

# PRACTICAL 1

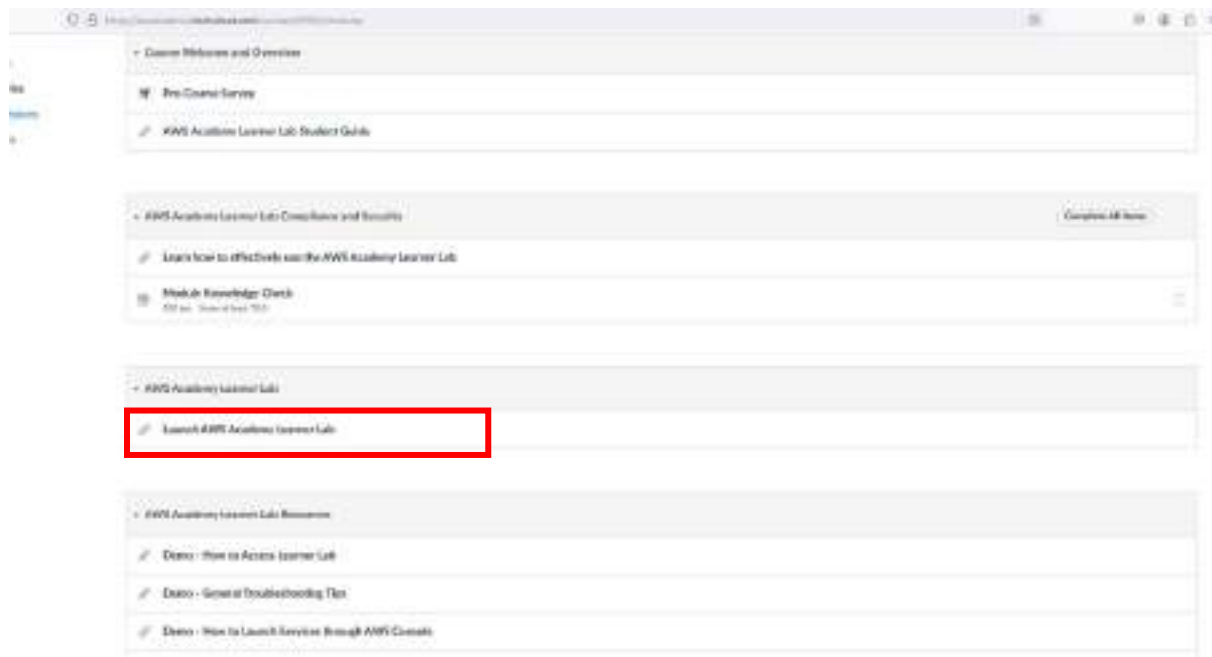
## AIM: to Configure EC2 instance for window server using Aws

**Step 1:** enter your login and password and click on your course

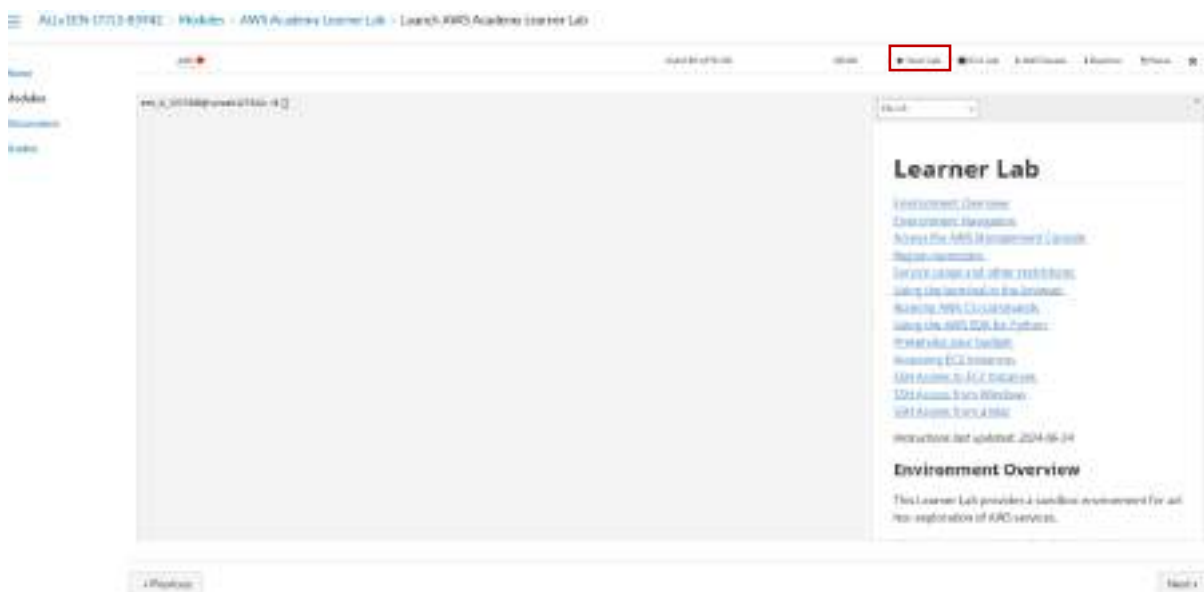
**Step 2:** after come in home page click on modules option as shown in below



