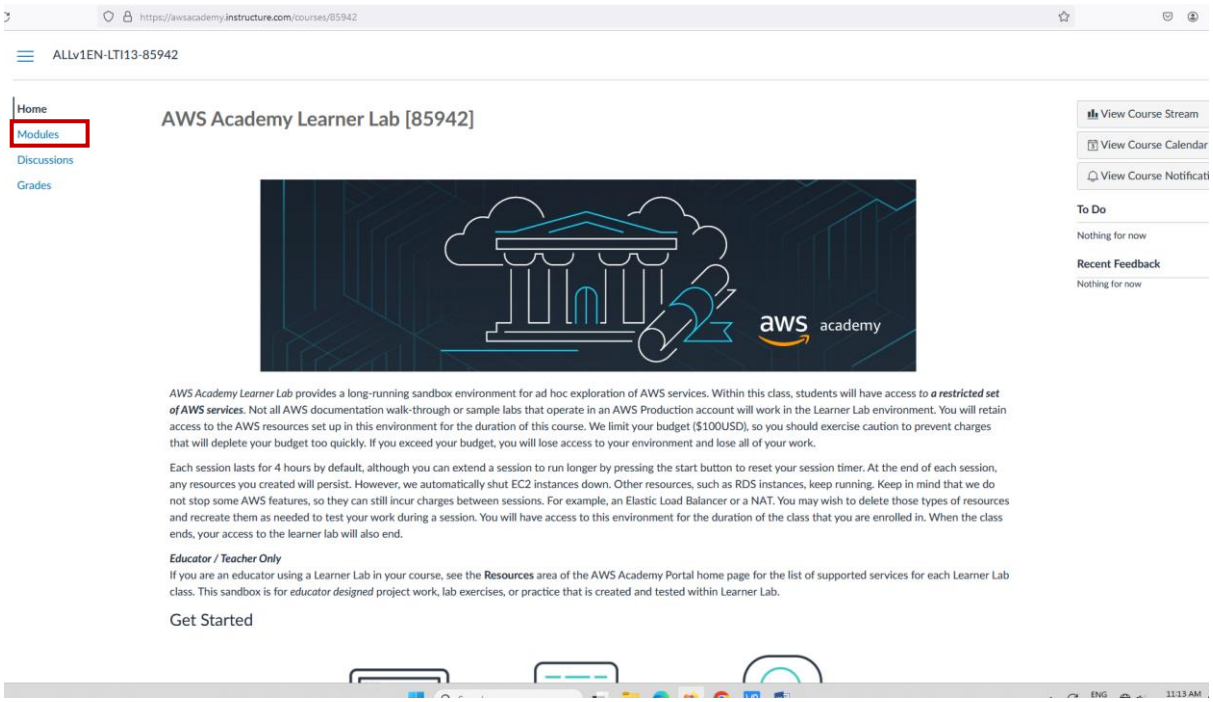
PRACTICAL 1

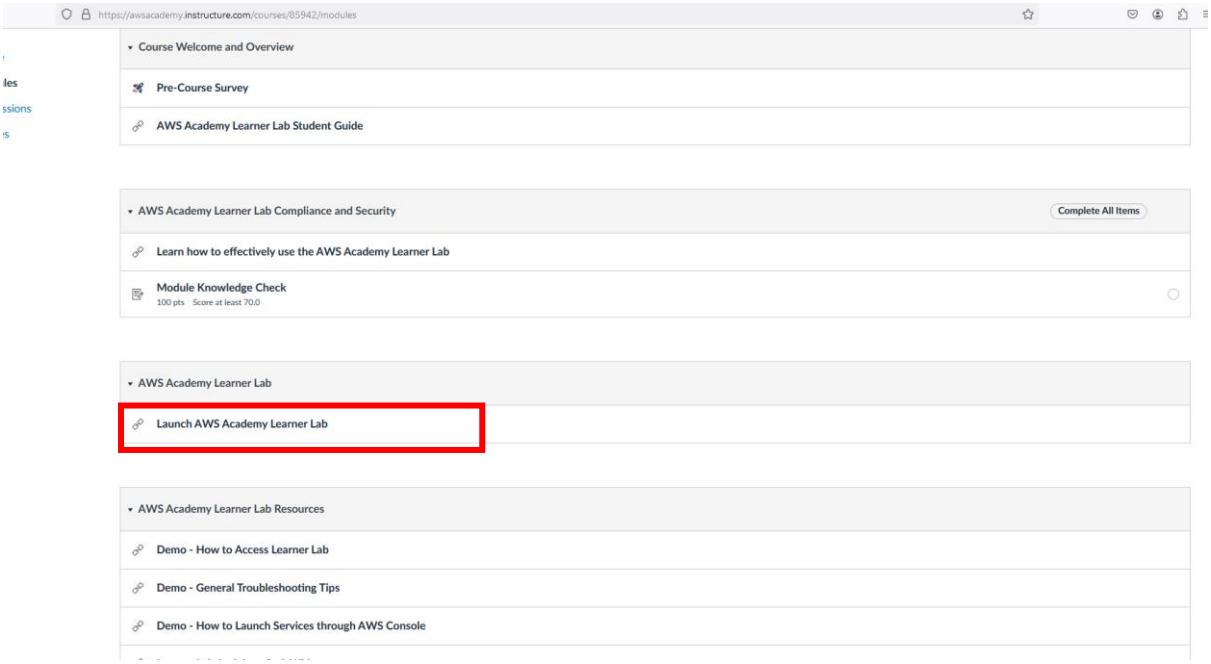
AIM: to Configure EC2 instance for window server using Aws

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

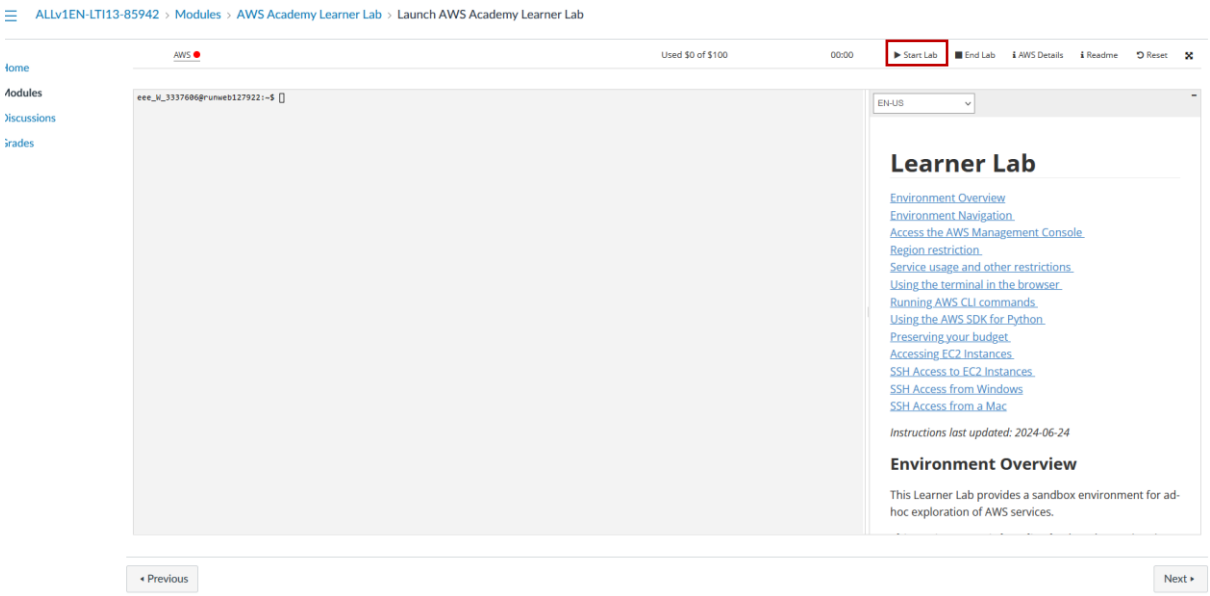
Step 2: after come in home page click on modules option as shown in below



