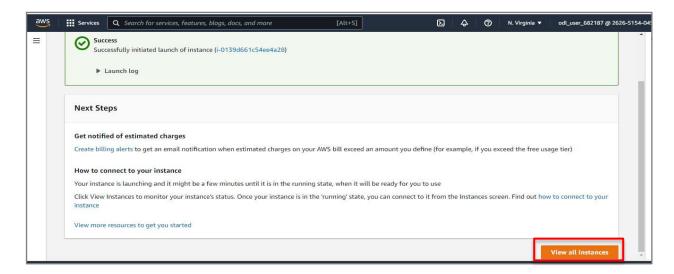


1.11 Click on Launch Instance



Instance is successfully initiated.

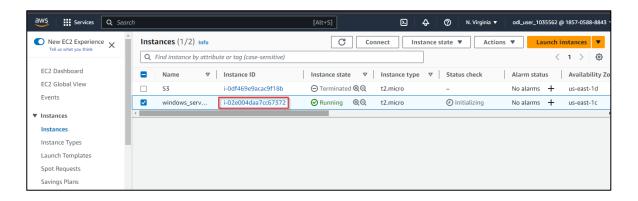
1.12 Click on View all instances

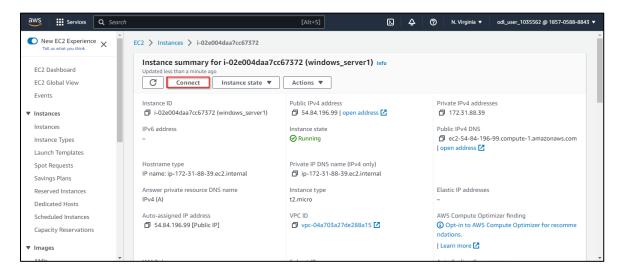




Step 2: Access the EC2 instance via RDP

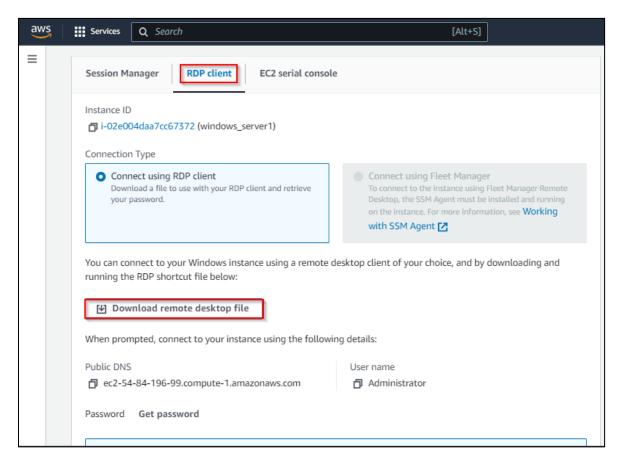
2.1 Click on the Instance ID and then click on Connect





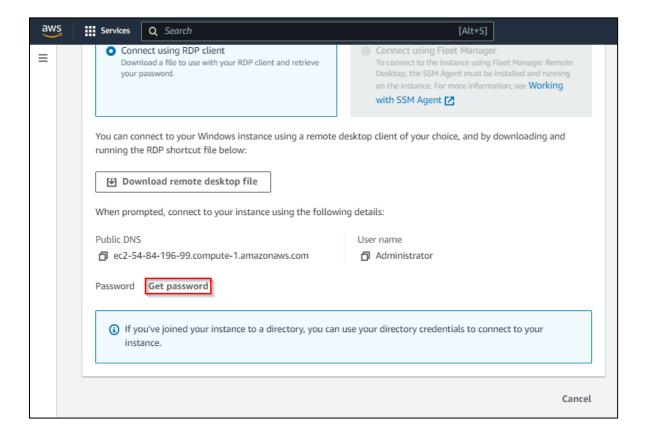


- 2.2 Go to the RDP client tab, and follow the steps as shown in the screenshot below:
 - Select RDP client
 - Click on **Download remote desktop file** and run that **.exe** file