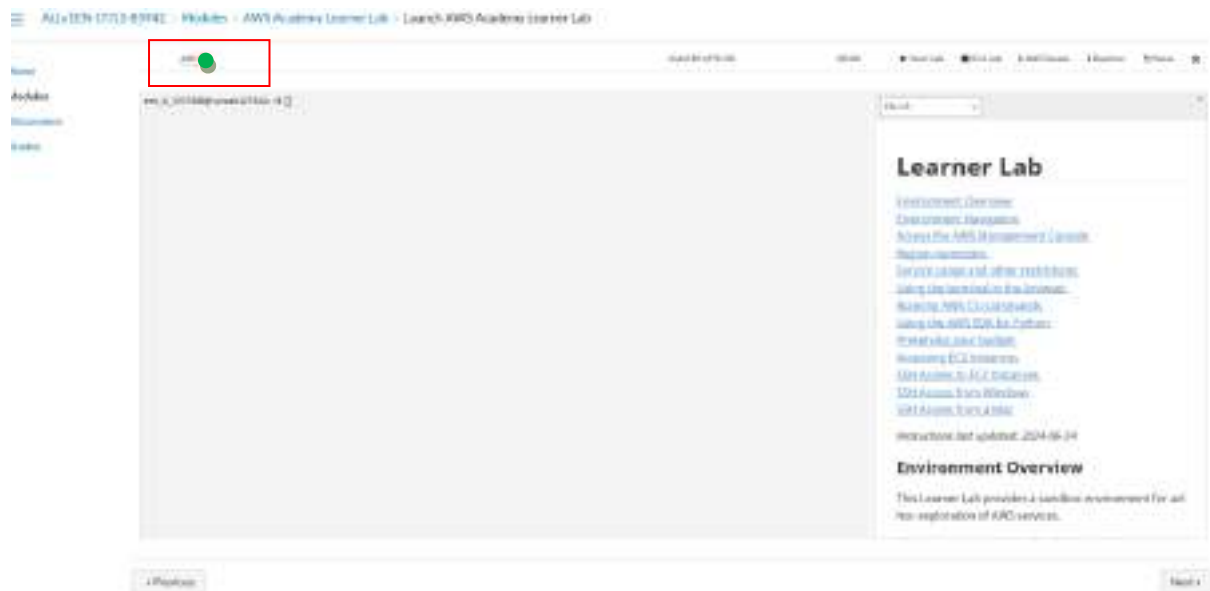
### Step 3: click on launch aws academy learner lab



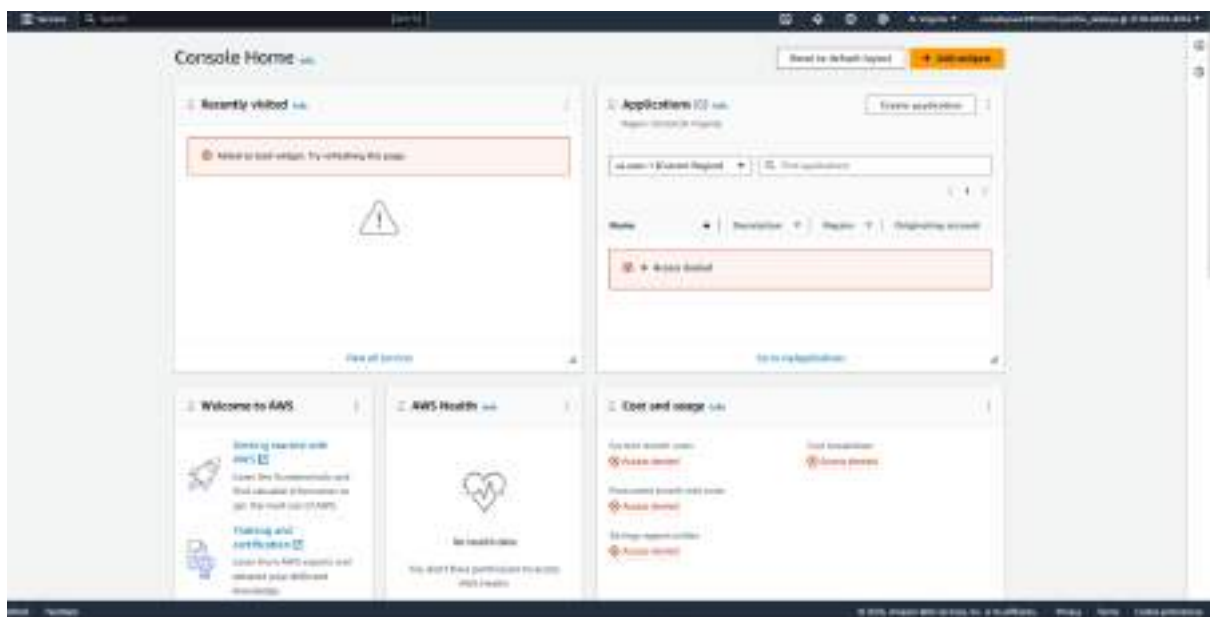
**Step 4:** as shown in below we click on star lab and wait until aws became green



