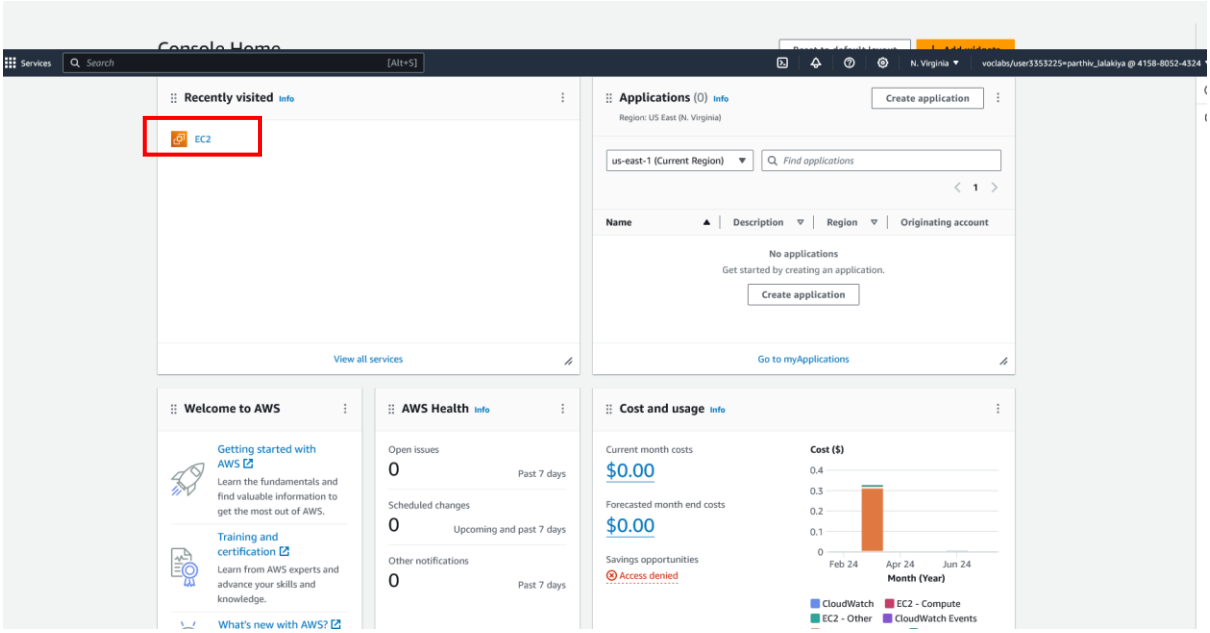
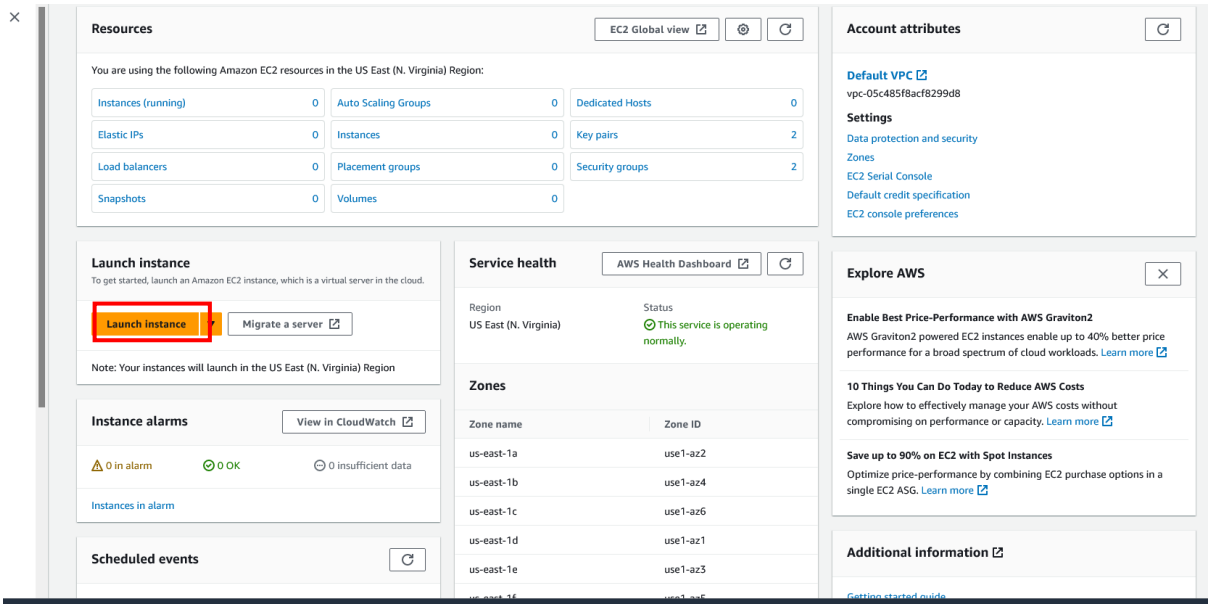
Practical 2:

