VIT®

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

Principles of Cloud Computing
CSE3035

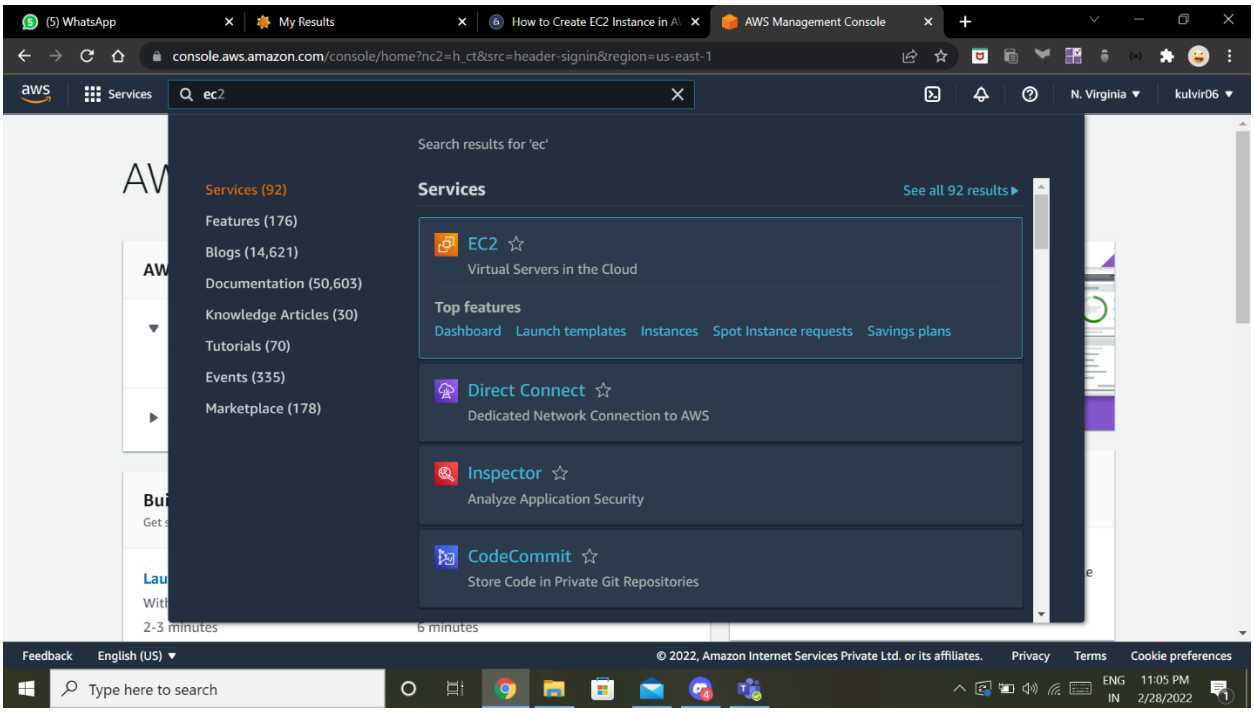
Lab Assignment 5-
Launching an Instance in AWS EC2