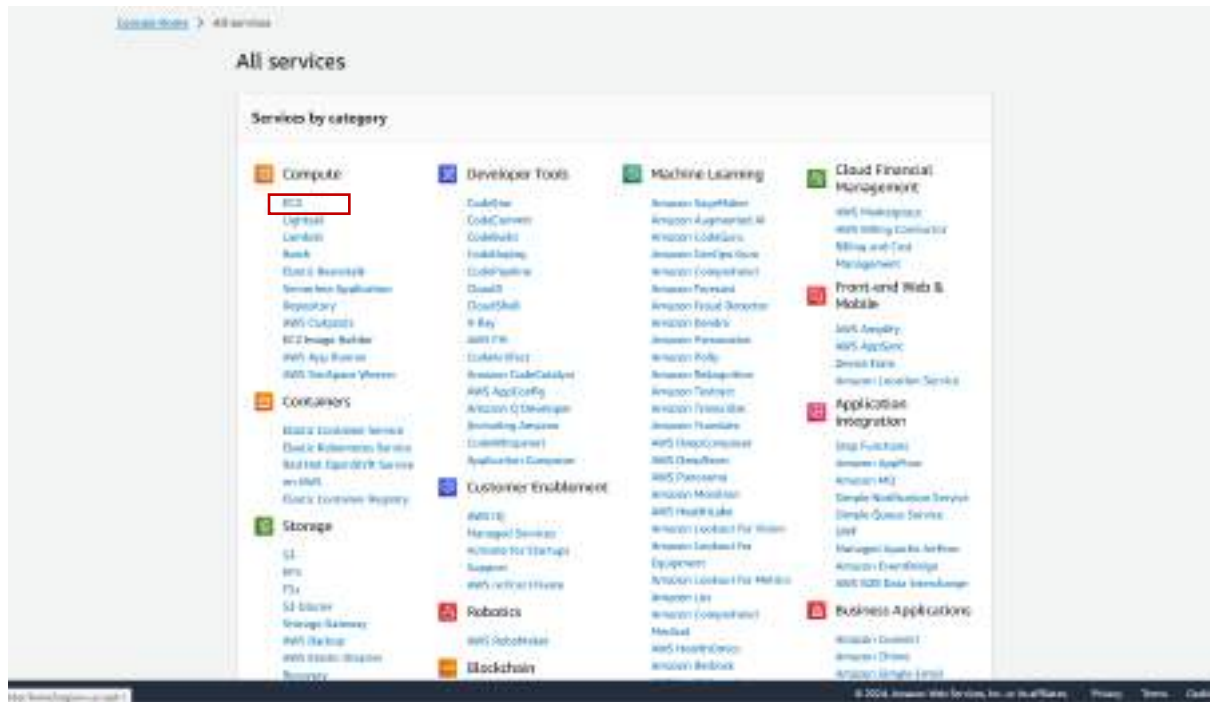
**Step 5:** after we click on aws bottom



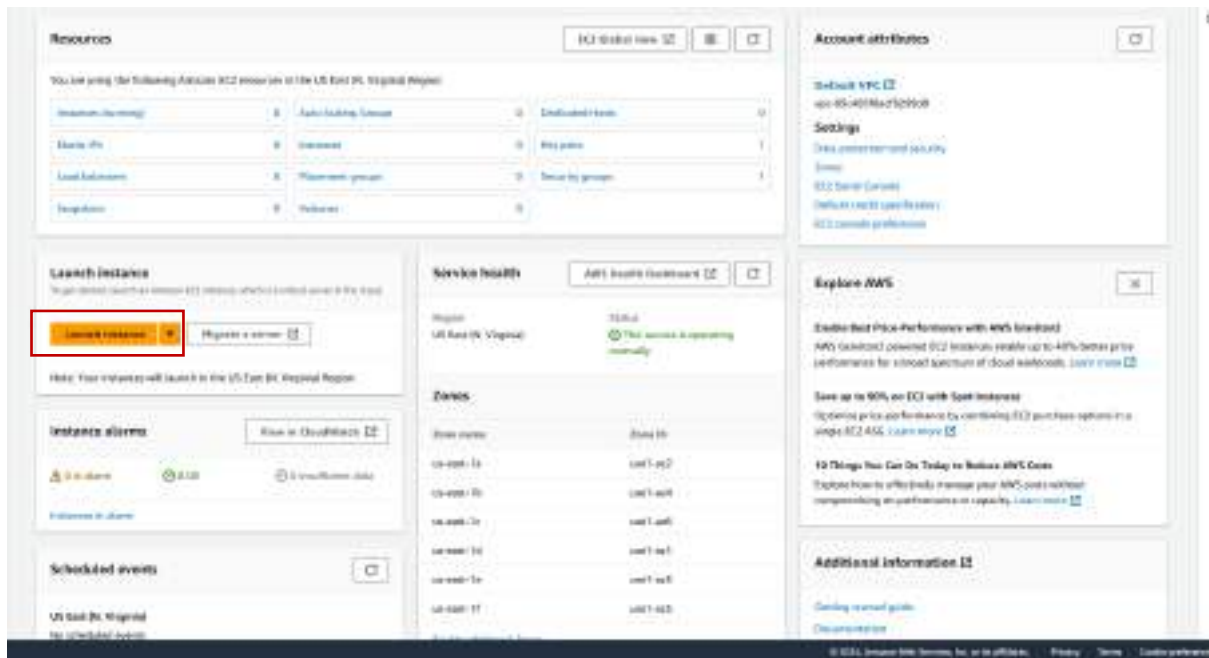
**Step 6:** next we come in console home page and click on all services