Aim: To Configure EC2 Instance for Amazon Linux Using Aws

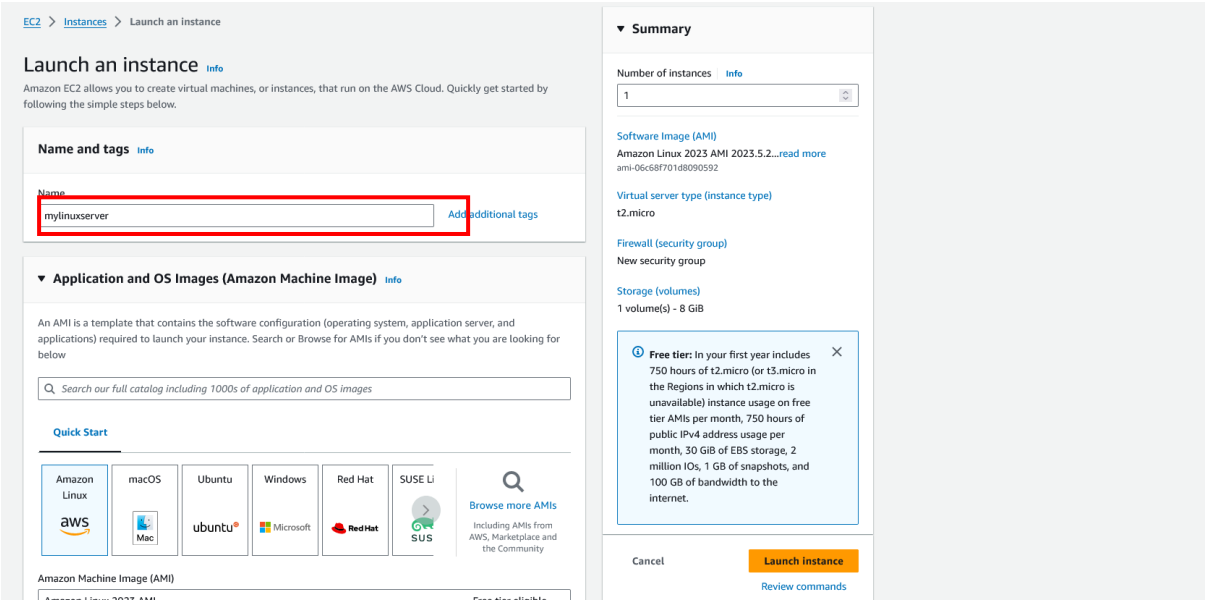
Step 1: Now We Select Ec2



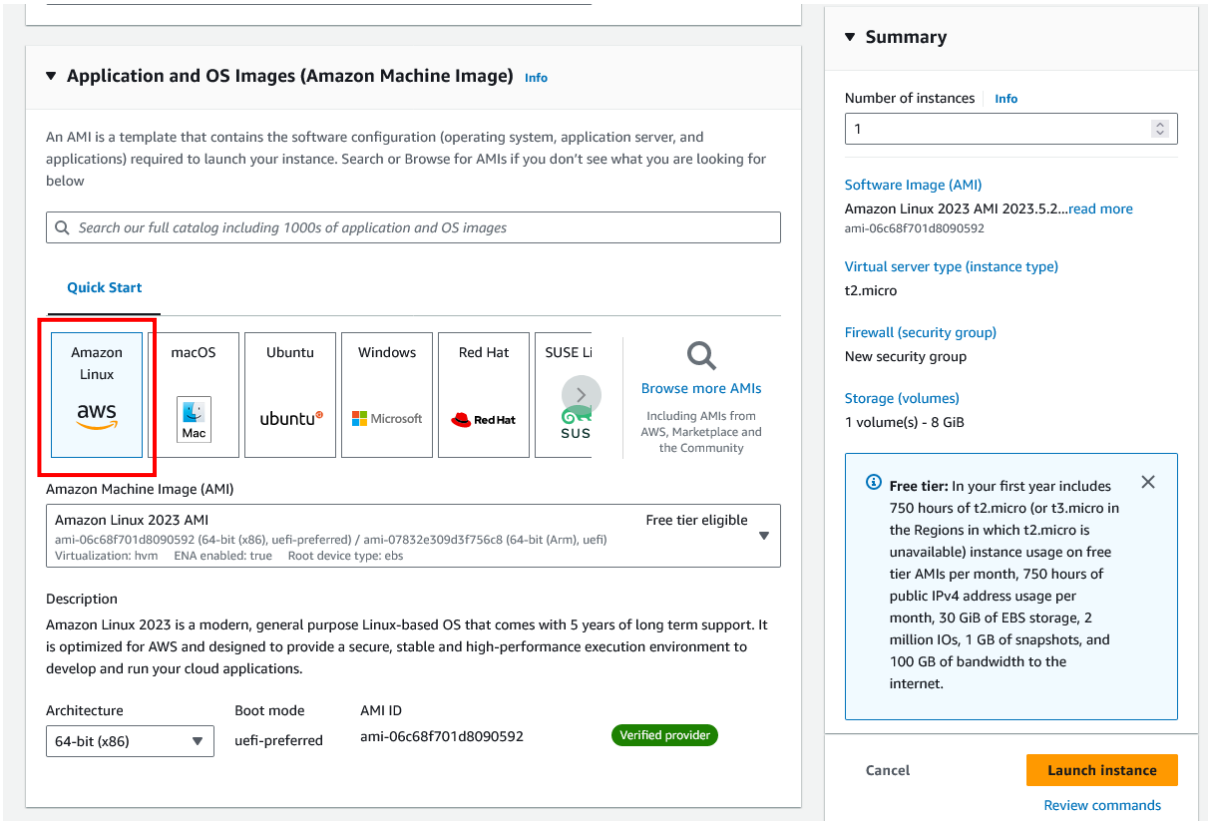