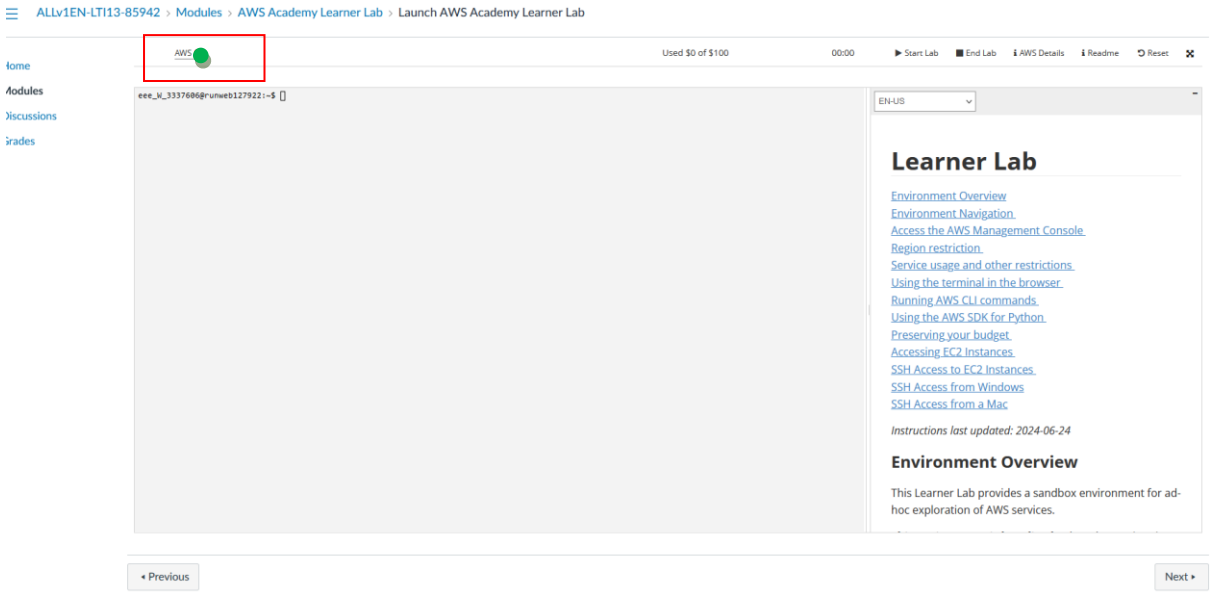
Step 3: click on launch aws academy learner lab



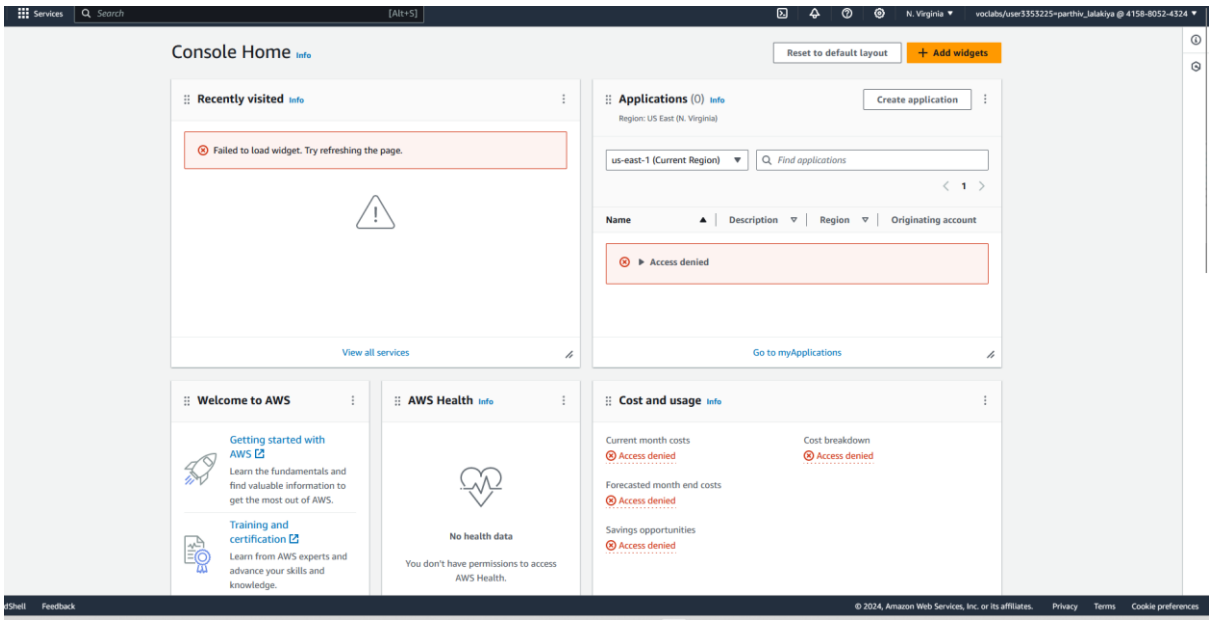
Step 4: as shown in below we click on star lab and wait until aws became green



