INTRODUCTION TO VIRTUALIZATION AND CLOUD COMPUTING

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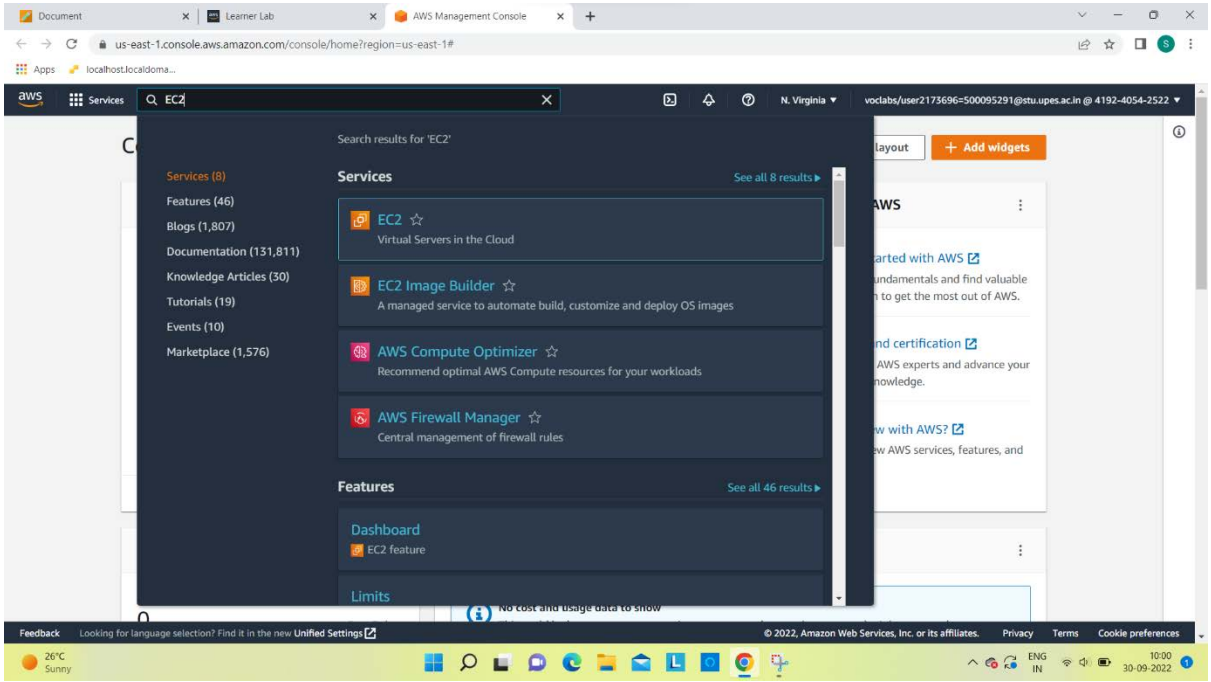
BATCH- 5

SAP ID- 500094571

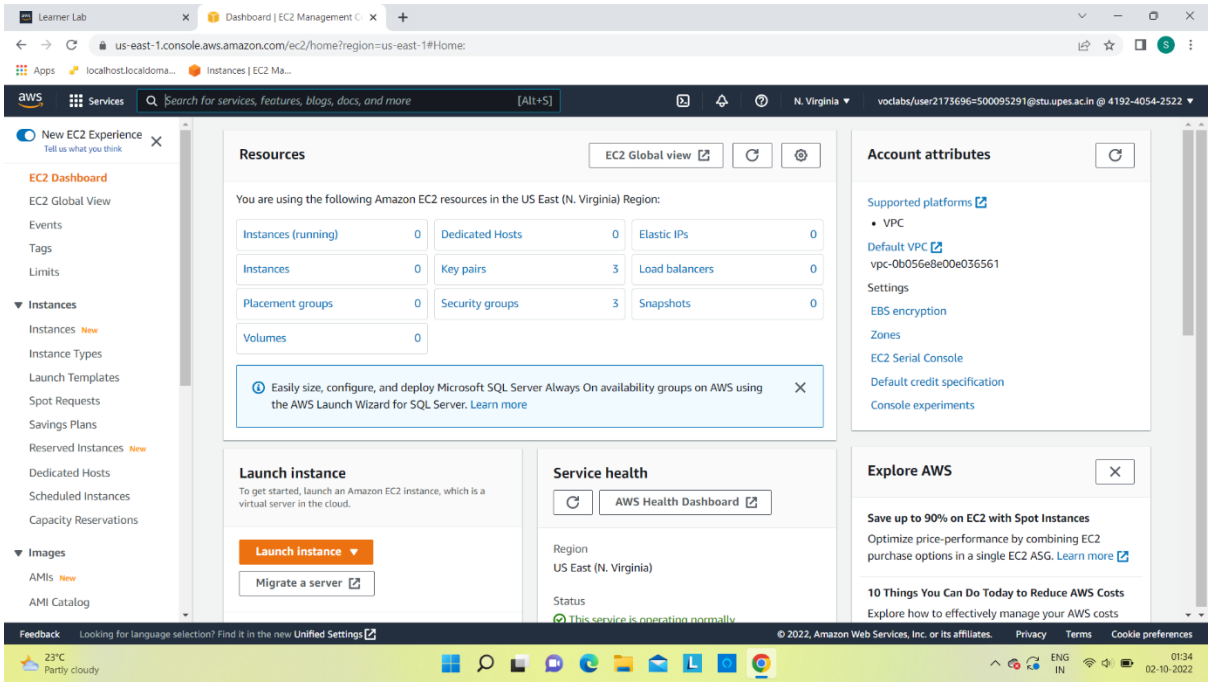
Creating AWS Windows EC2 Instance and Connecting to it.