Step 2: Now Click On Launch Instance



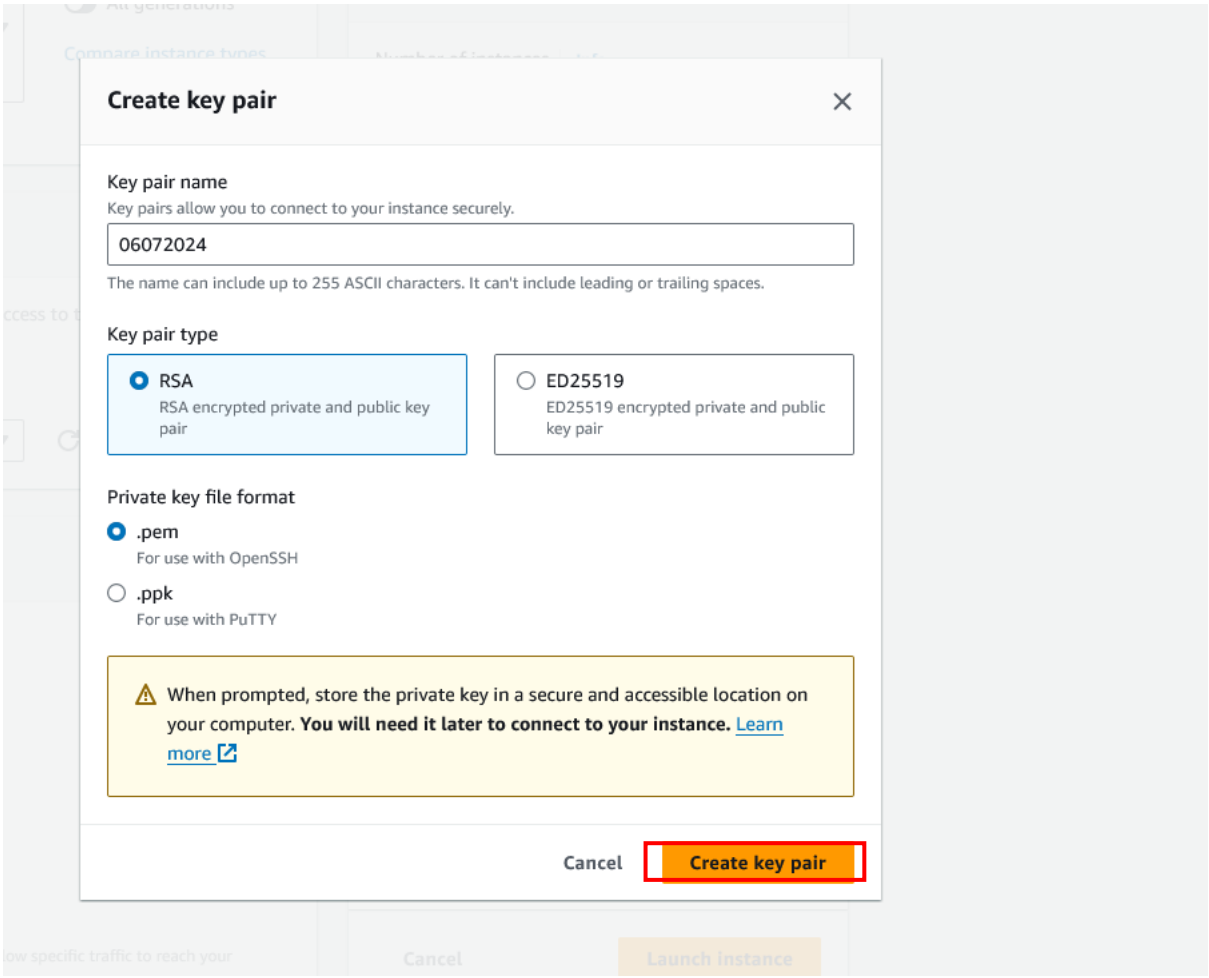
Step 3: Now we enter a name like mylinuxserver