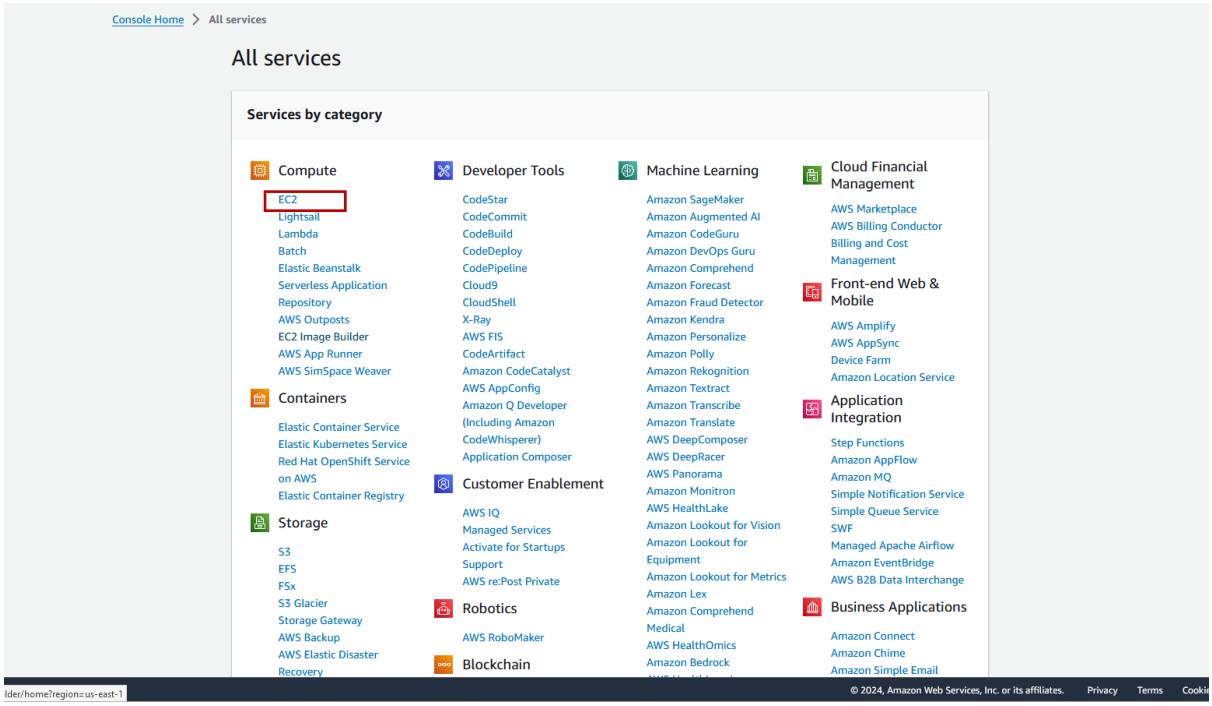
Step 5: after we click on aws bottom



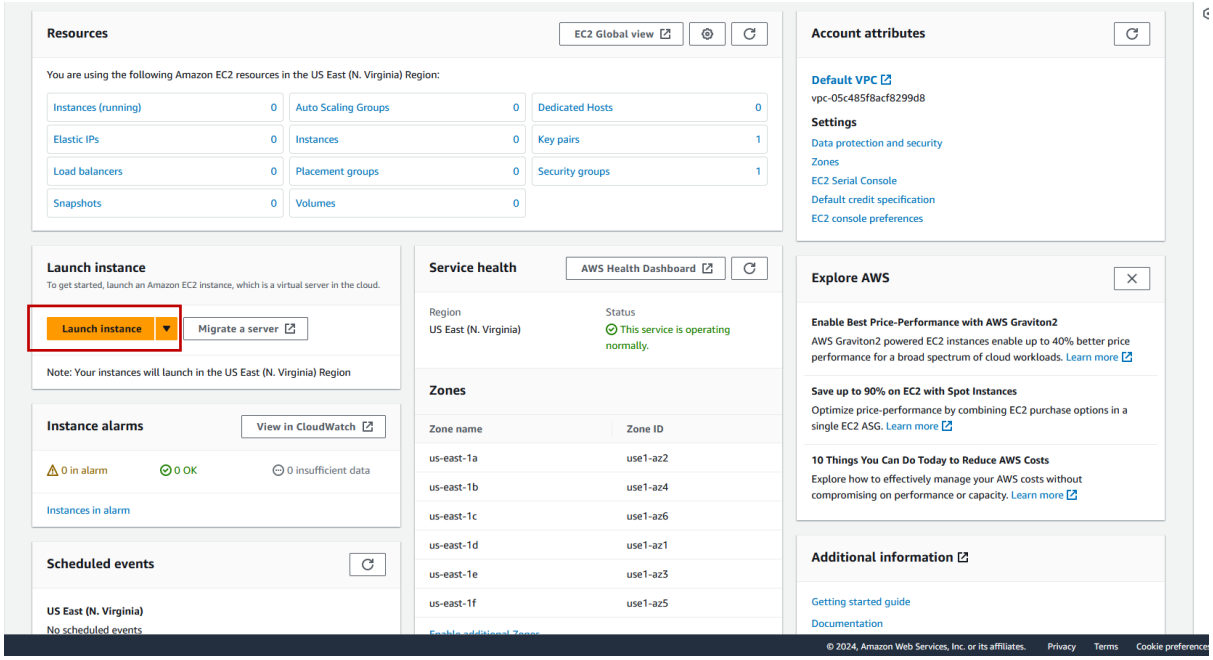
Step 6: next we come in console home page and click on all services