Step1: Open the Amazon EC2 console

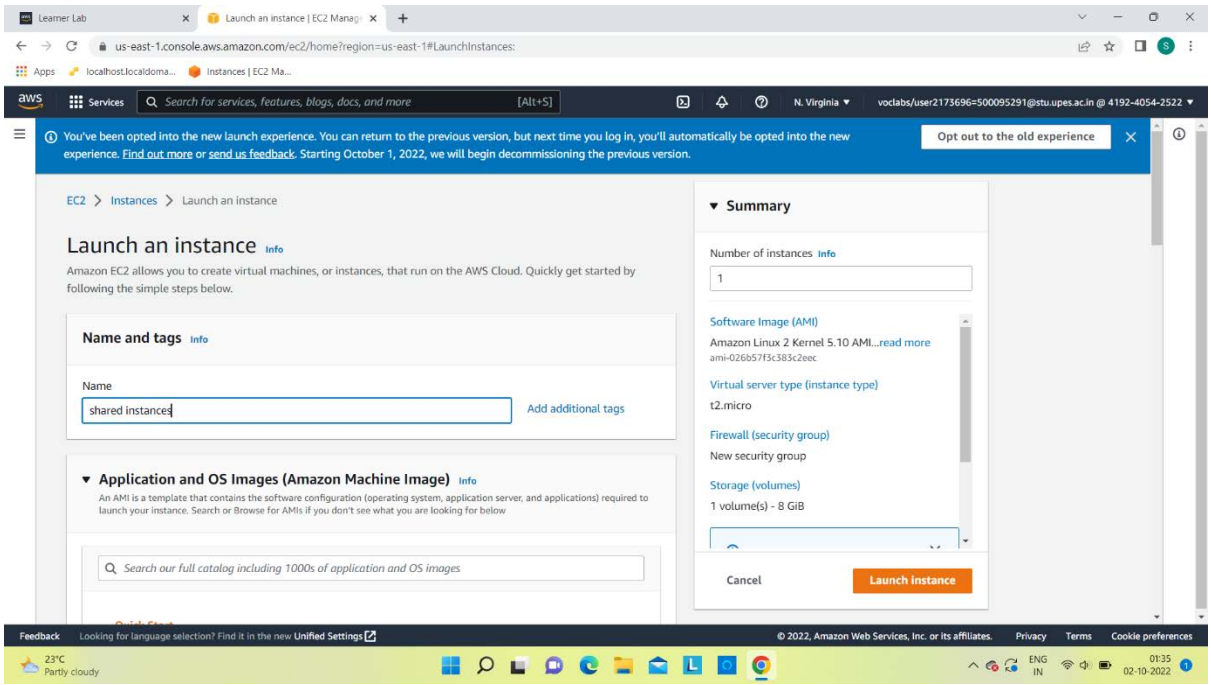
https://console.aws.amazon.com/ec2/



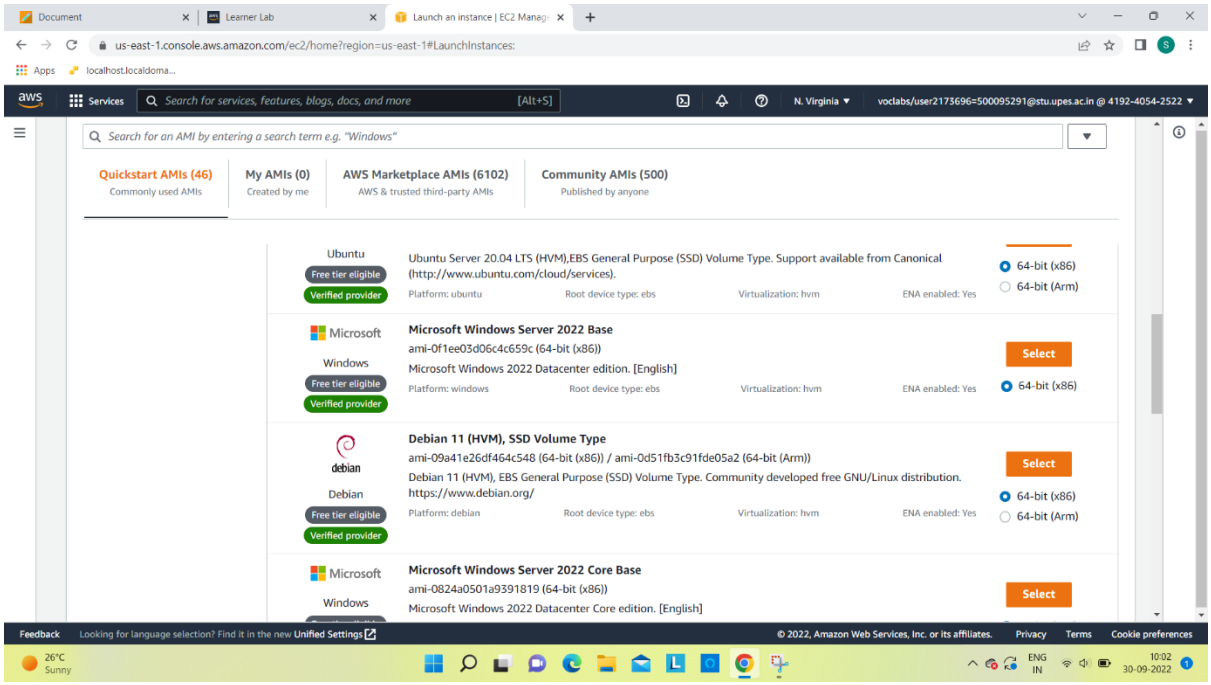
Step 2: From the console dashboard, choose Launch Instance**.**

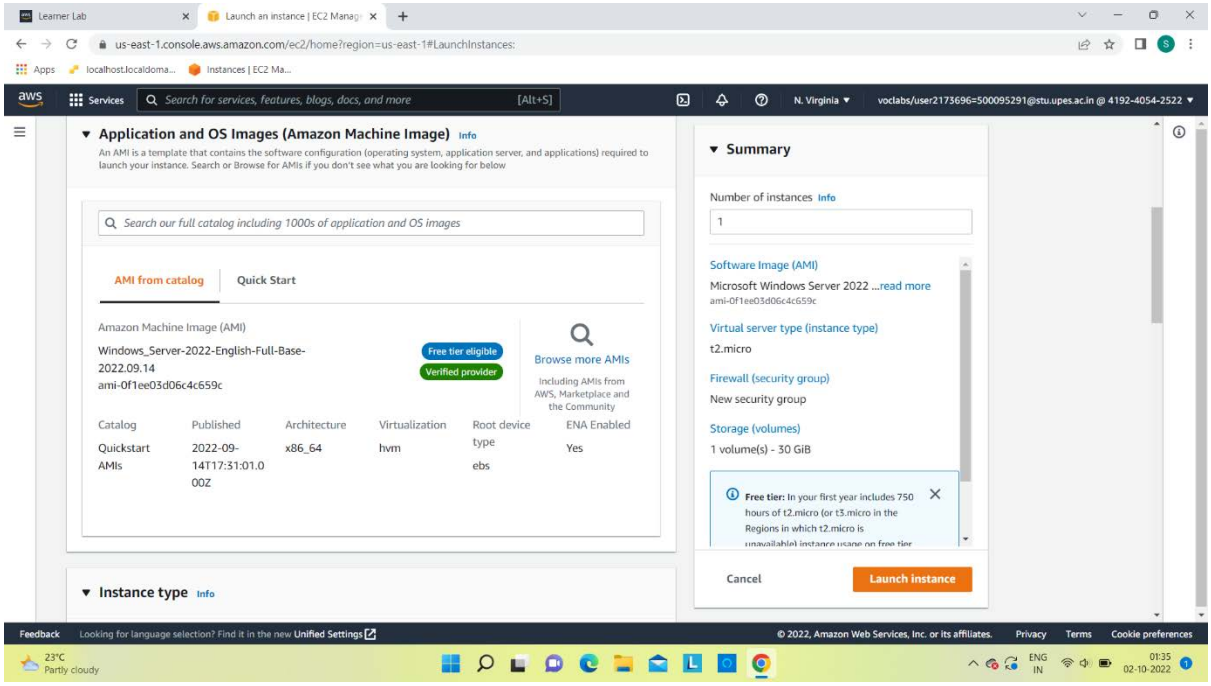


Step3: On Launch an instance page, write Name and tags of your instance.