Step 3: then select Amazon Linux

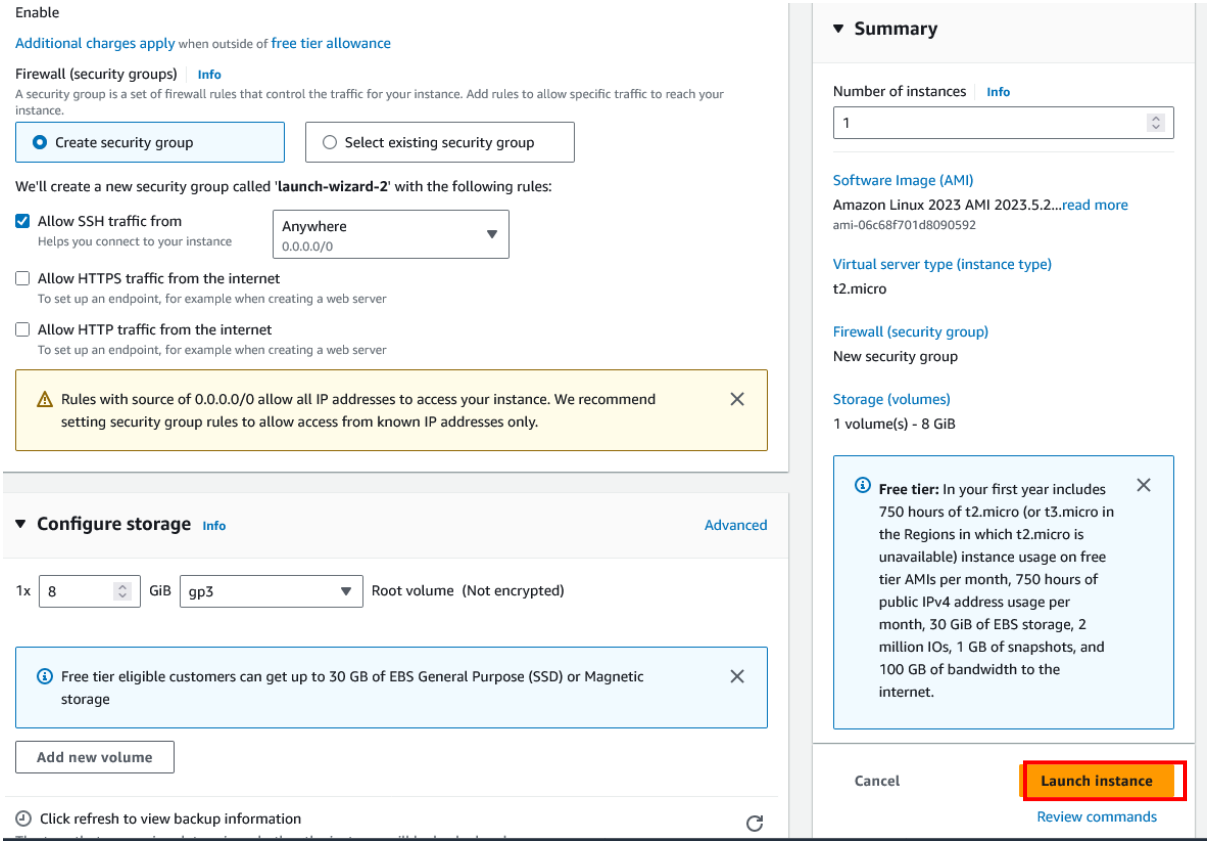

Application and OS Images (Amazon Machine Image) Info
An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below
Search our full catalog including 1000s of application and OS images
Quick Start
Amazon Linux
macOS
Ubuntu
Windows
Red Hat
SUSE Li
Browse more AMIs
Including AMIs from AWS, Marketplace and the Community
Amazon Machine Image (AMI)
Amazon Linux 2023 AMI
ami-06c68f701d8090592 (64-bit (x86), uefi-preferred) / ami-07832e309d3f756c8 (64-bit (Arm), uefi)
Virtualization: hvm ENA enabled: true Root device type: ebs
Free tier eligible
Description
Amazon Linux 2023 is a modern, general purpose Linux-based OS that comes with 5 years of long term support. It is optimized for AWS and designed to provide a secure, stable and high-performance execution environment to develop and run your cloud applications.
Architecture
64-bit (x86)
Boot mode
uefi-preferred
AMI ID
ami-06c68f701d8090592
Verified provider
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.5.2...read more
ami-06c68f701d8090592
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 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, 750 hours of public IPv4 address usage per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet.
Cancel
Launch instance
Review commands

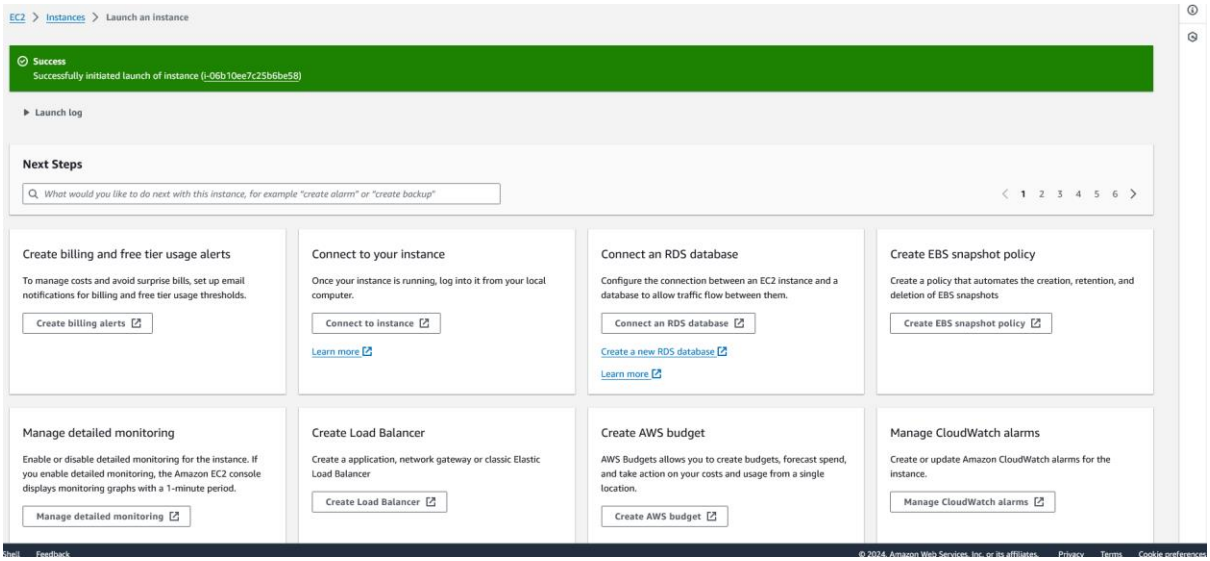
Step 4: now we create key pair like 06072024