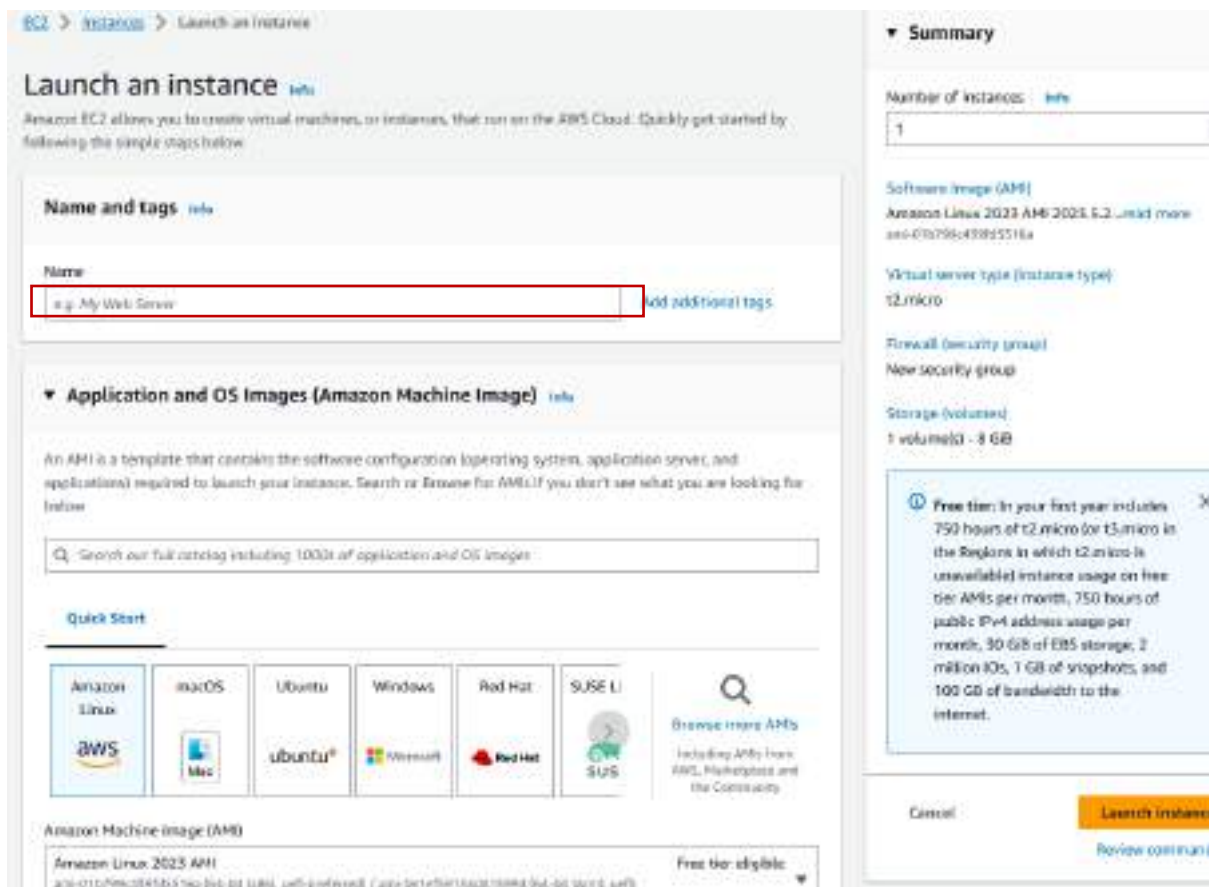
### Step 7: now we select EC2

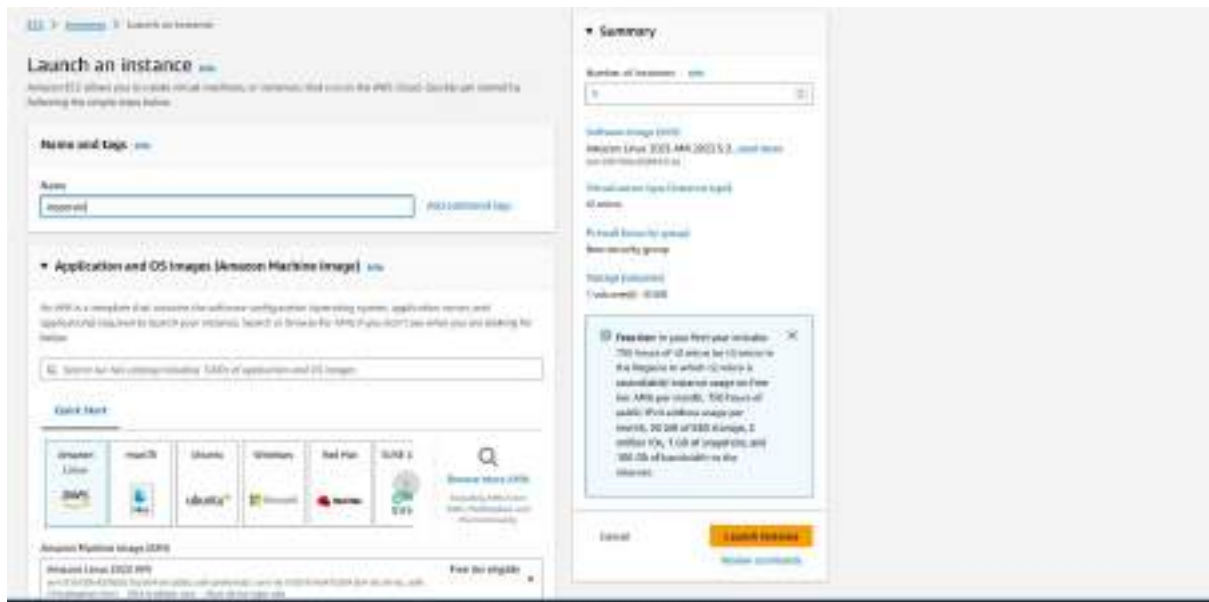


**Step 8:** here we can see that there are no instances are running, next we click on launch instance

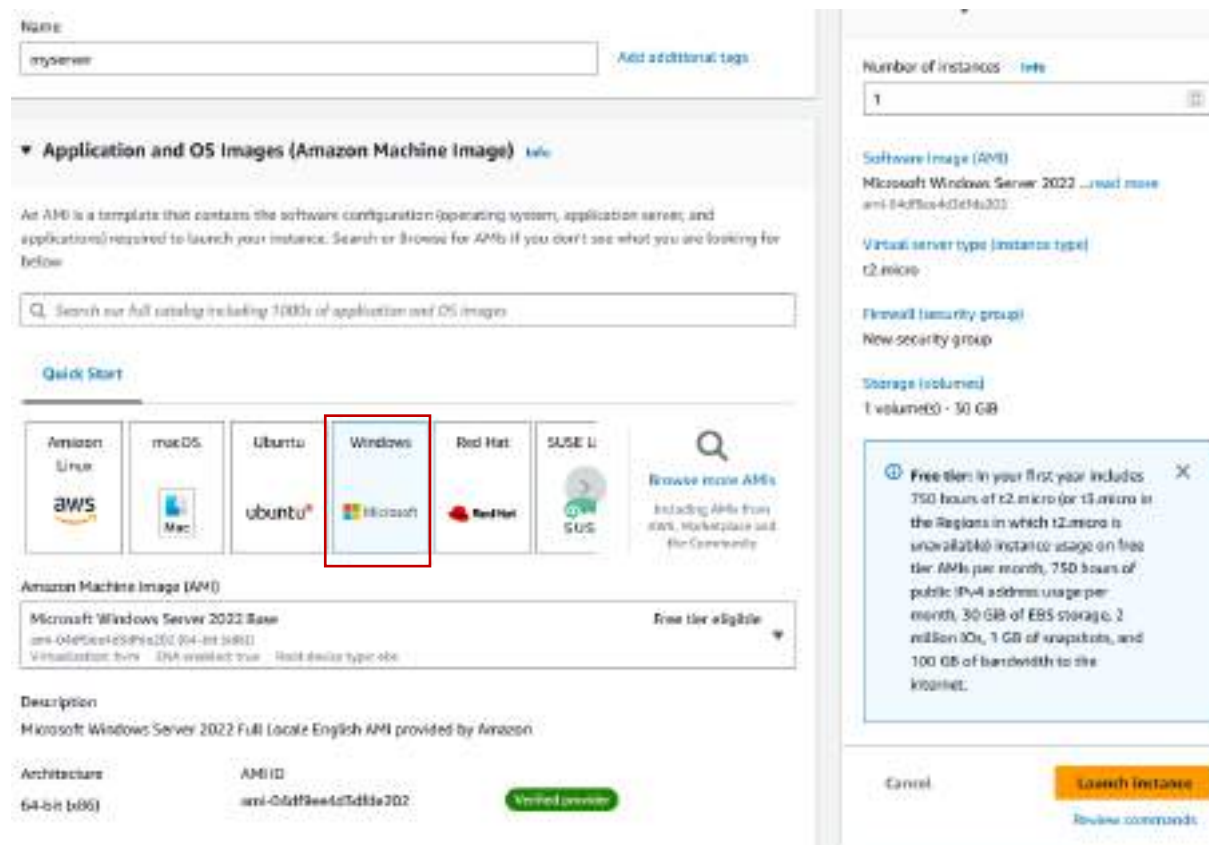


**Step 9:** first we enter a name for example: my server

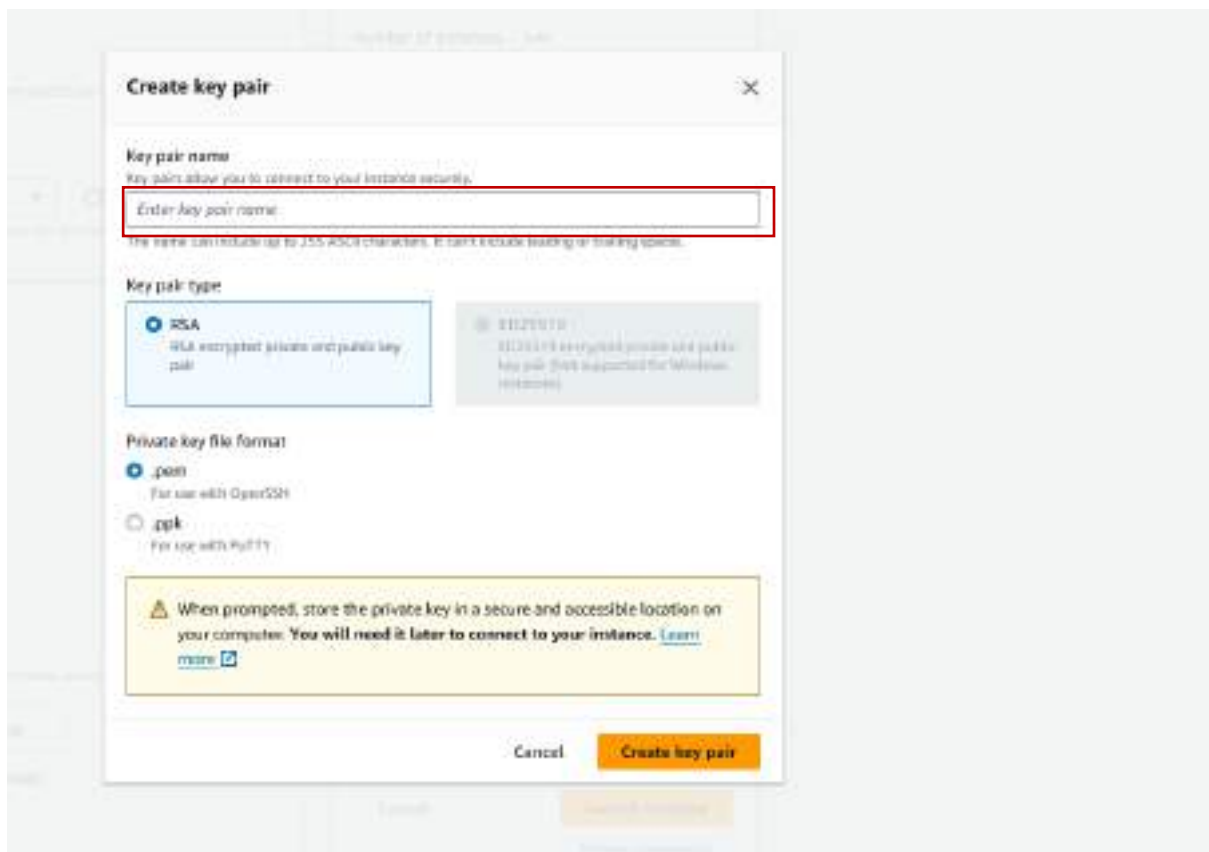




**Step 10:** here we make Microsoft windows server so we click on it



**Step 11:** next we enter a key pair, it is allow you to your instance security



The screenshot shows the 'Create key pair' dialog box in the AWS Management Console. The dialog has a title bar with a close button. Below the title, there is a section for 'Key pair name' with a text input field. A red rectangle highlights this input field. Below the input field, there is a note: 'The name can include up to 125 ASCII characters. It can't include leading or trailing spaces.' Below this, there is a section for 'Key pair type' with two options: 'RSA' (selected) and 'EC2\_SSH'. Below this, there is a section for 'Private key file format' with two options: '.pem' (selected) and '.ppk'. At the bottom, there is a yellow warning box with a triangle icon and text: '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](#)'. At the bottom right, there are two buttons: 'Cancel' and 'Create key pair'.

**Create key pair**

**Key pair name**  
Key pairs allow you to connect to your instance securely.

Enter key pair name:

The name can include up to 125 ASCII characters. It can't include leading or trailing spaces.

**Key pair type**

☒ **RSA**  
RSA encrypted private and public key pair

☐ **EC2\_SSH**  
EC2\_SSH encrypted private and public key pair. Not supported for Windows instances.

**Private key file format**

☒ **.pem**  
For use with OpenSSH

☐ **.ppk**  
For use with PuTTY

⚠ 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](#)

Cancel Create key pair

**Step 12:** here we enter 29062014\_1 as a key pair

The screenshot displays the AWS Management Console's 'Launch Instance' wizard. The 'Key pair (login)' section is expanded, showing a text input field for the 'Key pair name - required' with the value '29062014\_1'. Below this field, there is a link to 'Create new key pair'. The 'Launch Instance' button is highlighted in orange at the bottom right of the console.

Amazon Machine Image (AMI)

Microsoft Windows Server 2022 Base Free tier eligible

ami-04ef3ae4d5e4dc202 64-bit x86\_64 Intel processor family - Intel processor type: Intel

Description

Microsoft Windows Server 2022 Full License English AMI provided by Amazon

Architecture AMI ID

64-bit (x86) ami-04ef3ae4d5e4dc202 See this guide

► Instance type Info Get advice

▼ Key pair (login) Info

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - required

29062014\_1 Create new key pair

For Windows instances, you use a key pair to decrypt the administrative password. You then use the decrypted password to connect to your instance.

▼ Network settings Info Edit

Network Info

Number of instances Info

1

Software Image (AMI)

Microsoft Windows Server 2022 Load more

ami-04ef3ae4d5e4dc202

Virtual server type (Instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

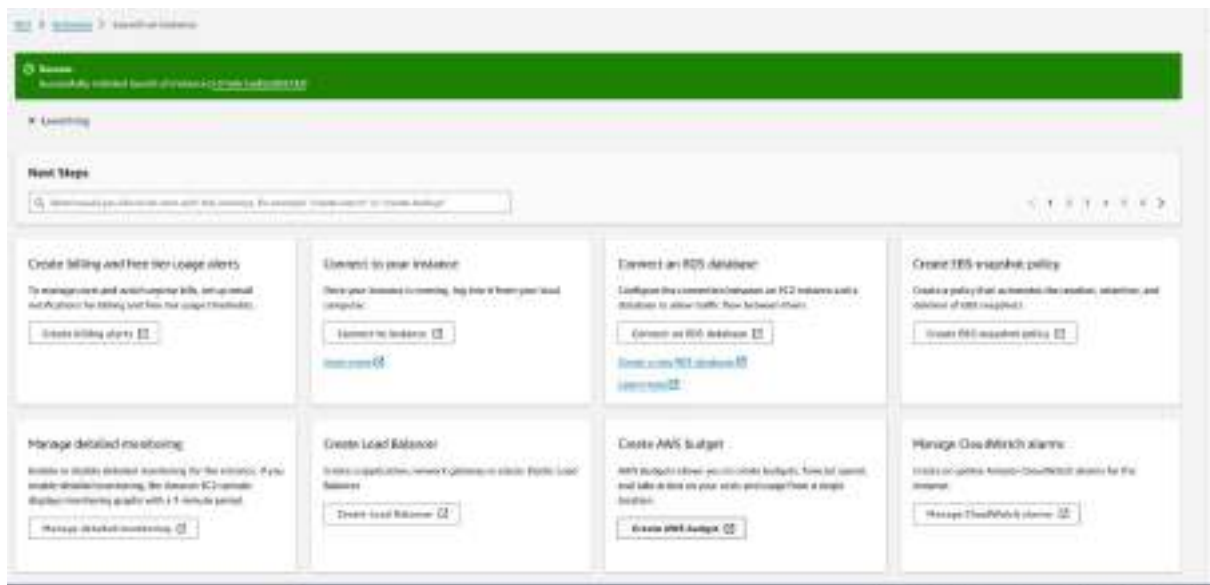
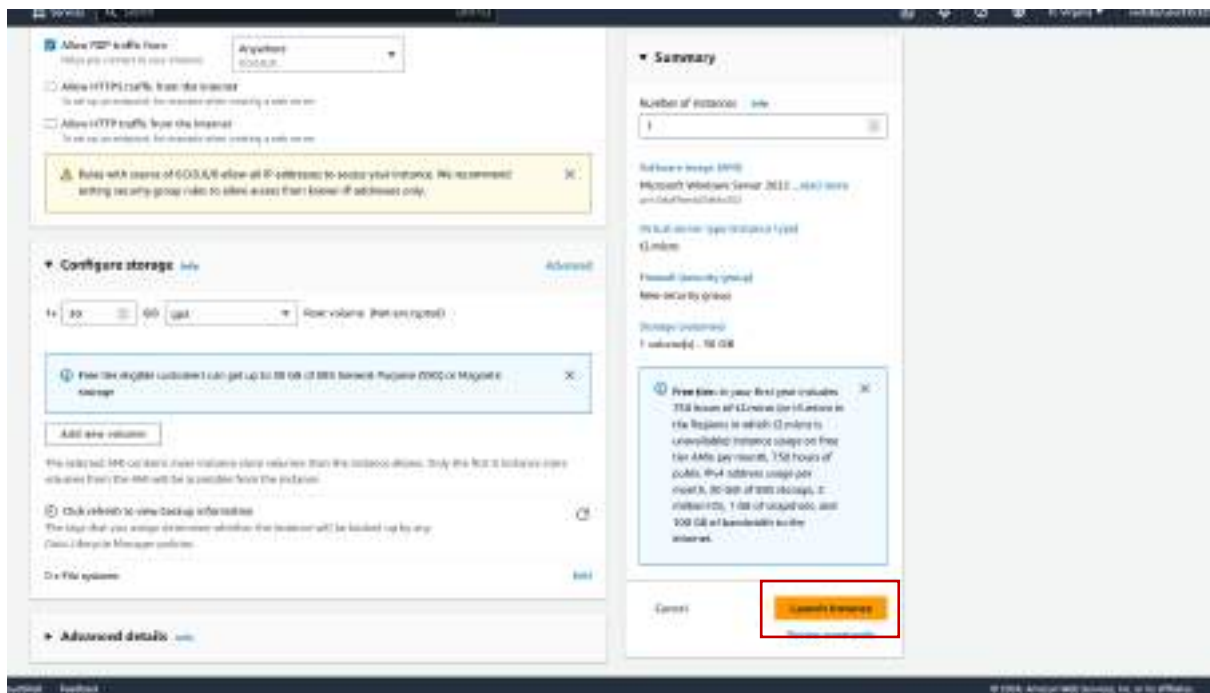
1 volume(s) - 50 GB