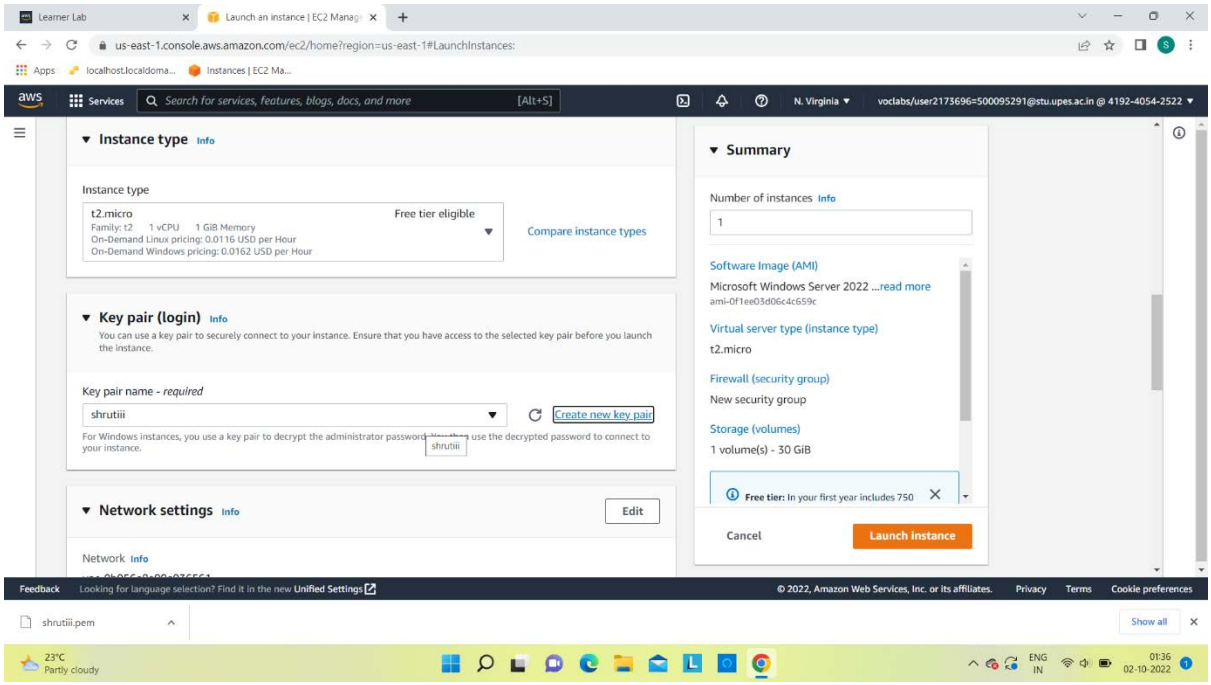


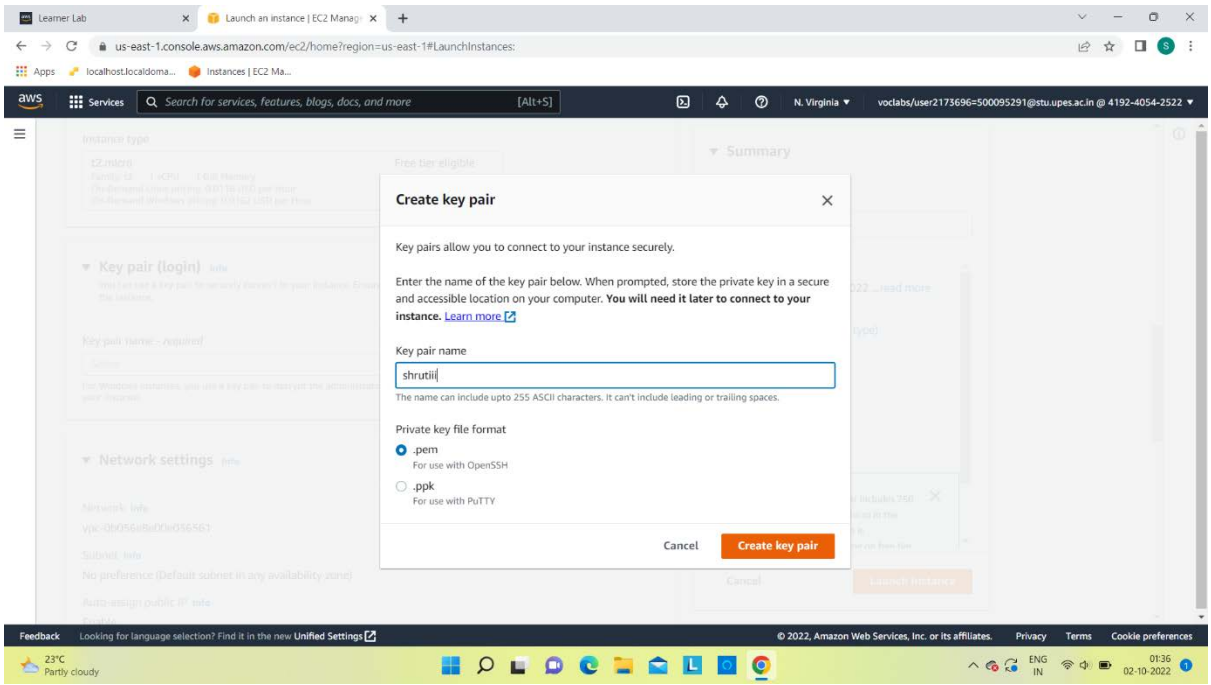
Step4: Choose an Amazon Machine Image (AMI). Select the AMI for “Microsoft Windows Server 2022 Base”. Ensure that these AMIs are marked "Free tier eligible”.



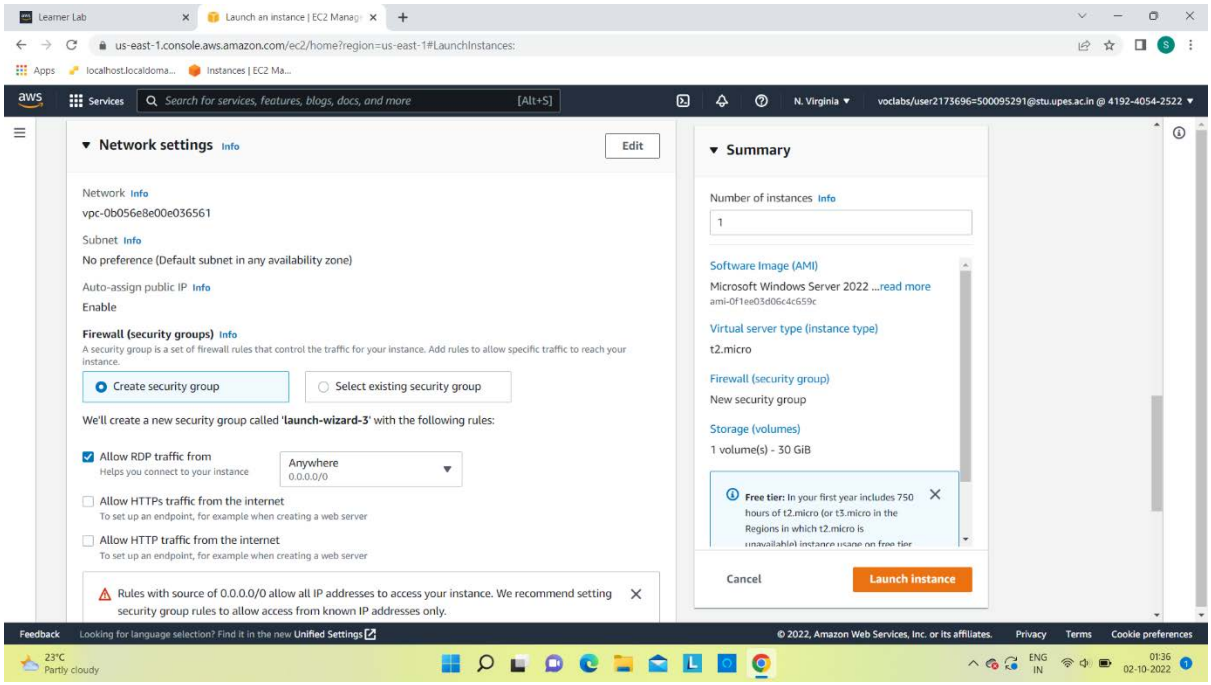


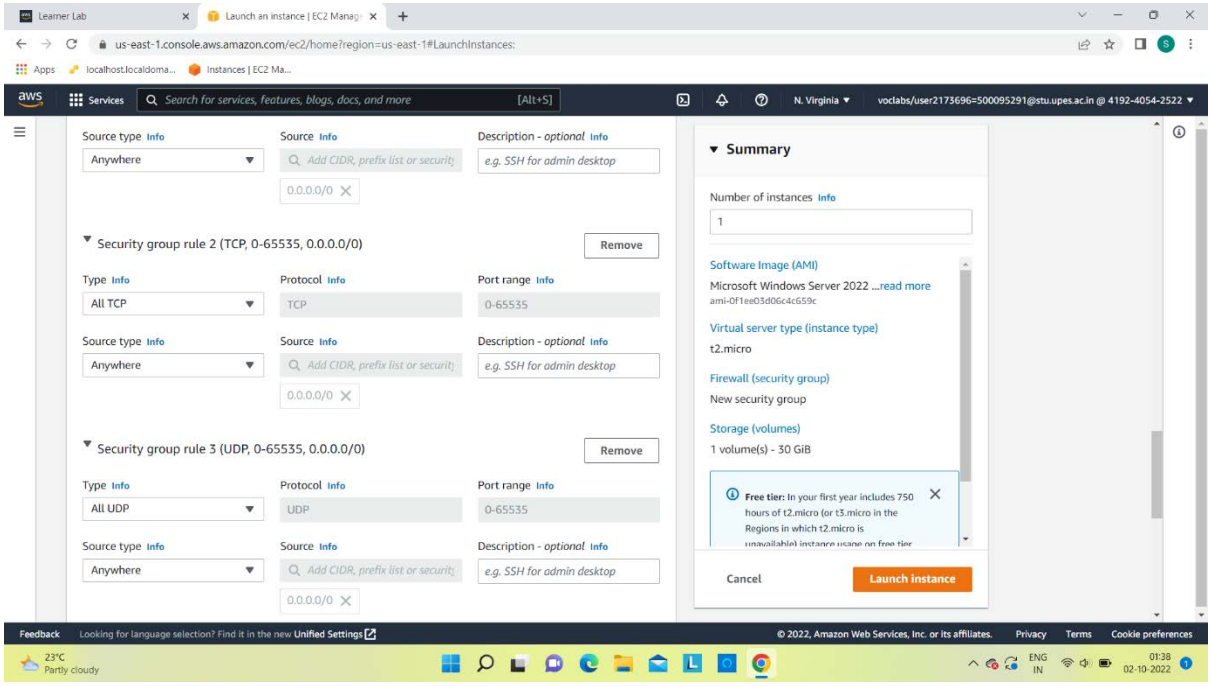
Step5: For a key pair, select “Create new key pair”, then give key pair name.