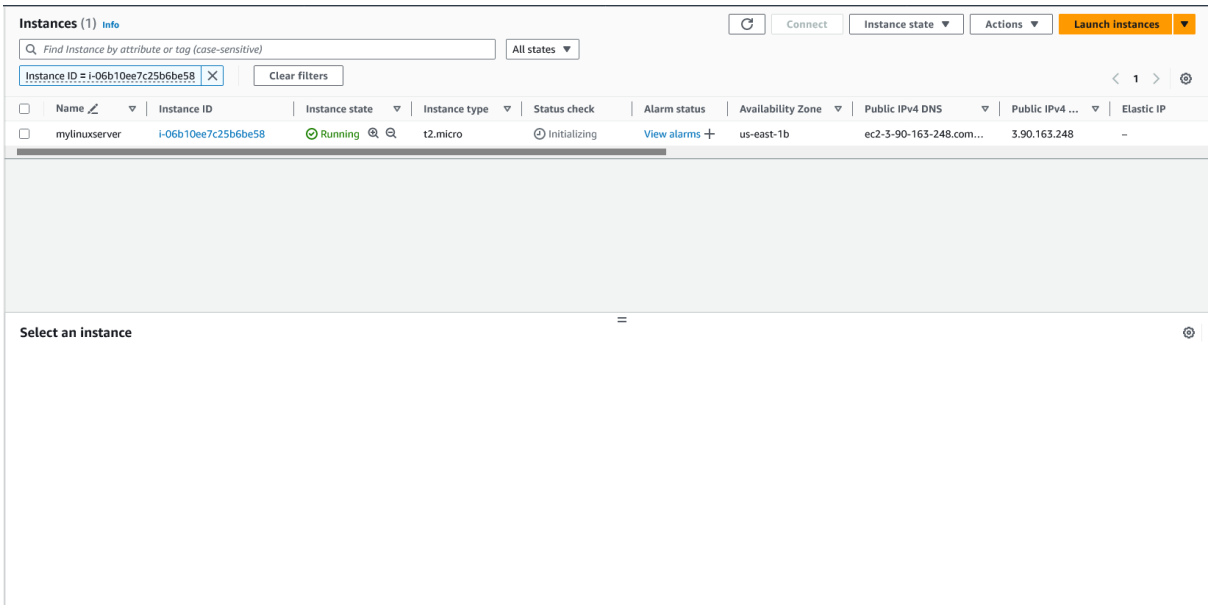
Step 5: here we select allow SSH traffic from by default and configure storage is select 8 GiB