Slot : L11+L12

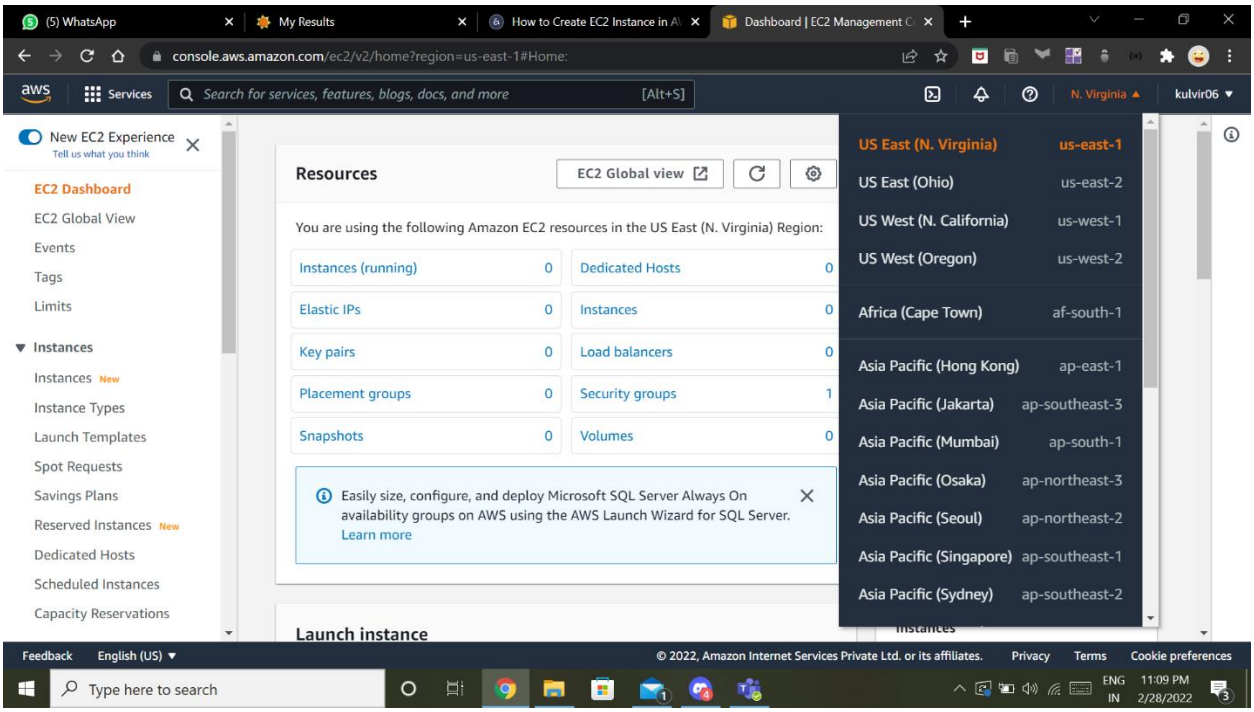
Name : Kulvir Singh

Register Number : 19BCE2074

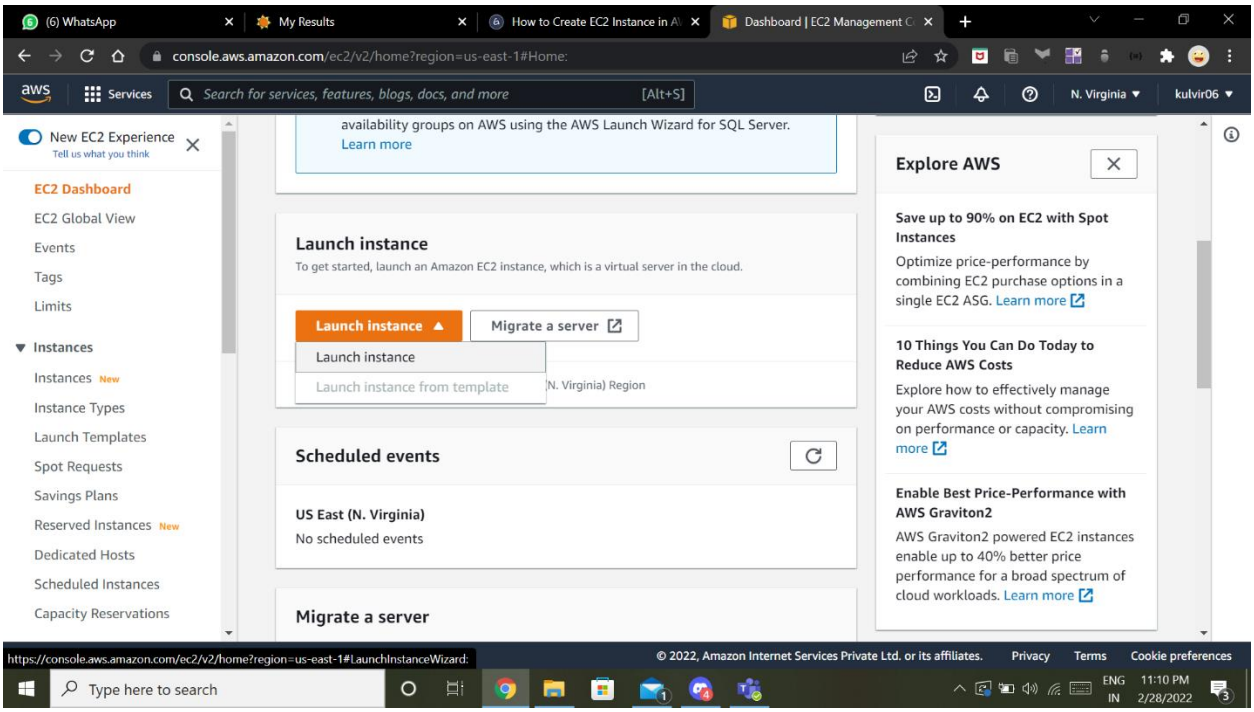
Login to aws console and search for ec2 under services