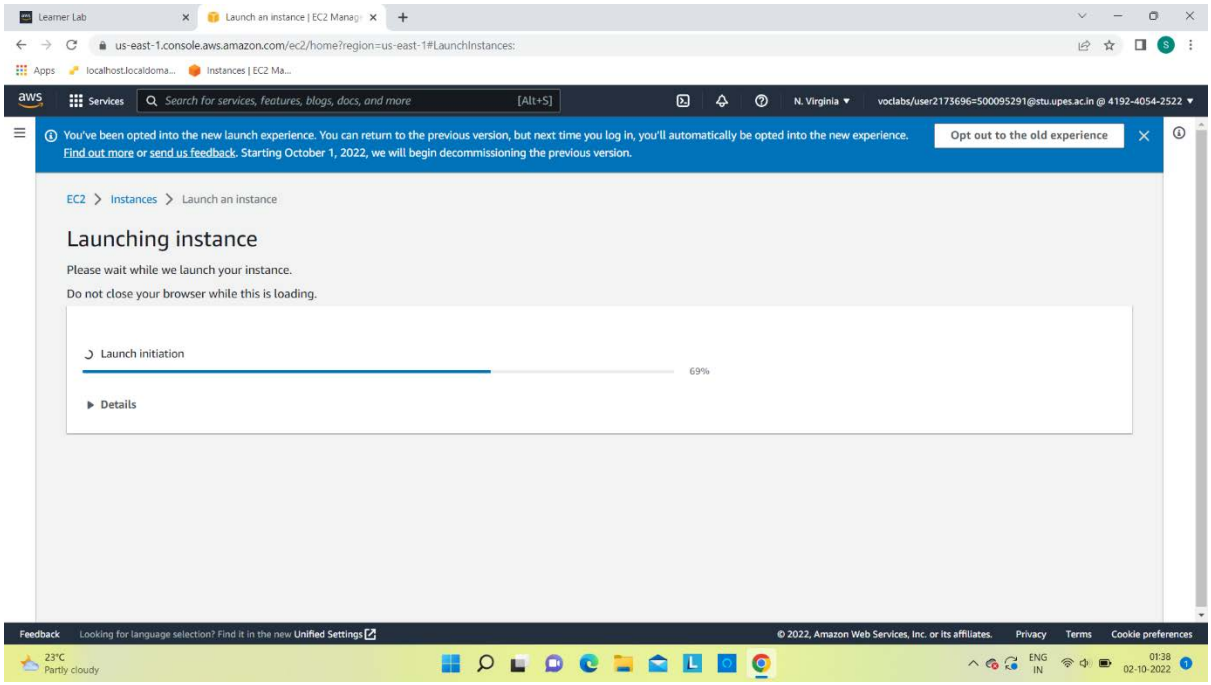


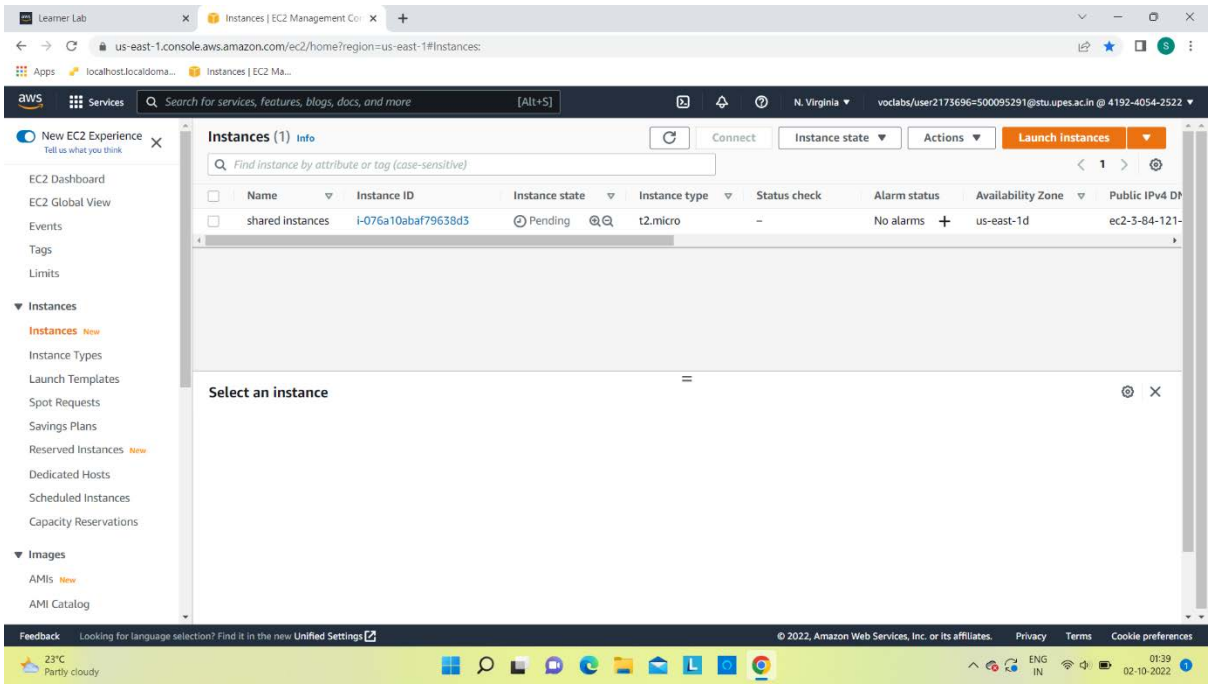
Step6: Click on Edit button then choose security group as "RDP, ALL TCP, ALL UDP". Then click on Launch Instances.



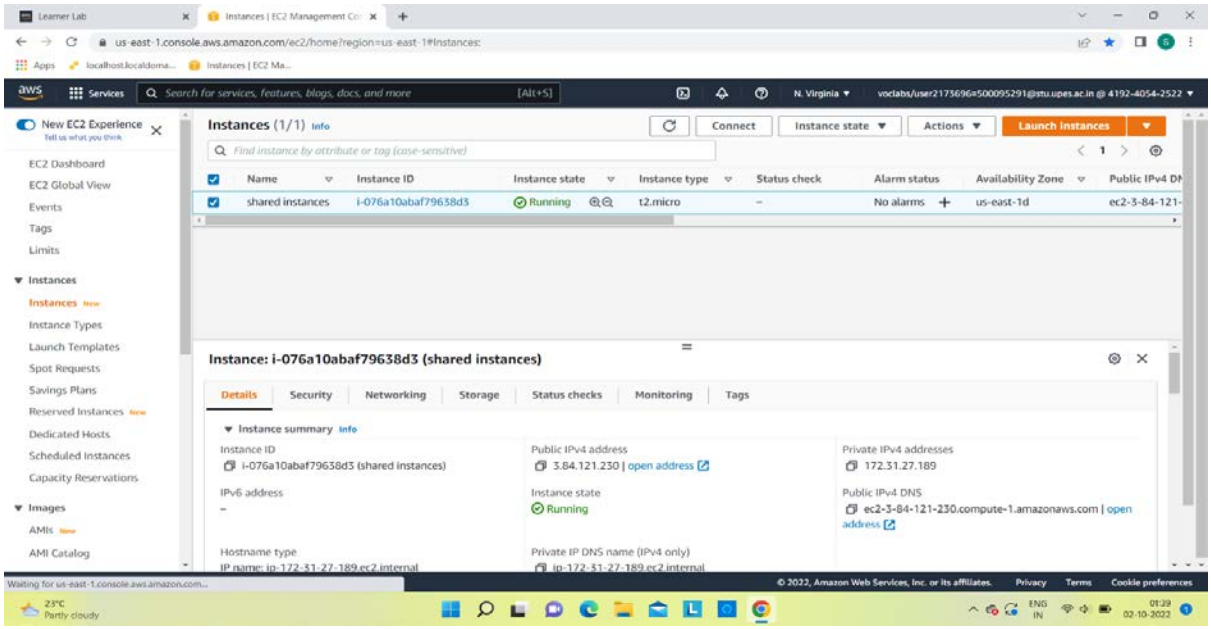


STEP7: Now instance is launching and showing instance state is pending.