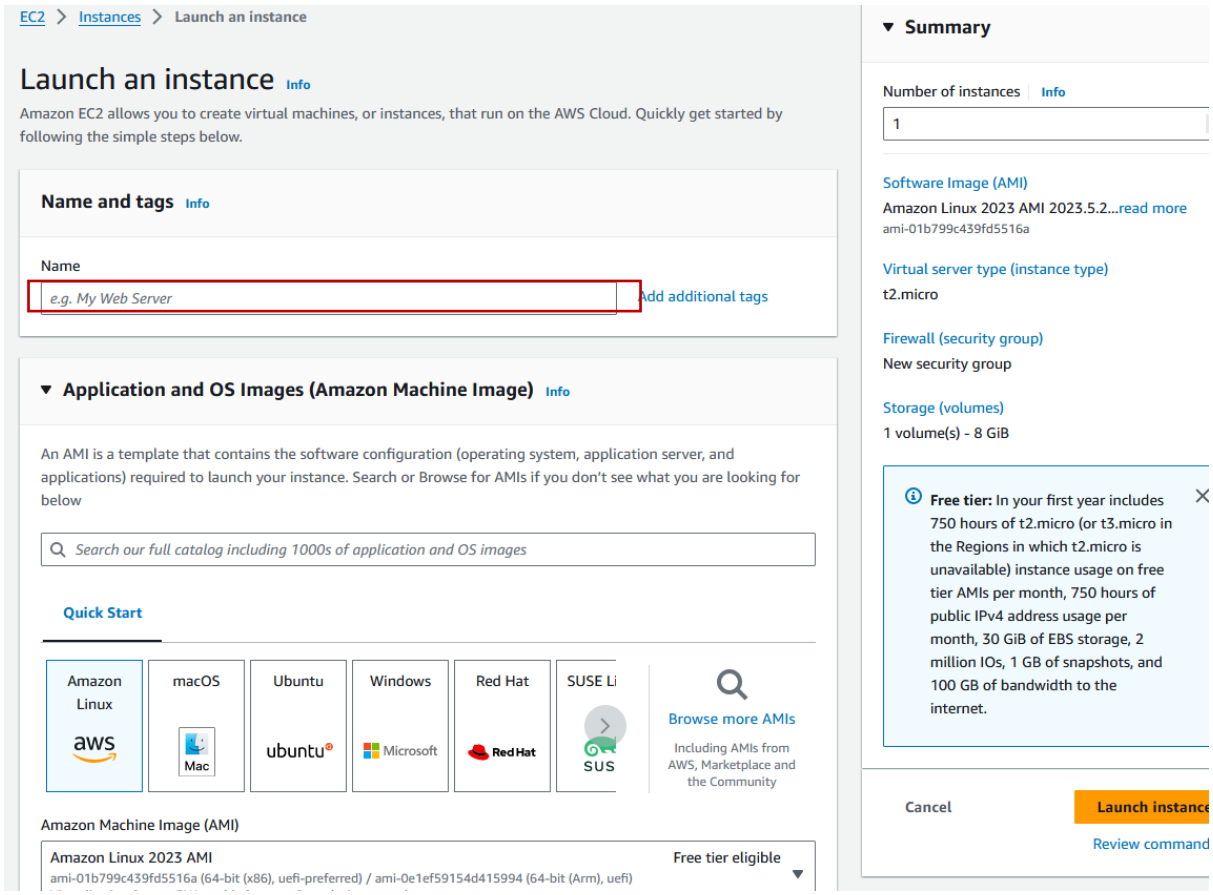
Step 7: now we select EC2

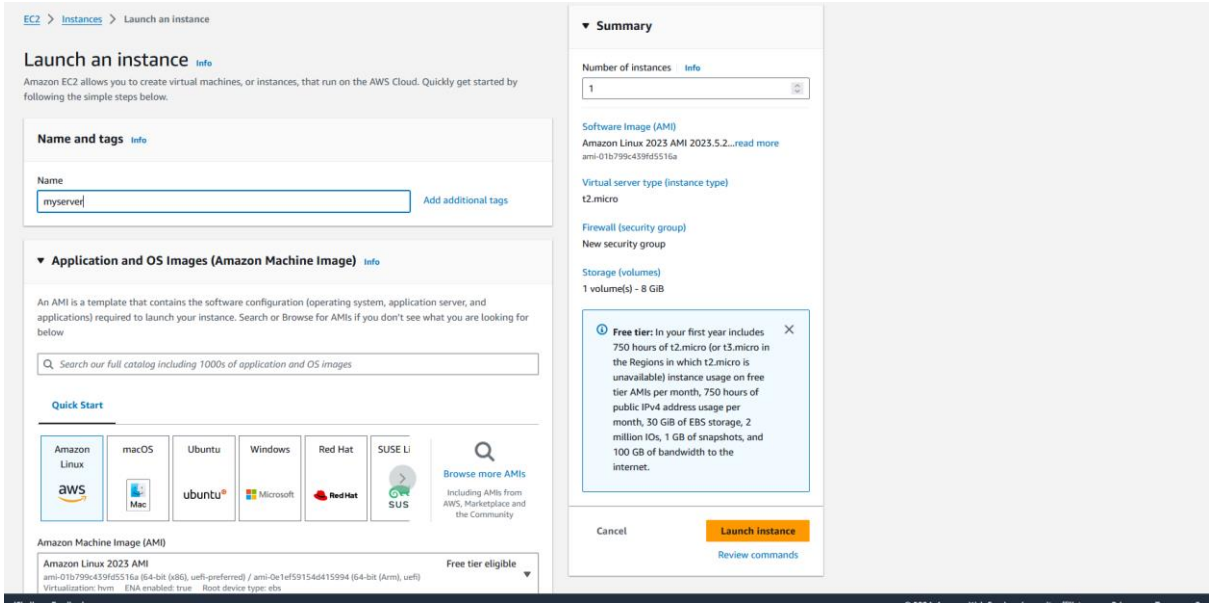


Step 8: here we can see that there are no instances are running, next we click on launch instance