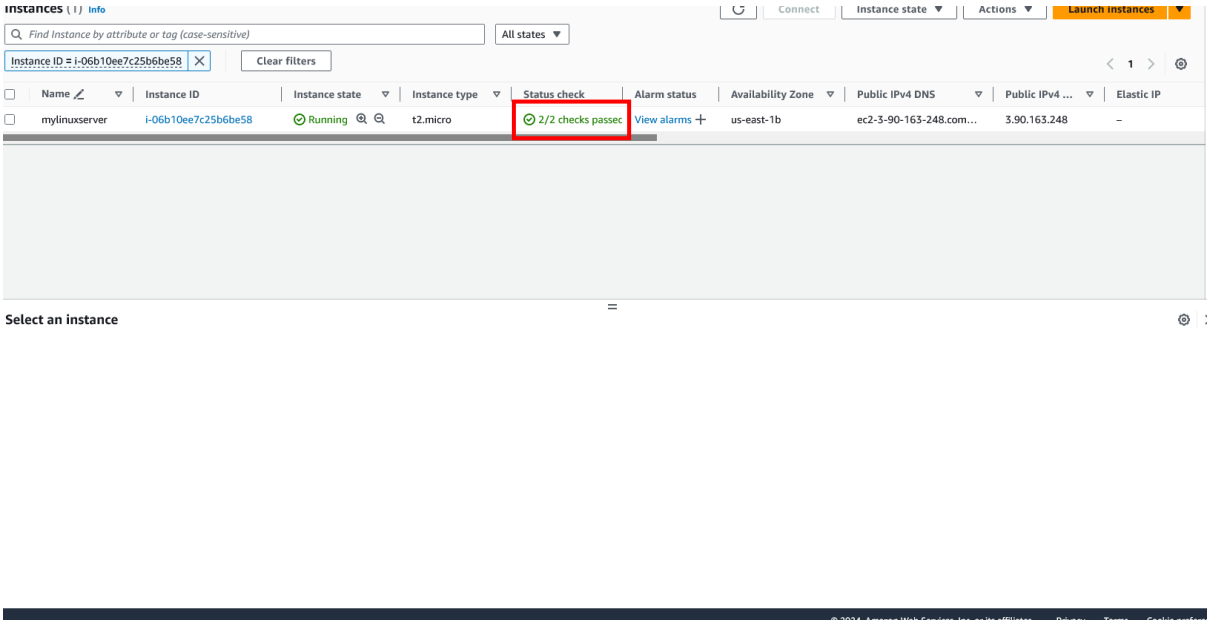
Step 6: now click on Launch instance



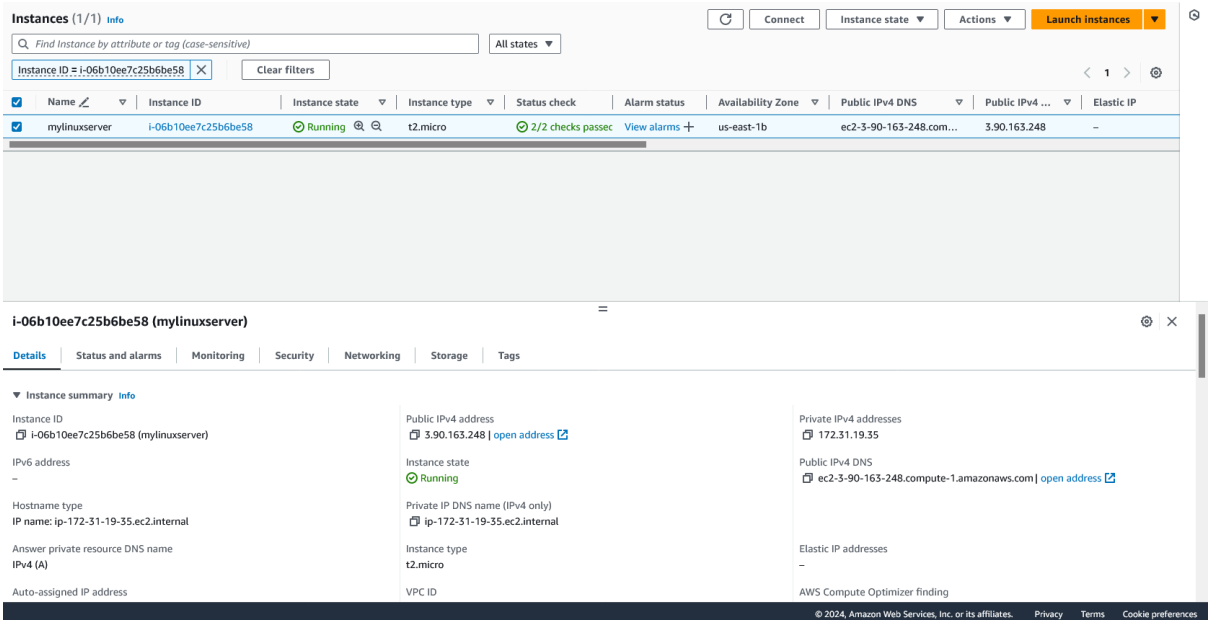


Step 7: now we wait until status check is installing