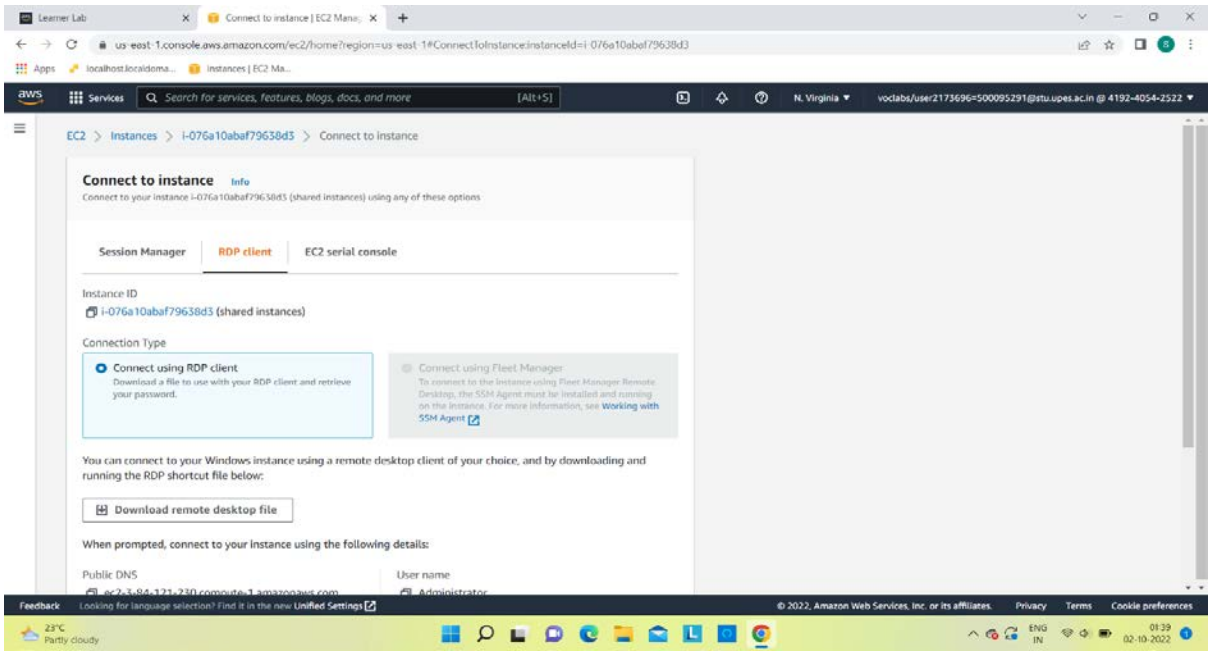


Step 8: You will see that your instance is running after 2-3 minutes. Click on “connect”.

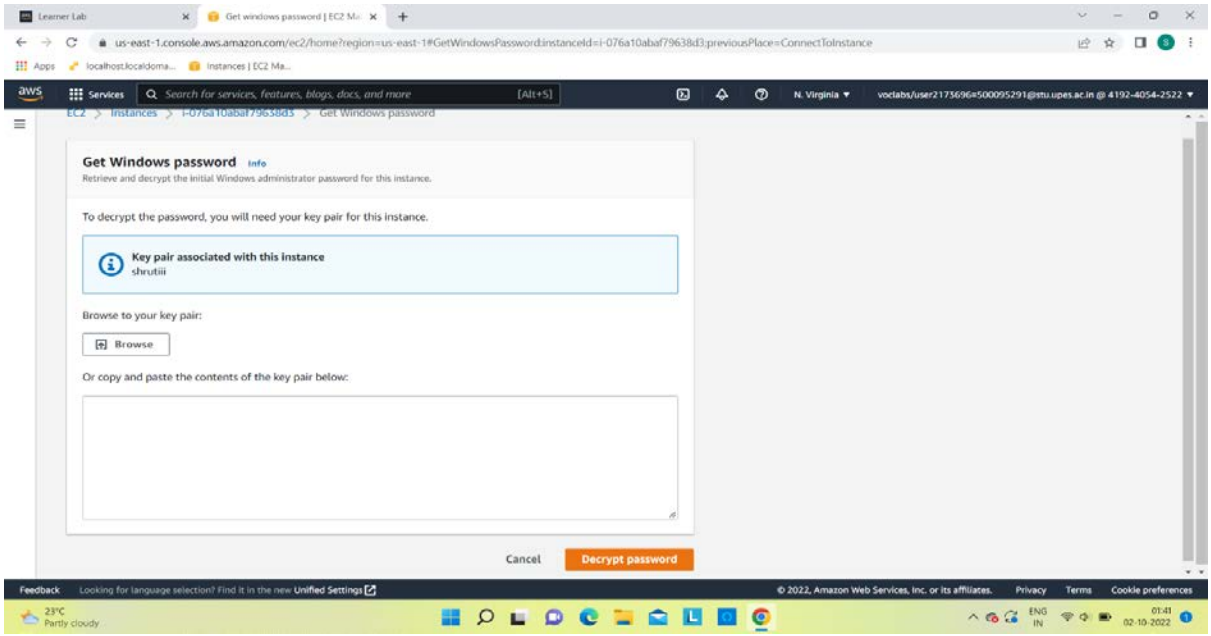


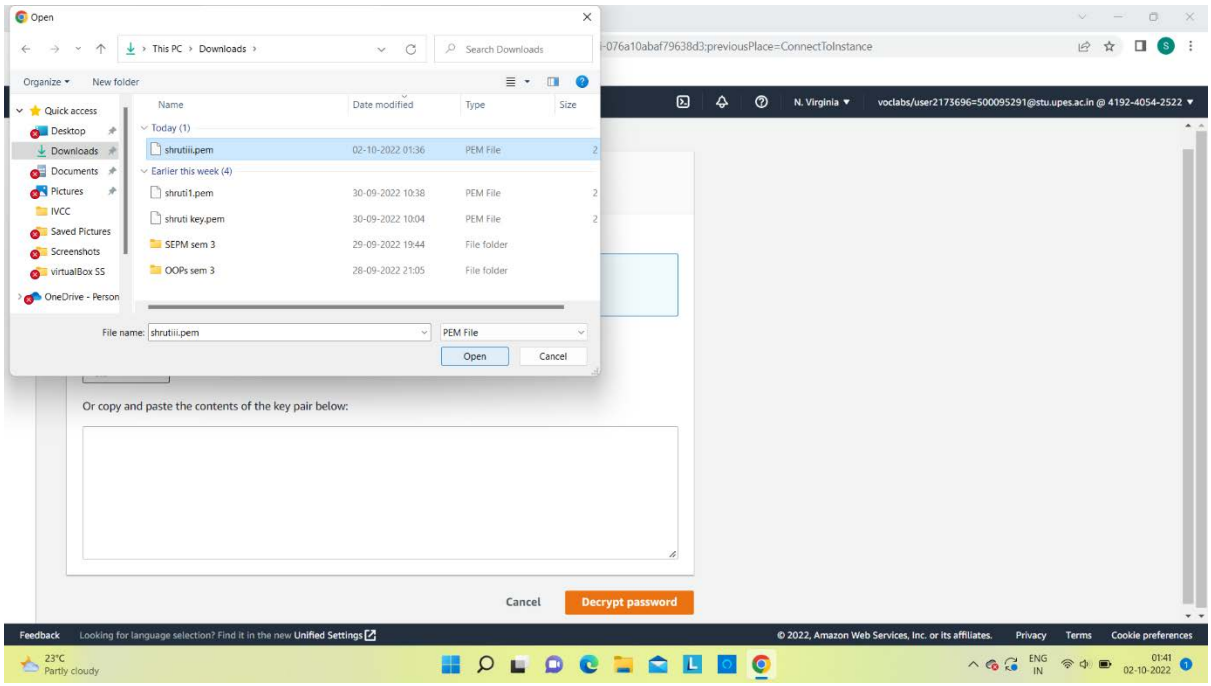
To connect to your Windows instance using an RDP client

Step9: Click on “Download Remote desktop file” and click on “get password”.