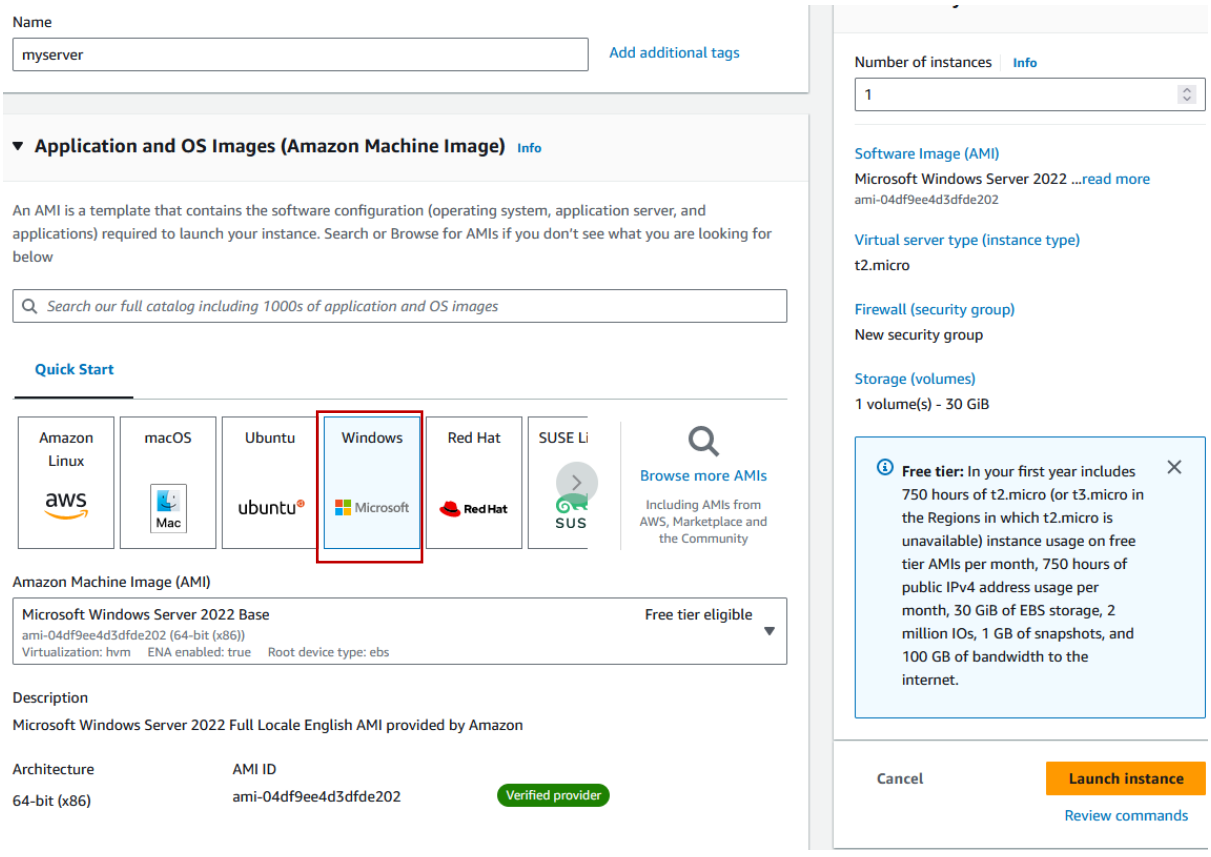


Step 9: first we enter a name for example: my server

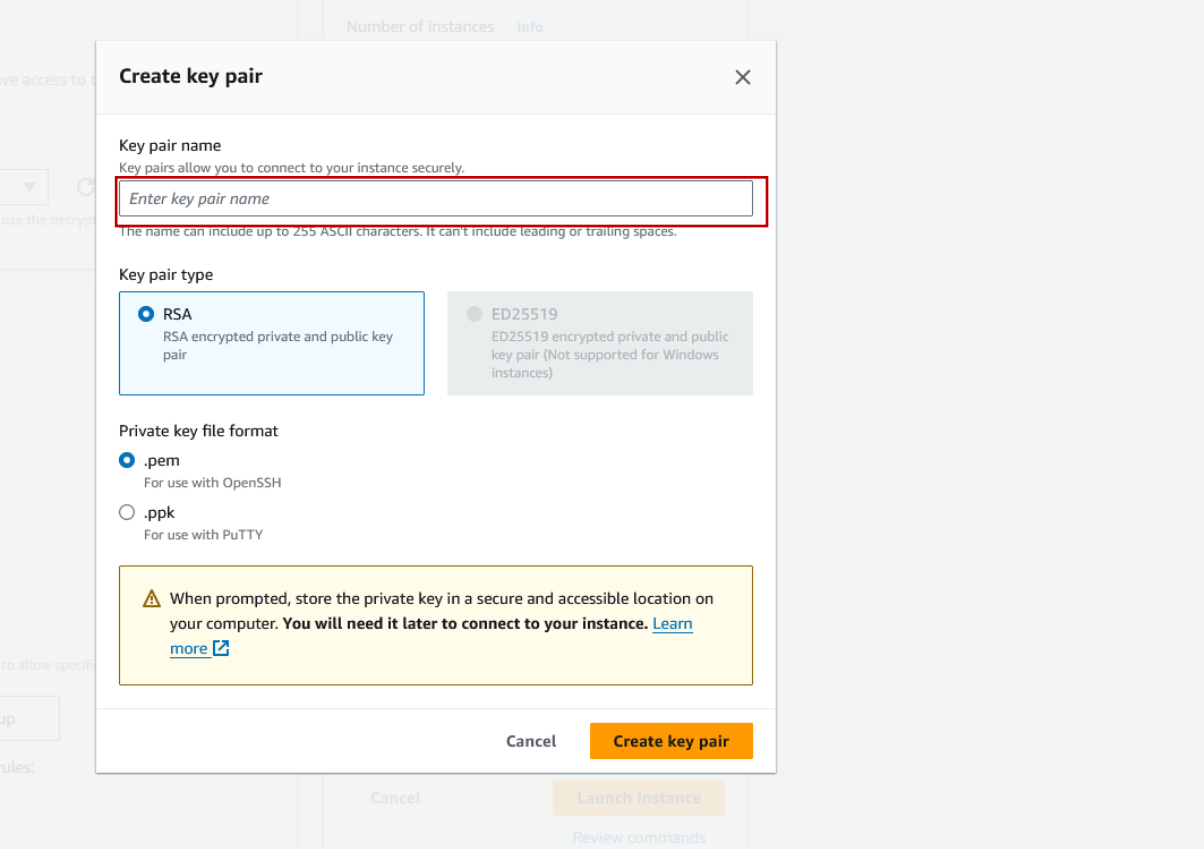




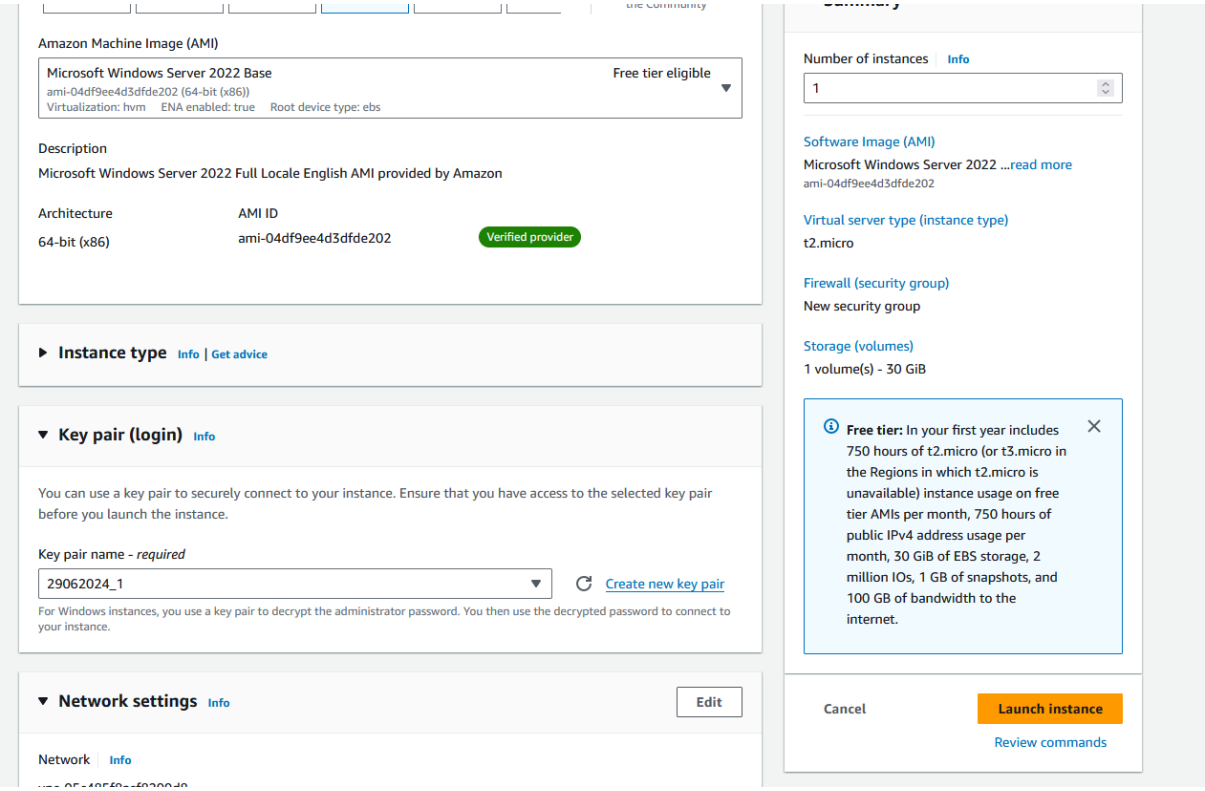
Step 10: here we make Microsoft windows server so we click on it



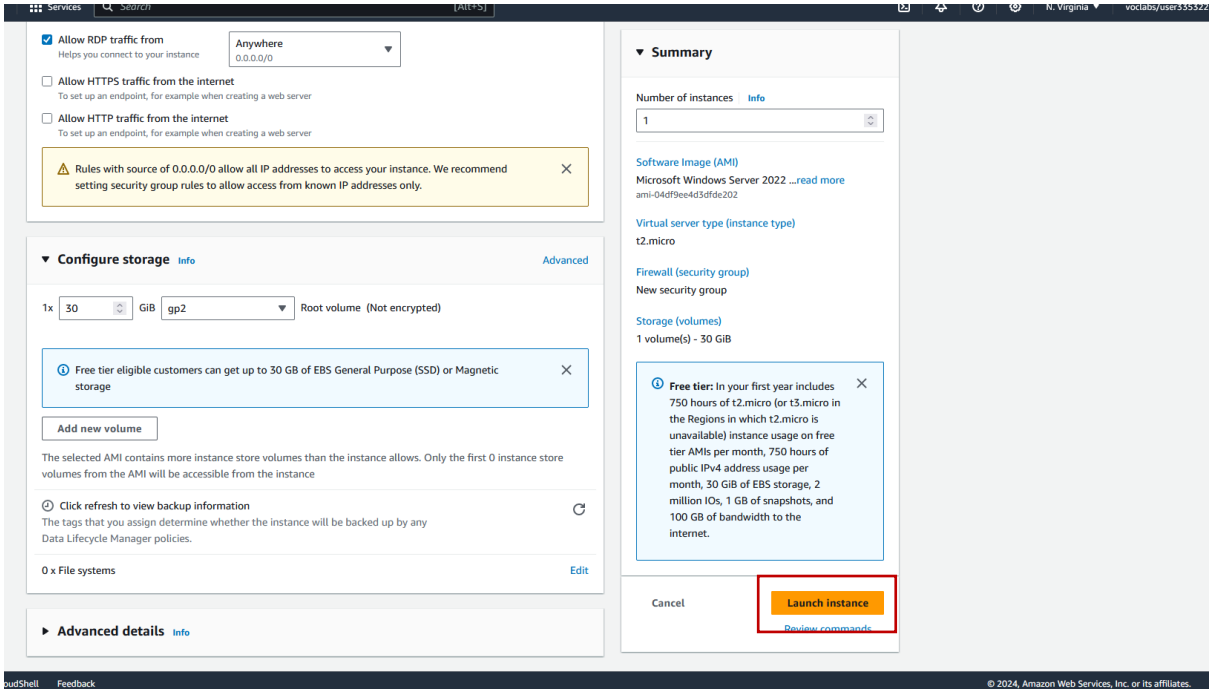
Step 11: next we enter a key pair, it is allow you to your instance security