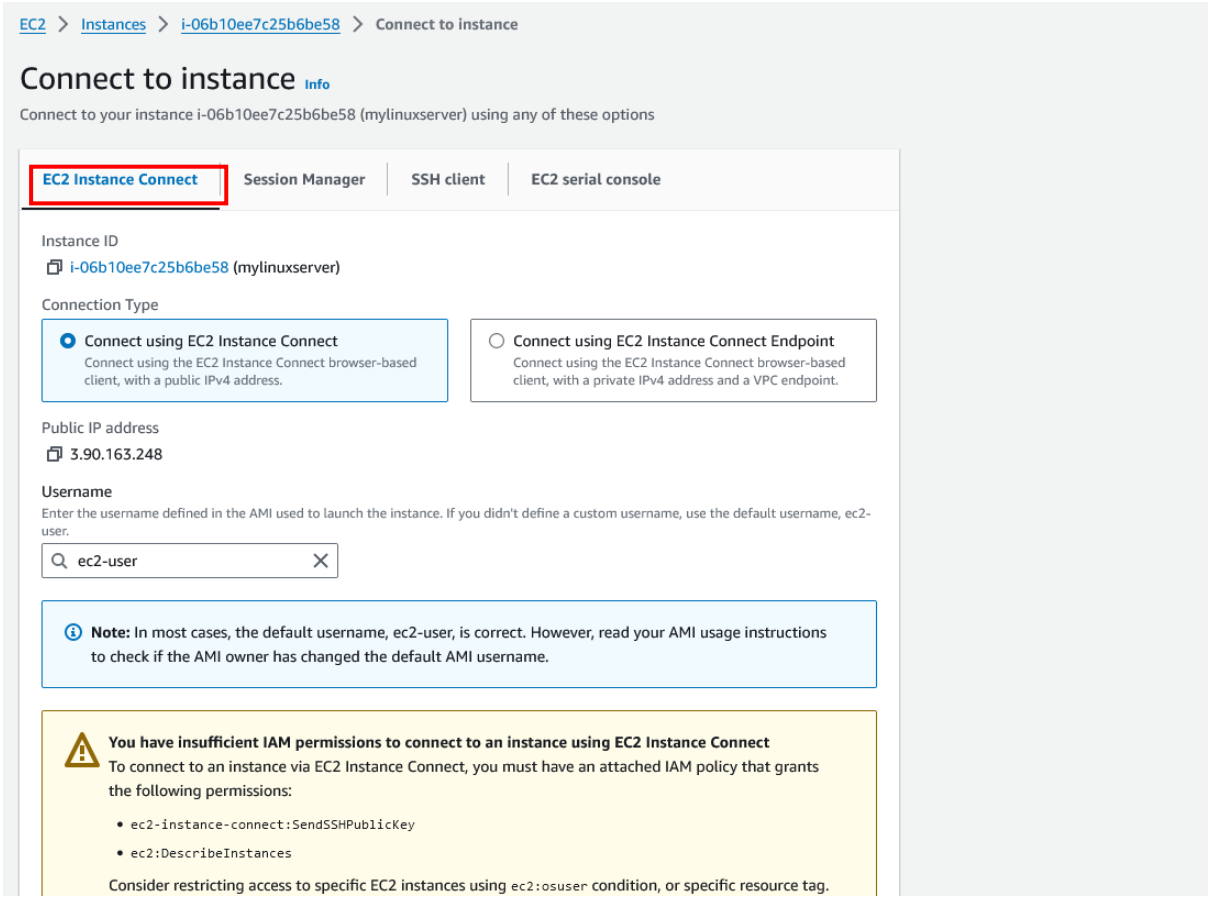




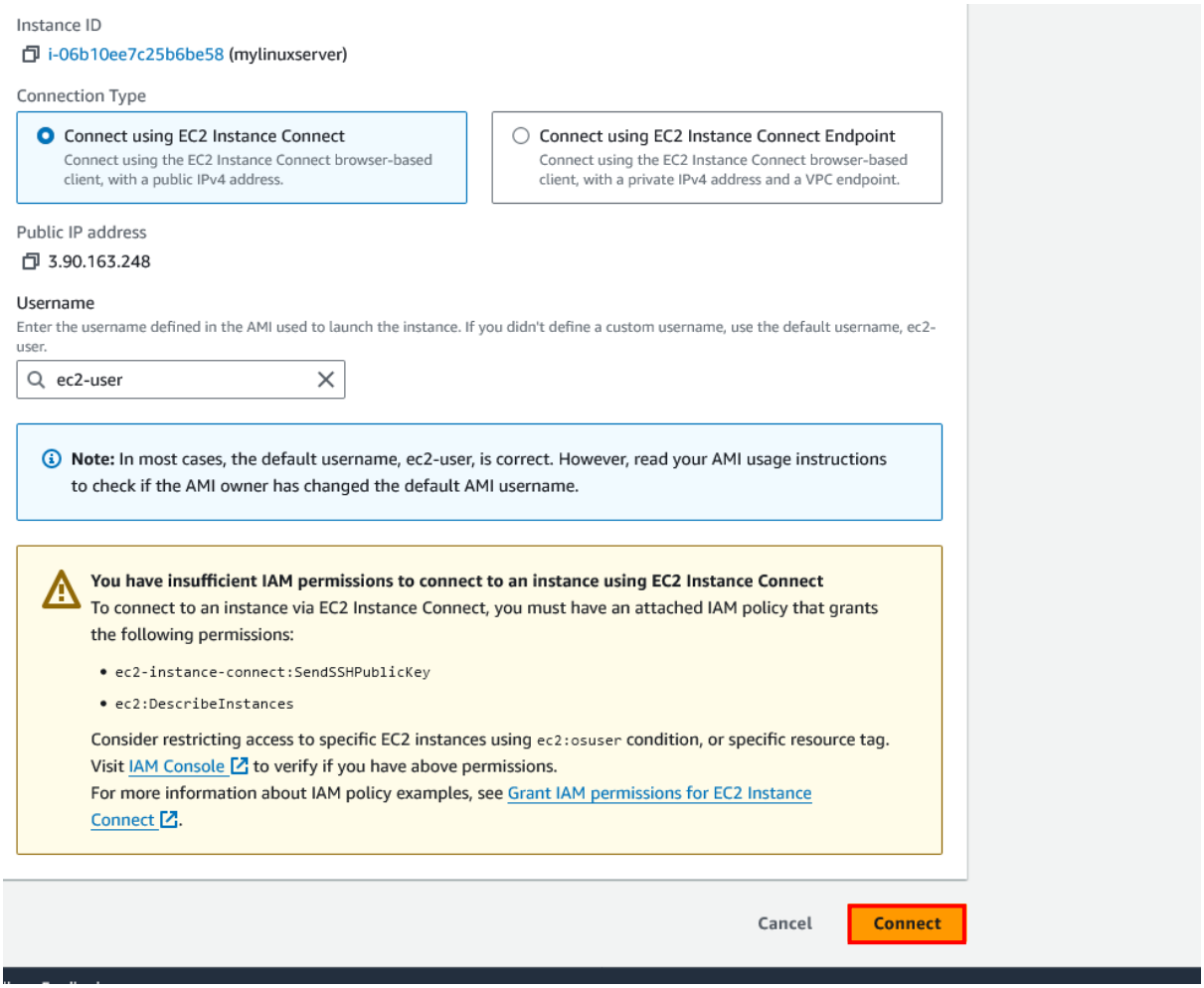
Step 8: now we select the mylinuxserver and clink on connect button