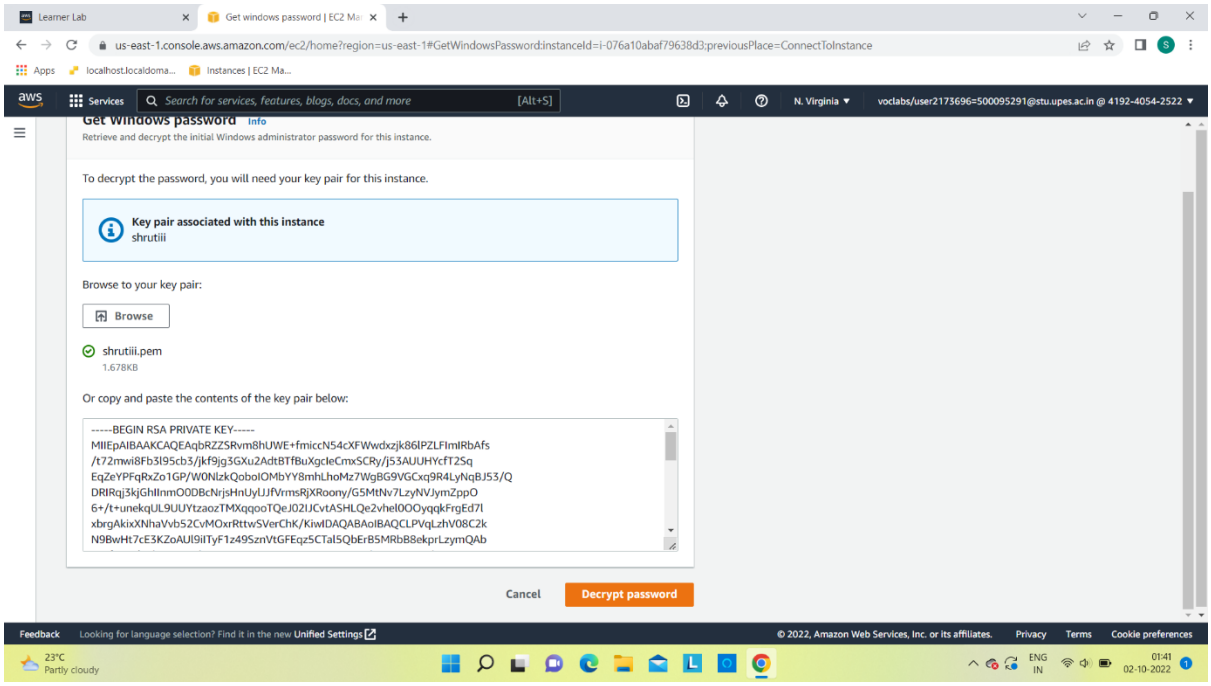


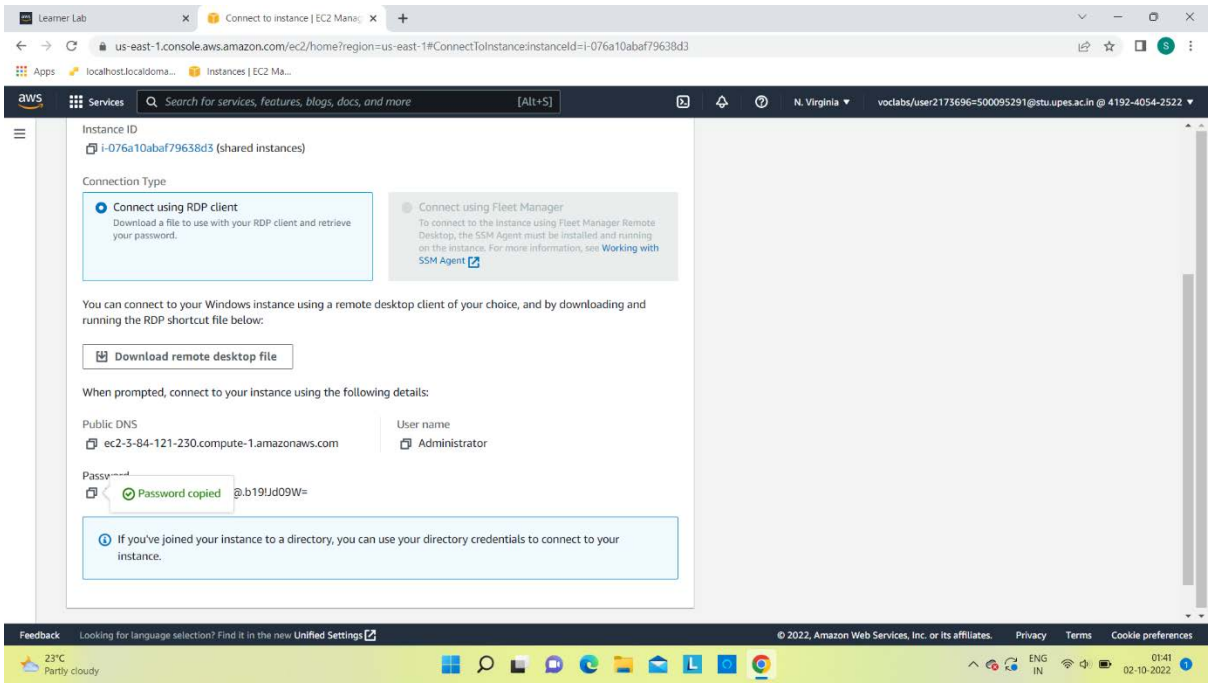
Step10: Choose Browse and navigate to the private key file you created when you launched the instance. Select the file and choose Open to copy the entire contents of the file into the Contents field.



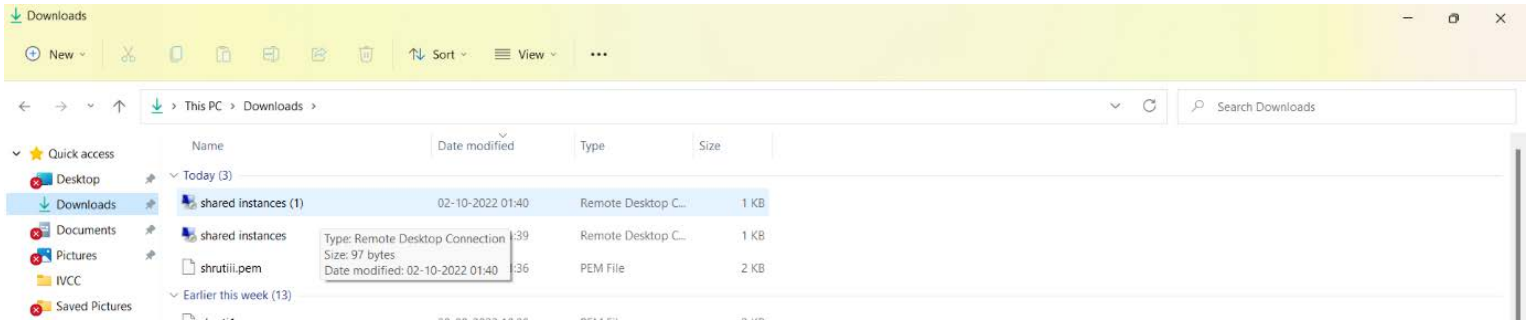


Step11: Choose Decrypt password. You will get the password then copy it.