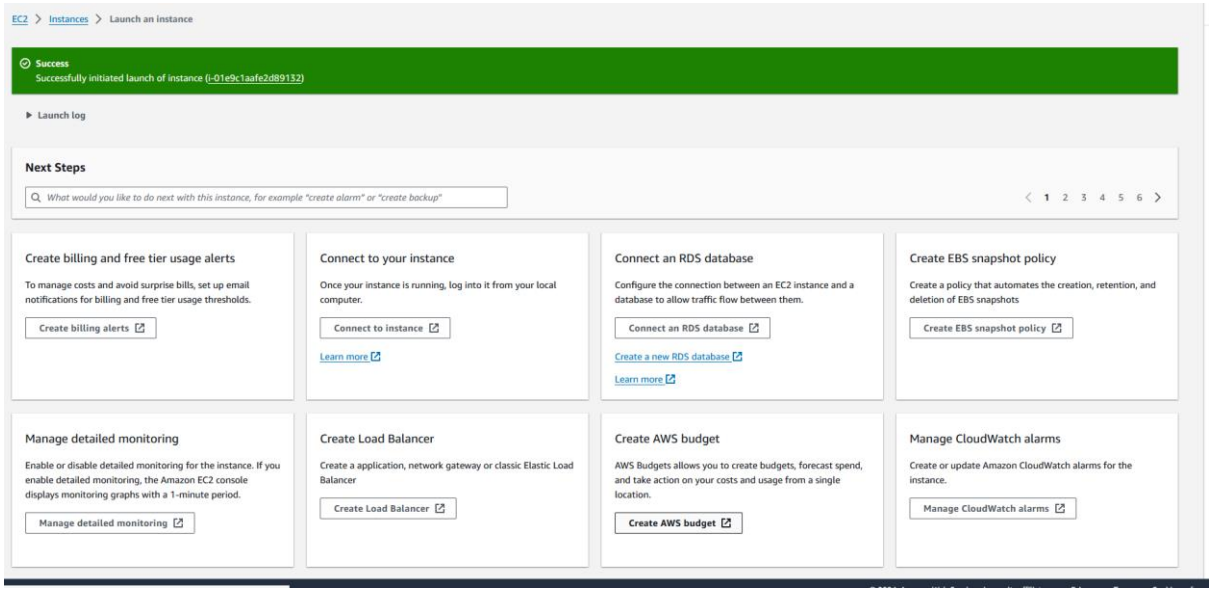


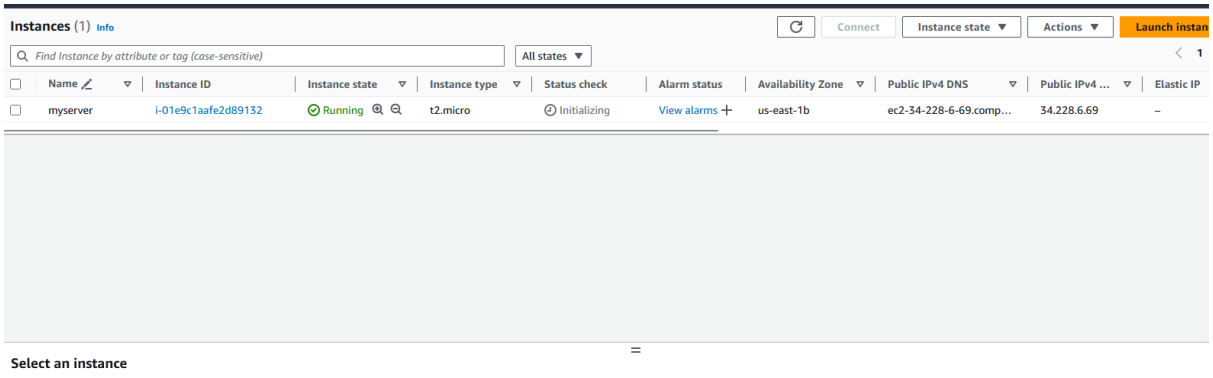
Step 12: here we enter 29062014_1 as a key pair



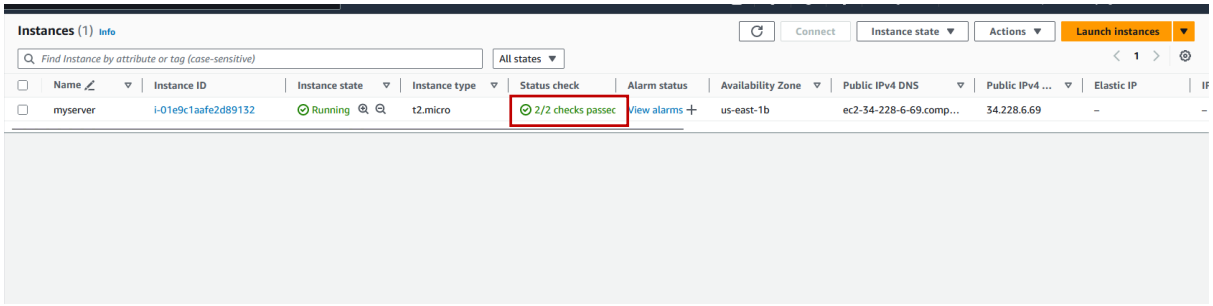
Step 13: next we enter launch instance


Services
Search
[Alt+S]
N. Virginia
Allow RDP traffic from
Helps you connect to your instance
Anywhere
0.0.0.0/0
Allow HTTPS traffic from the internet
To set up an endpoint, for example when creating a web server
Allow HTTP traffic from the internet
To set up an endpoint, for example when creating a web server
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.
Configure storage Info
Advanced
1x 30 GiB gp2 Root volume (Not encrypted)
Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage
Add new volume
The selected AMI contains more instance store volumes than the instance allows. Only the first 0 instance store volumes from the AMI will be accessible from the instance
Click refresh to view backup information
The tags that you assign determine whether the instance will be backed up by any Data Lifecycle Manager policies.
0 x File systems
Edit
Advanced details Info
Summary
Number of instances Info
1
Software Image (AMI)
Microsoft Windows Server 2022 ...read more
ami-04df9ee4d3dfde202
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 30 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
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.

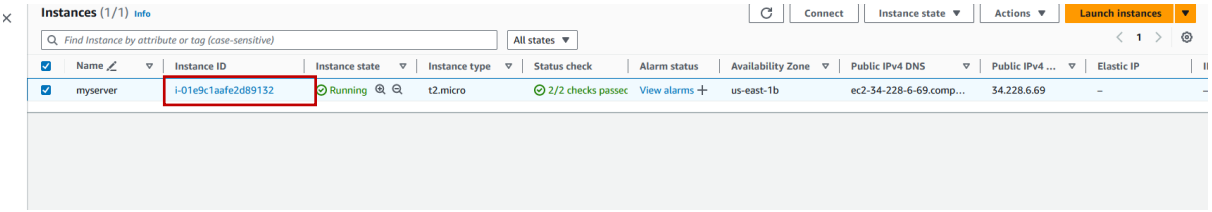

EC2 > Instances > Launch an instance
Success
Successfully initiated launch of instance (i-01e9c1aafe2d89132)
Launch log
Next Steps
What would you like to do next with this instance, for example "create alarm" or "create backup"
1 2 3 4 5 6
Create billing and free tier usage alerts
To manage costs and avoid surprise bills, set up email notifications for billing and free tier usage thresholds.
Create billing alerts
Connect to your instance
Once your instance is running, log into it from your local computer.
Connect to instance
Learn more
Connect an RDS database
Configure the connection between an EC2 instance and a database to allow traffic flow between them.
Connect an RDS database
Create a new RDS database
Learn more
Create EBS snapshot policy
Create a policy that automates the creation, retention, and deletion of EBS snapshots
Create EBS snapshot policy
Manage detailed monitoring
Enable or disable detailed monitoring for the instance. If you enable detailed monitoring, the Amazon EC2 console displays monitoring graphs with a 1-minute period.
Manage detailed monitoring
Create Load Balancer
Create a application, network gateway or classic Elastic Load Balancer
Create Load Balancer
Create AWS budget
AWS Budgets allows you to create budgets, forecast spend, and take action on your costs and usage from a single location.
Create AWS budget
Manage CloudWatch alarms
Create or update Amazon CloudWatch alarms for the instance.
Manage CloudWatch alarms