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, 750 hours of public IP address usage per month, 50 GiB of EBS storage, 2 million I/Os, 1 GiB of snapshots, and 100 GiB of bandwidth to the internet.

Cancel Launch Instance Review my launch

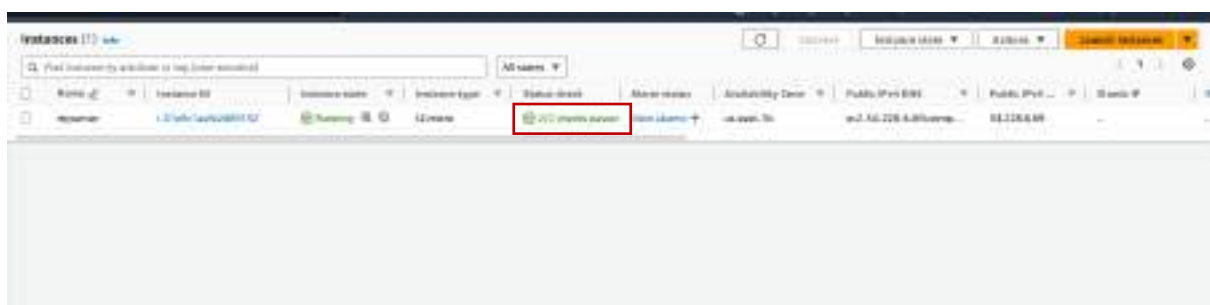
**Step 13:** next we enter launch instance