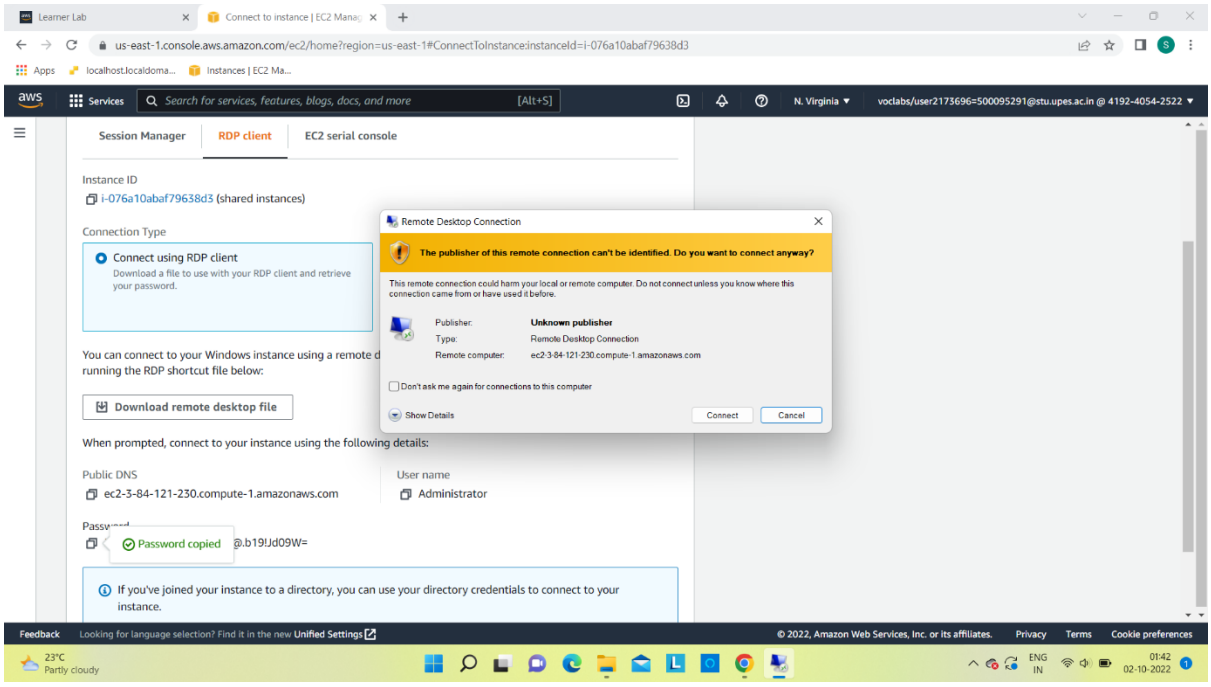

Learner Lab
Get windows password | EC2 Ma
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#GetWindowsPassword:instanceId=i-076a10abaf79638d3;previousPlace=ConnectToInstance
Apps
localhost.localdoma...
Instances | EC2 Ma...
Services
Search for services, features, blogs, docs, and more
[Alt+S]
N. Virginia
voclabs/user2173696=500095291@stu.upes.ac.in @ 4192-4054-2522
Get Windows password Info
Retrieve and decrypt the initial Windows administrator password for this instance.
To decrypt the password, you will need your key pair for this instance.
Key pair associated with this instance
shrutiii
Browse to your key pair:
Browse
shrutiii.pem
1.678KB
Or copy and paste the contents of the key pair below:
-----BEGIN RSA PRIVATE KEY-----
MIIEpAIBAAKCAQEAqbRZZSRvm8hUWE+fmiccN54cXFWwdxzjk86lPZLFImIRbAfs
/t72mwi8Fb3l95cb3/jkf9jg3GXu2AdtBTfBuXgcleCmxSCRy/j53AUUHYcfT2Sq
EqZeYPFqRxZo1GP/W0NlzkQoboIOMbYY8mhLhoMz7WgBG9VGCxq9R4LyNqBJ53/Q
DRIRqj3kjGhIInmO0DBcNrjsHnUyUJfVrmsRjXRoony/G5MtNv7LzyNVJymZppO
6+/t+unekqUL9UUYtzaozTMXqqooTQeJ02IJCvtASHLQe2vhel0OOyqqkFrgEd7l
xbrgAkixXNhaVvb52CvMOxrRttwSVerChK/KiwIDAQABAoIBAQCLPVqLzhV08C2k
N9BwHt7cE3KZoAUl9iITyF1z49SznVtGFEqz5CTal5QbErB5MRbB8ekprLzymQAb
Cancel
Decrypt password
Feedback
Looking for language selection? Find it in the new Unified Settings
© 2022, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
23°C
Partly cloudy
ENG
IN
01:41
02-10-2022

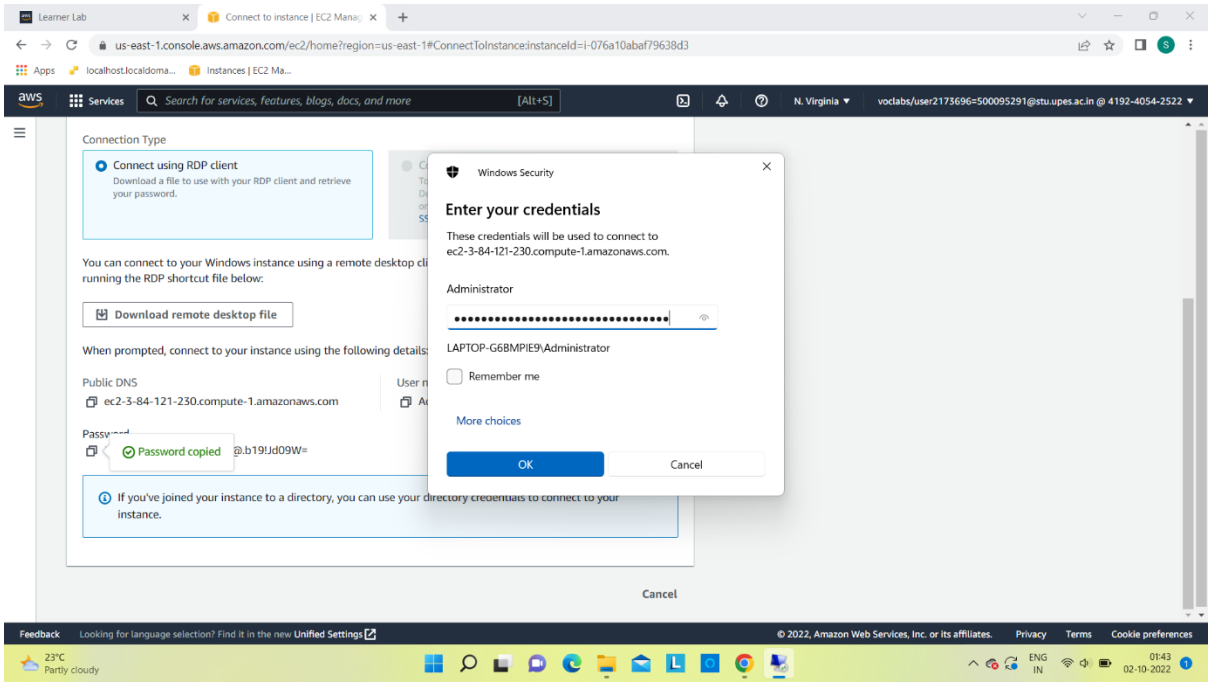

Learner Lab
Connect to instance | EC2 Mana
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ConnectToInstance:instanceId=i-076a10abaf79638d3
Apps
localhost.localdoma...
Instances | EC2 Ma...
Services
Search for services, features, blogs, docs, and more
[Alt+S]
N. Virginia
voclabs/user2173696=500095291@stu.upes.ac.in @ 4192-4054-2522
Instance ID
i-076a10abaf79638d3 (shared instances)
Connection Type
Connect using RDP client
Download a file to use with your RDP client and retrieve your password.
Connect using Fleet Manager
To connect to the instance using Fleet Manager Remote Desktop, the SSM Agent must be installed and running on the instance. For more information, see Working with SSM Agent
You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:
Download remote desktop file
When prompted, connect to your instance using the following details:
Public DNS
ec2-3-84-121-230.compute-1.amazonaws.com
User name
Administrator
Password copied
@.b19!Jd09W=
If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.
Feedback
Looking for language selection? Find it in the new Unified Settings
© 2022, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
23°C
Partly cloudy
ENG
IN
01:41
02-10-2022

Step12: Open the Remote Desktop connection that you downloaded.