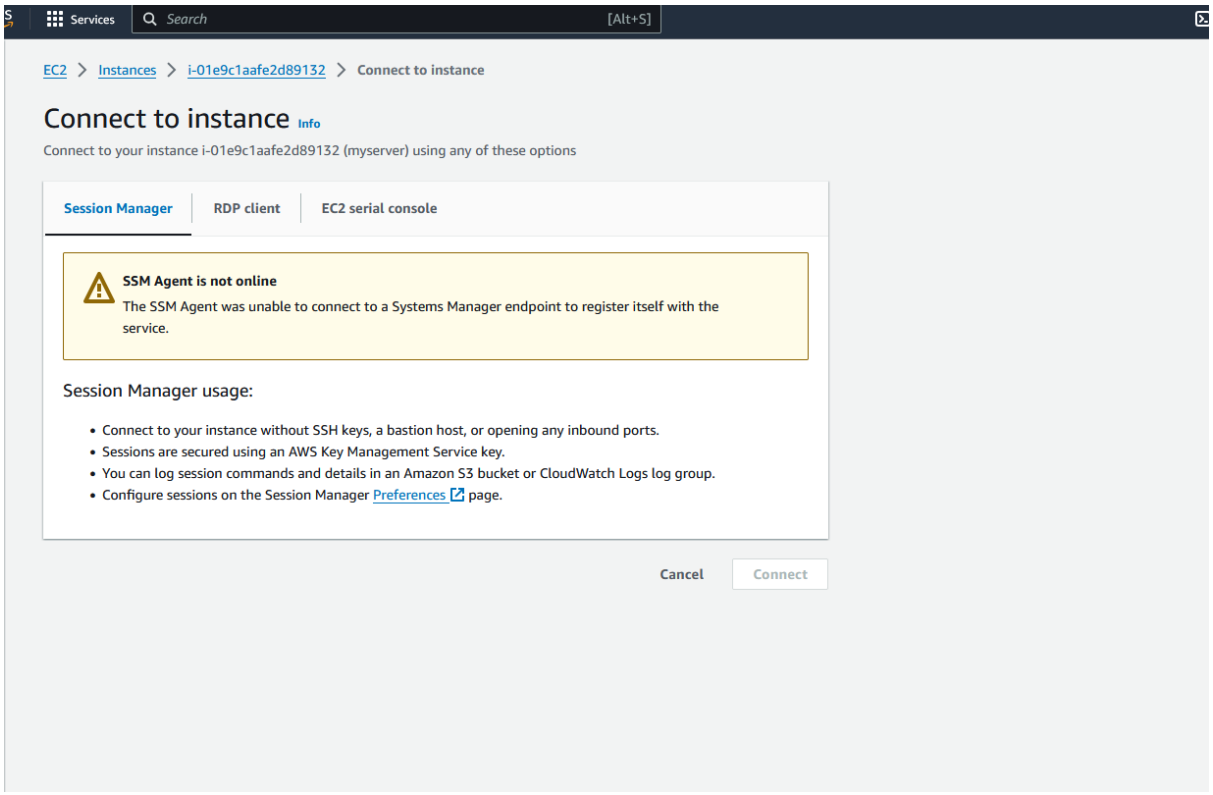


Step 14: here we wait until status check passed

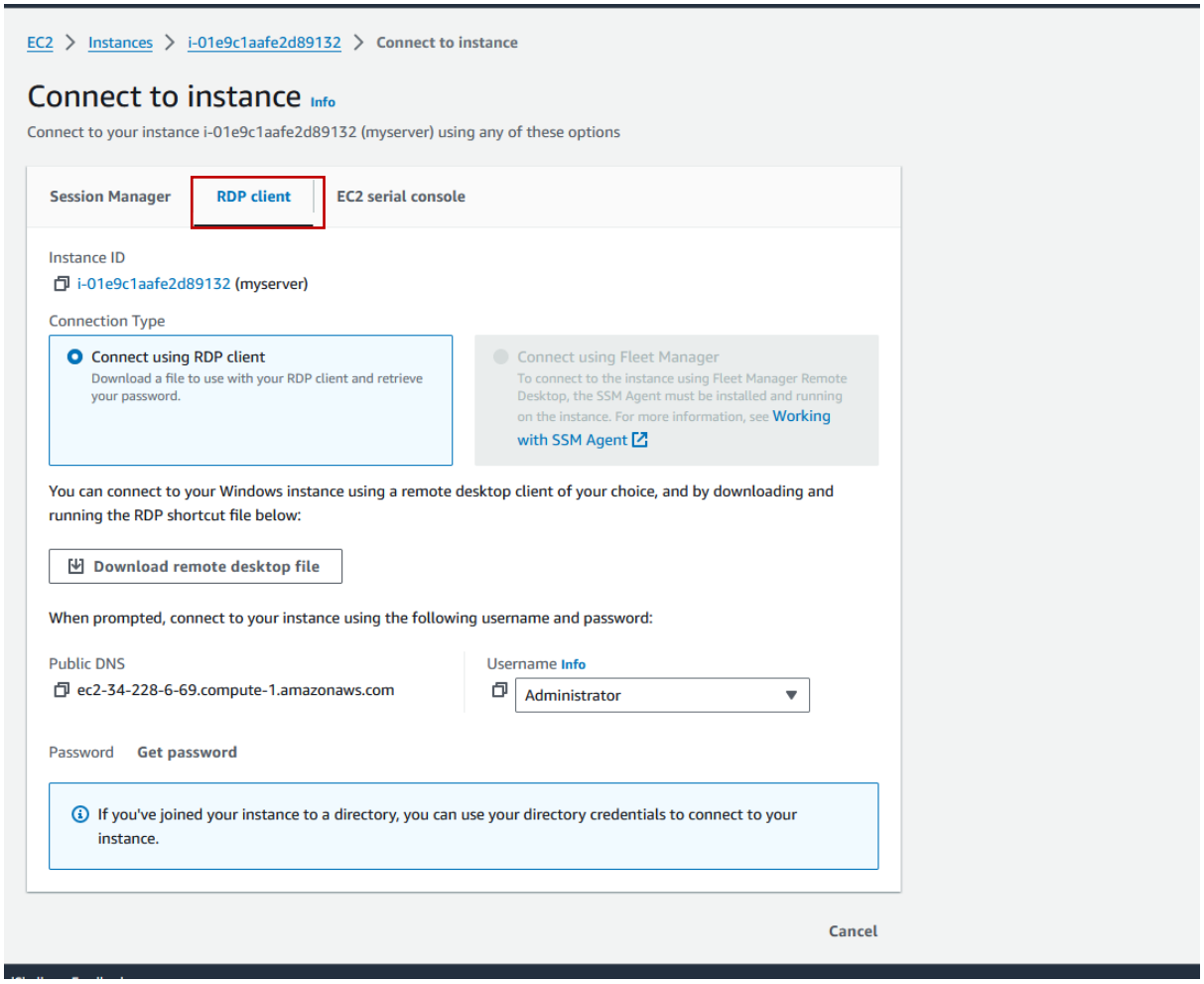


Step 15: now we click on instance id

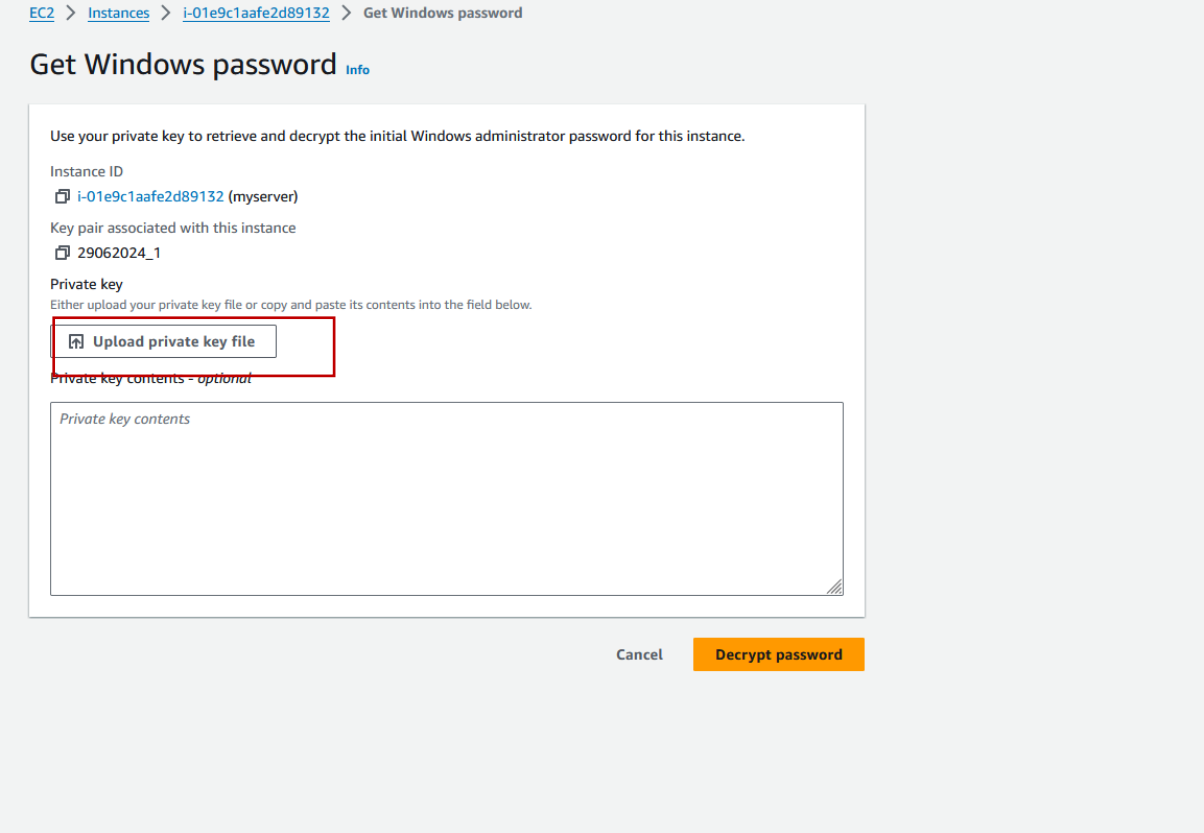




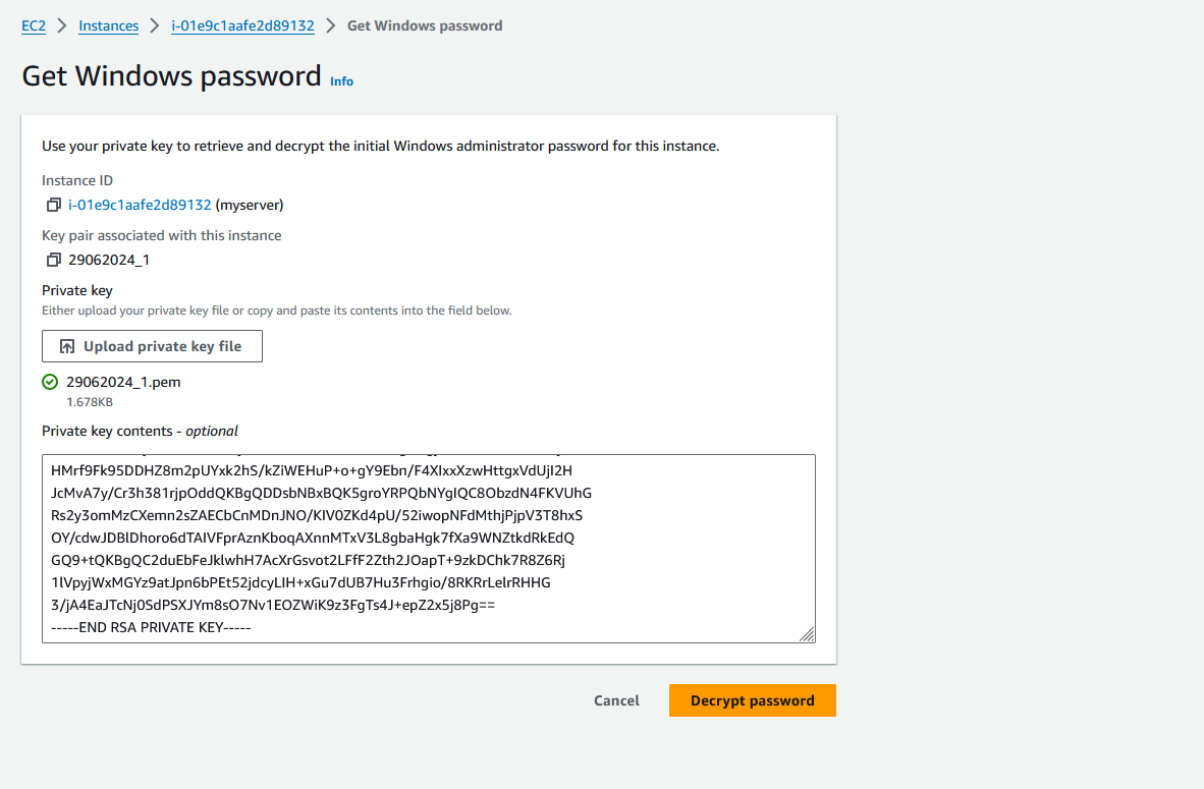
Step 16: now we click RDP client