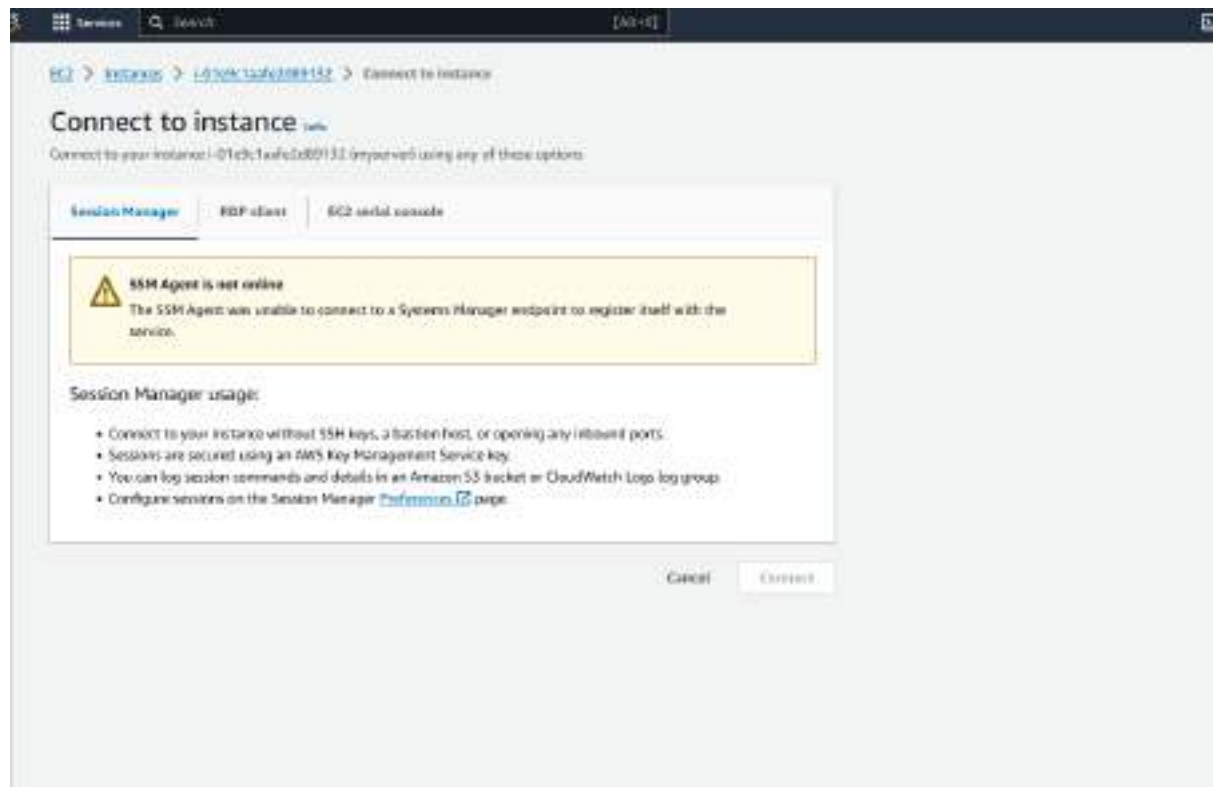




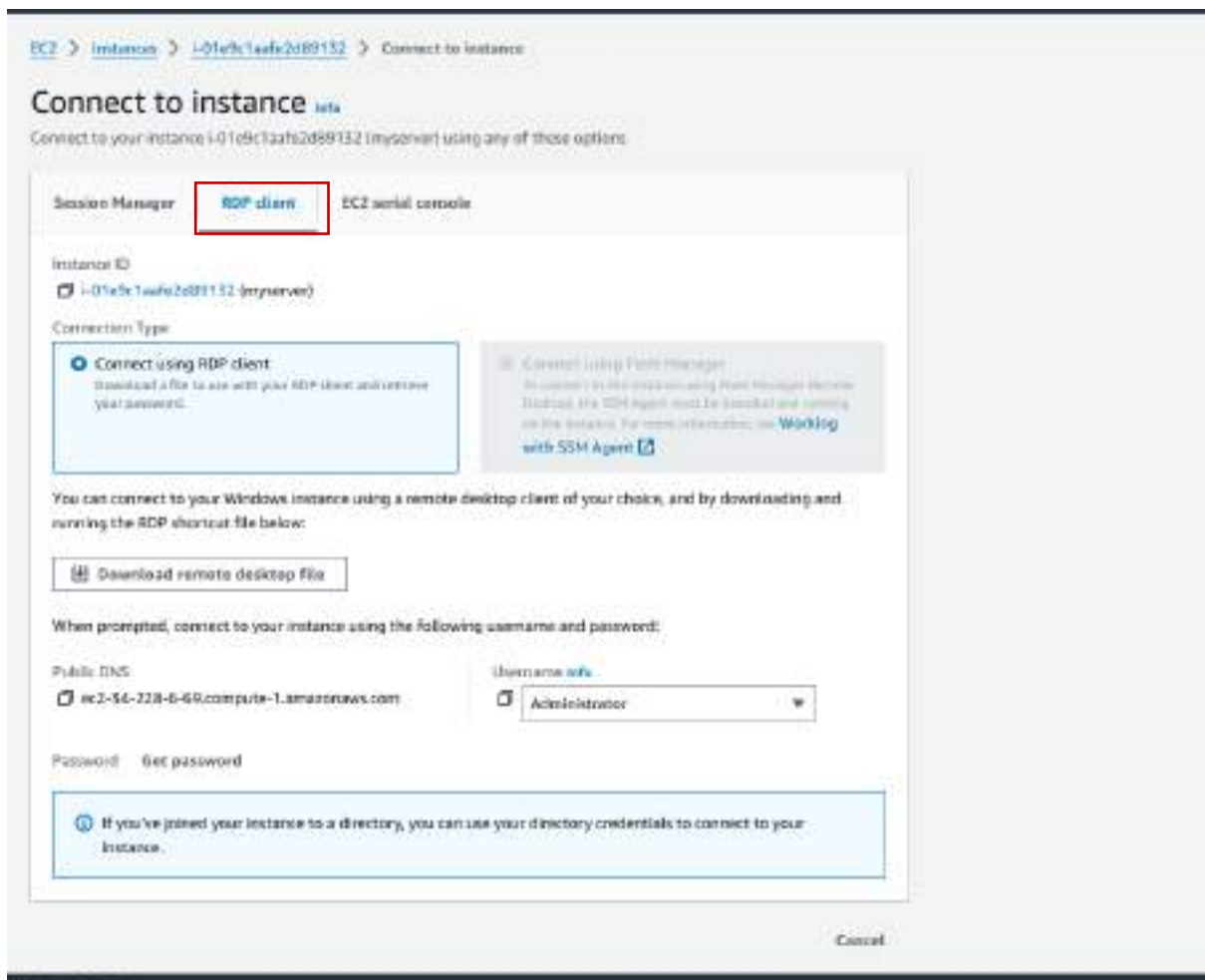
**Step 14:** here we wait until status check passed



**Step 15:** now we click on instance id



**Step 16:** now we click RDP client



**Step 17:** now we enter a password so we click on upload private key file

EC2 > Instances > i-01e2c1aaf2a89152 > Get Windows password

## Get Windows password new

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

Instance ID  
i-01e2c1aaf2a89152 (myserver)

Key pair associated with this instance  
29062024\_1

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

Private key contents - optional

Private key contents

**Step 18:** now we click on decrypt password



Hostname: EC2AMAZ-QUNBDRV  
Instance ID: i-01e9c1aafe2d89132  
Private IPv4 address: 172.31.26.241  
Public IPv4 address: 34.228.6.69  
Instance size: t2.micro  
Availability Zone: us-east-1b  
Architecture: AMD64  
Total memory: 1024  
Network: Low to Moderate



**Step 21:** after we click on instance state to terminate instance