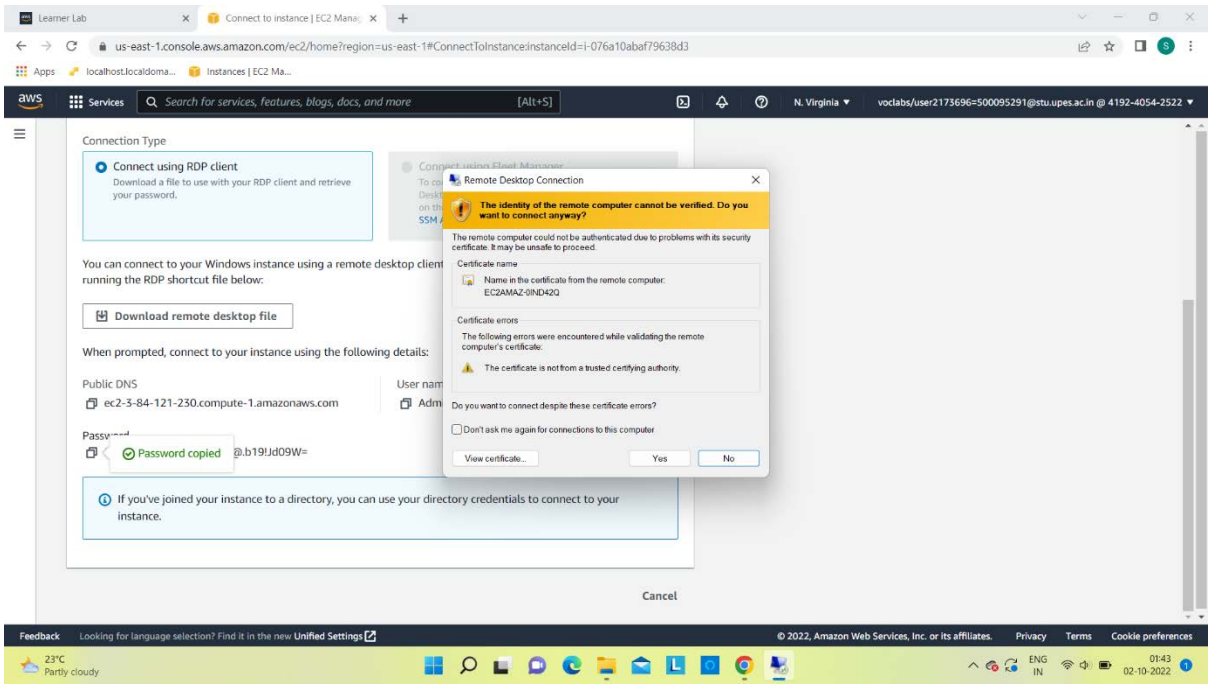


Step13: Click on “Connect” button and paste the password and then click “ok” button.

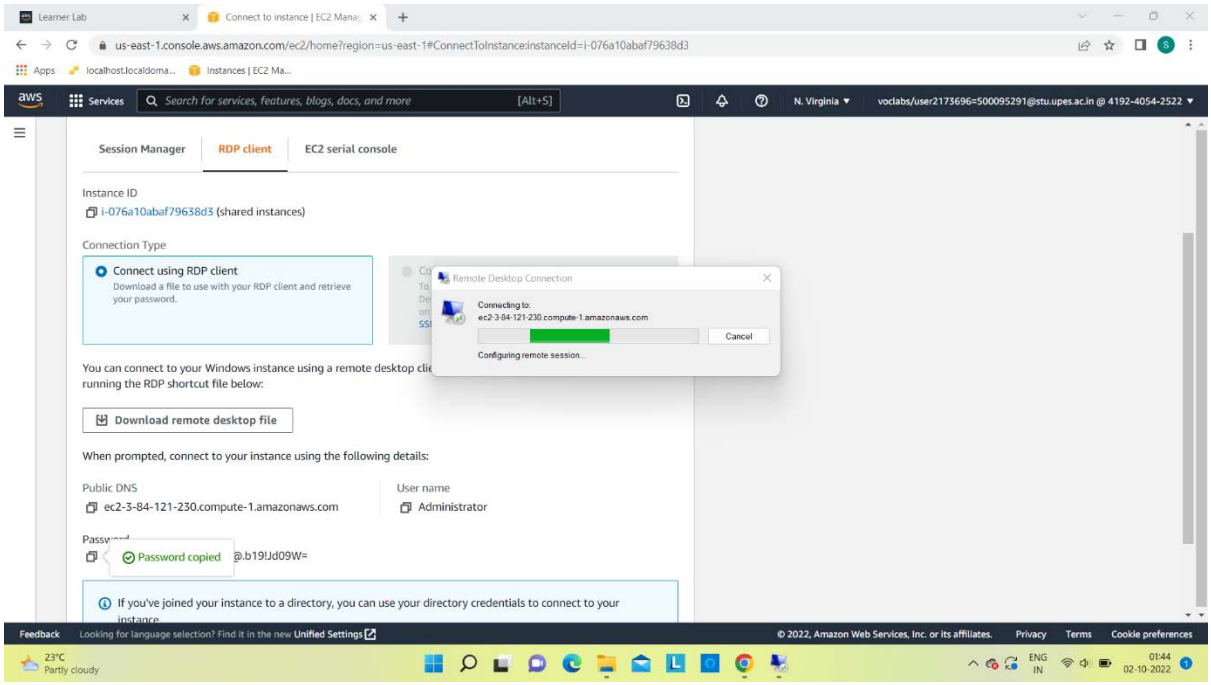


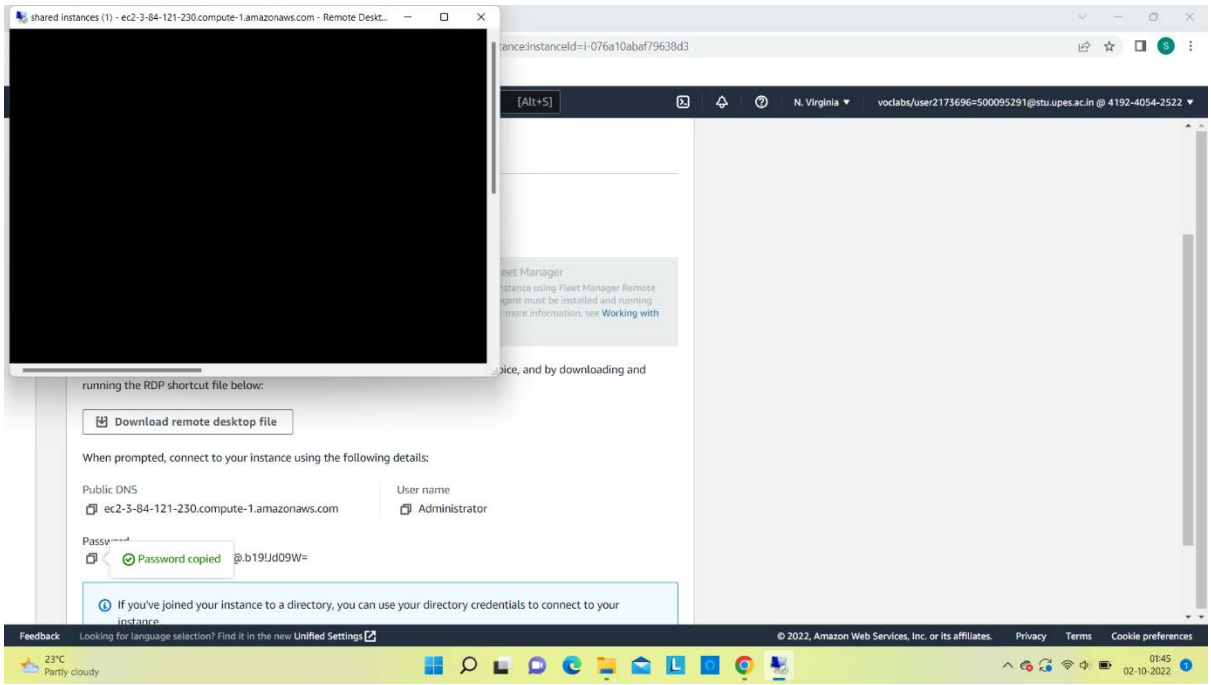


Step 14: Due to the nature of self-signed certificates, you may get a warning that the security certificate could not be authenticated



Step 15: Click on Yes Option and you will be redirected to your windows server.





Windows instance-