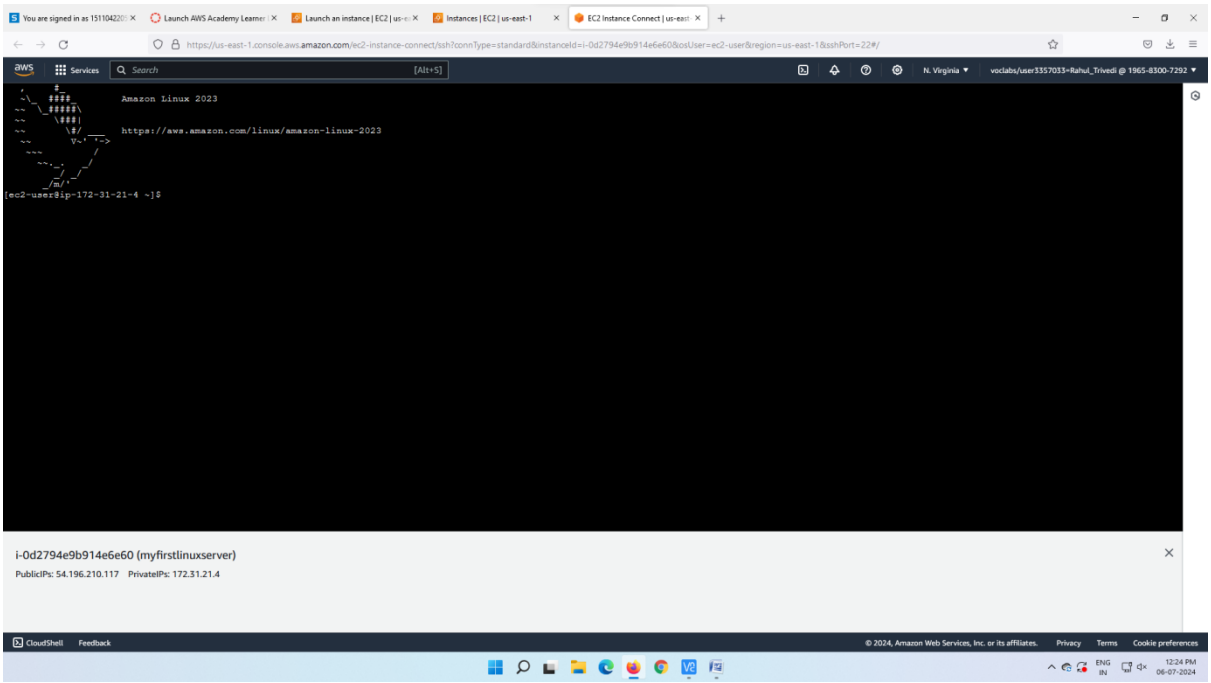


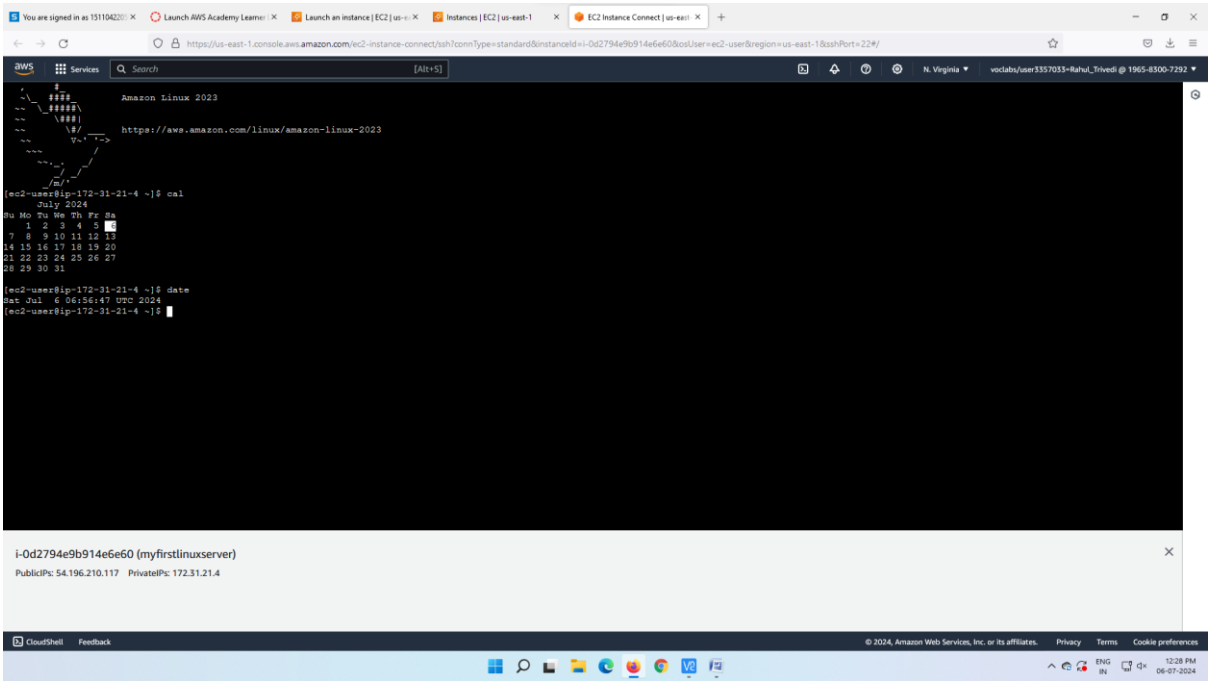
Step 9: in this connect to instance us select ec2 instance connect



Step 10: now click on connect button.




Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023
[ec2-user@ip-172-31-21-4 ~]$
i-0d2794e9b914e6e60 (myfirstlinuxserver)
PublicIPs: 54.196.210.117 PrivateIPs: 172.31.21.4


Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023
[ec2-user@ip-172-31-21-4 ~]$ cal
July 2024
Su Mo Tu We Th Fr Sa
1 2 3 4 5 6
7 8 9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30 31
[ec2-user@ip-172-31-21-4 ~]$ date
Sat Jul 6 06:56:47 UTC 2024
[ec2-user@ip-172-31-21-4 ~]$
i-0d2794e9b914e6e60 (myfirstlinuxserver)
PublicIPs: 54.196.210.117 PrivateIPs: 172.31.21.4

Step 11: finally we terminate this instance