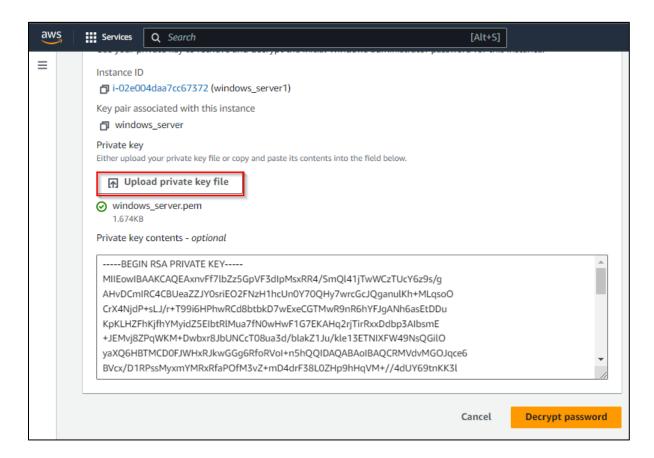


2.3 Click on Get Password



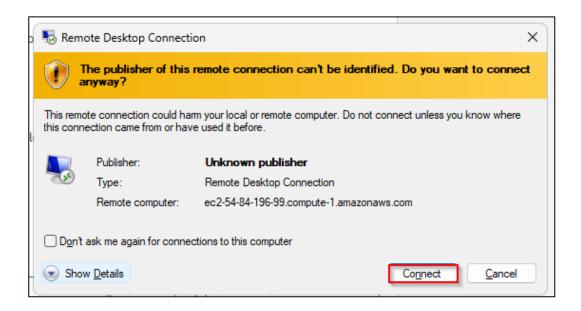


2.4 Click on **Upload private key file**, select the key pair generated for this instance, and then click on **Decrypt password**

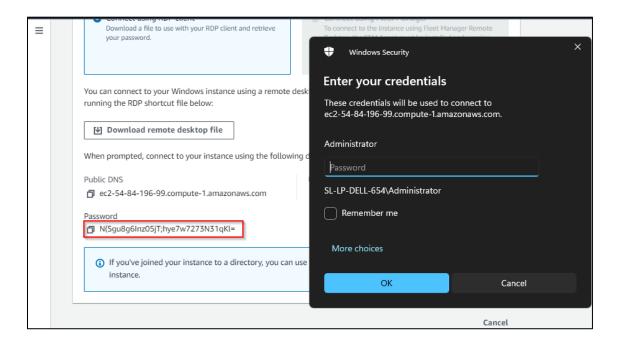




2.5 Run the .exe file downloaded in step 2.2, and click on Connect

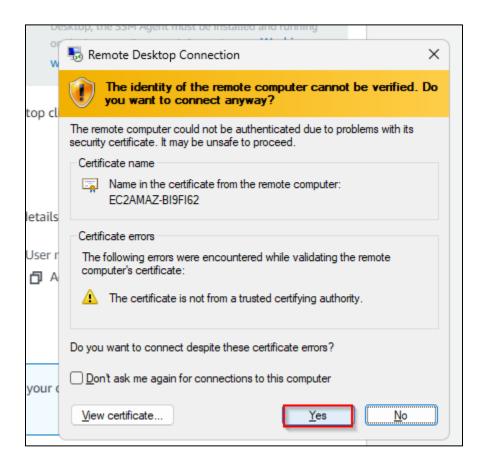


2.6 Copy the password and paste it in Windows server





2.7 Click on Yes

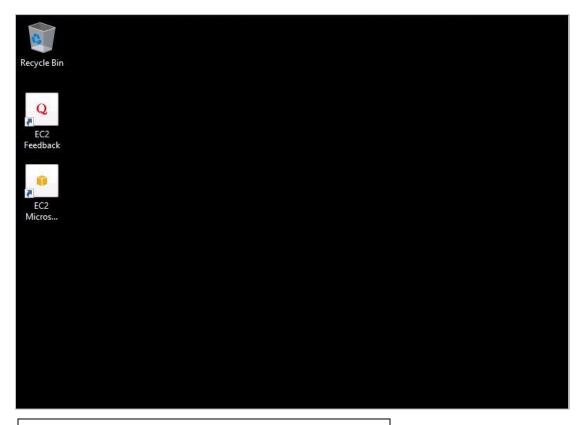


2.8 Add the password under **Administrator** and click **OK**





You will be logged into the Windows instance.



Note: The windows instance is launched successfully.

By following these steps, you will be able to successfully launch a Windows-based EC2 instance on Amazon Web Services (AWS).