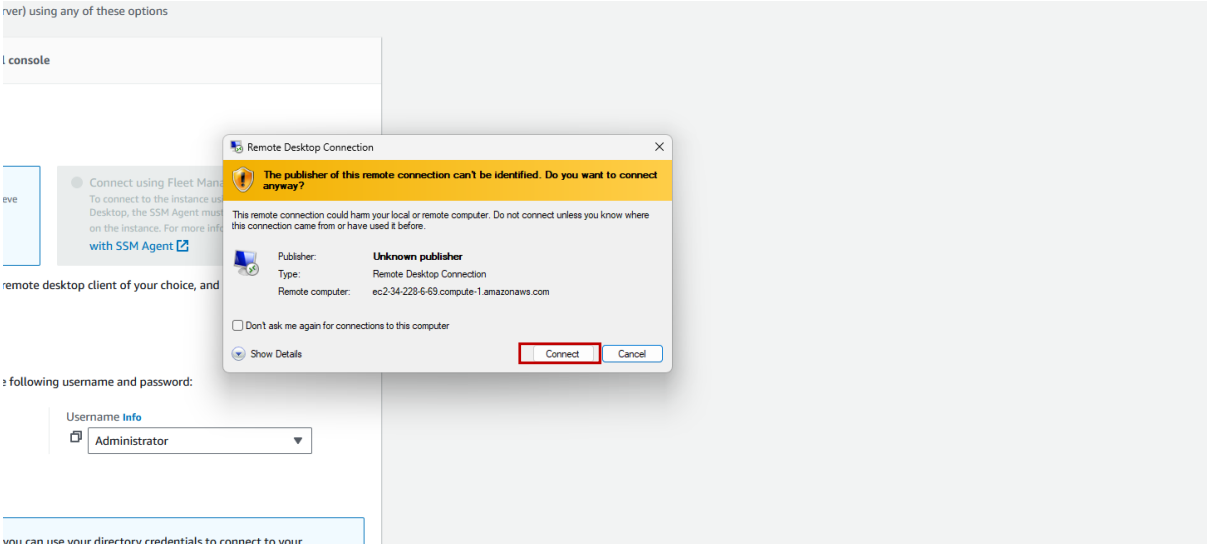
Step 17: now we enter a password so we click on upload private key file



Step 18: now we click on decrypt password



Step 19: here we click on connect button for established connection



Step 20: finally over virtual server is ready


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