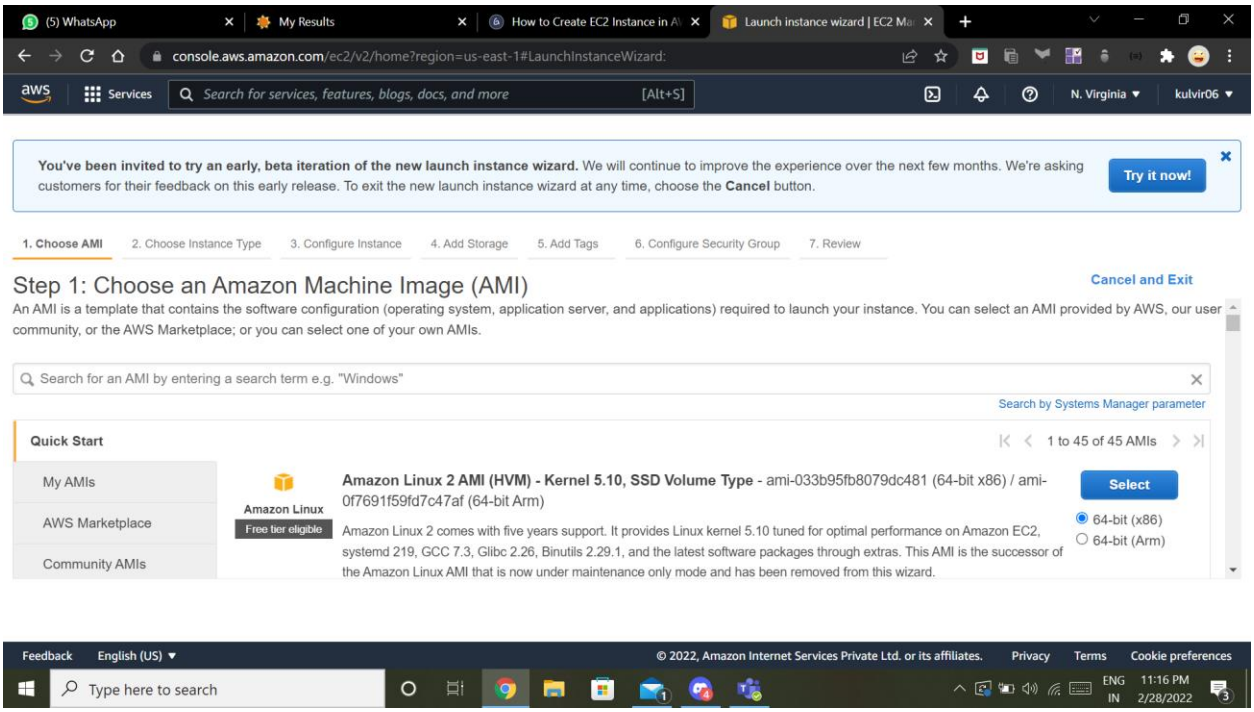
Go to the ec2 dashboard and select an AWS Region



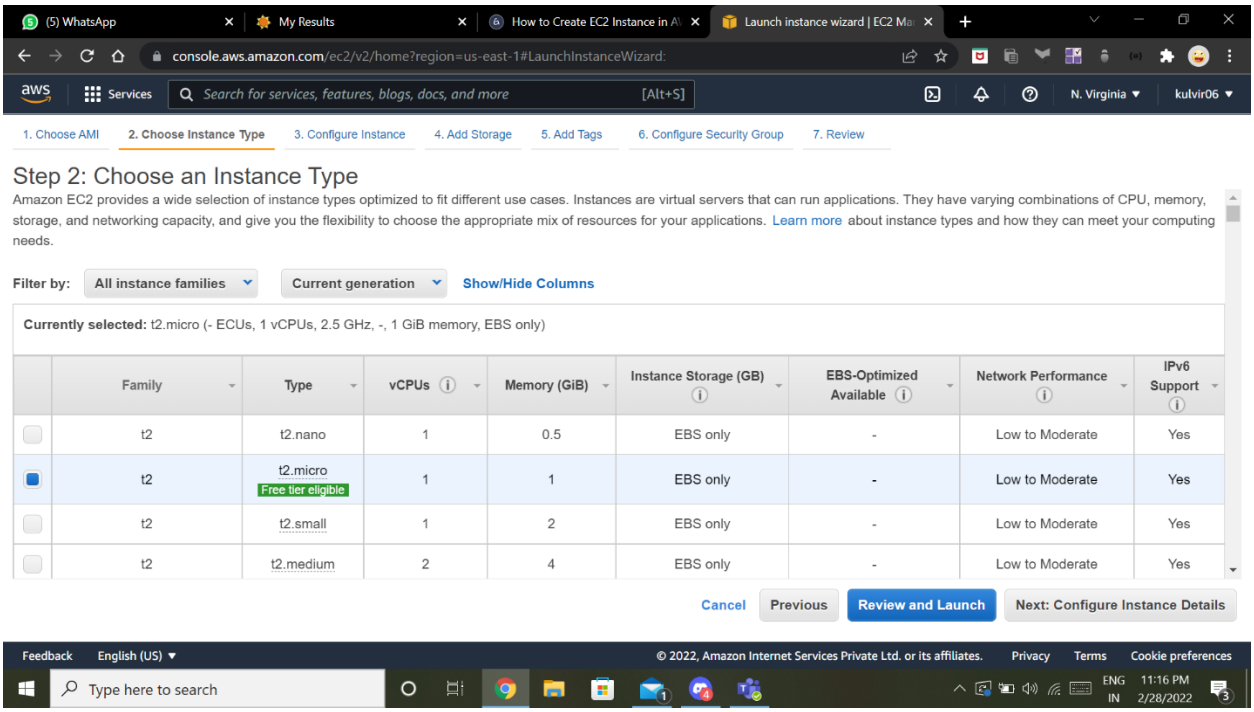
Launch an instance under the ec2 dashboard



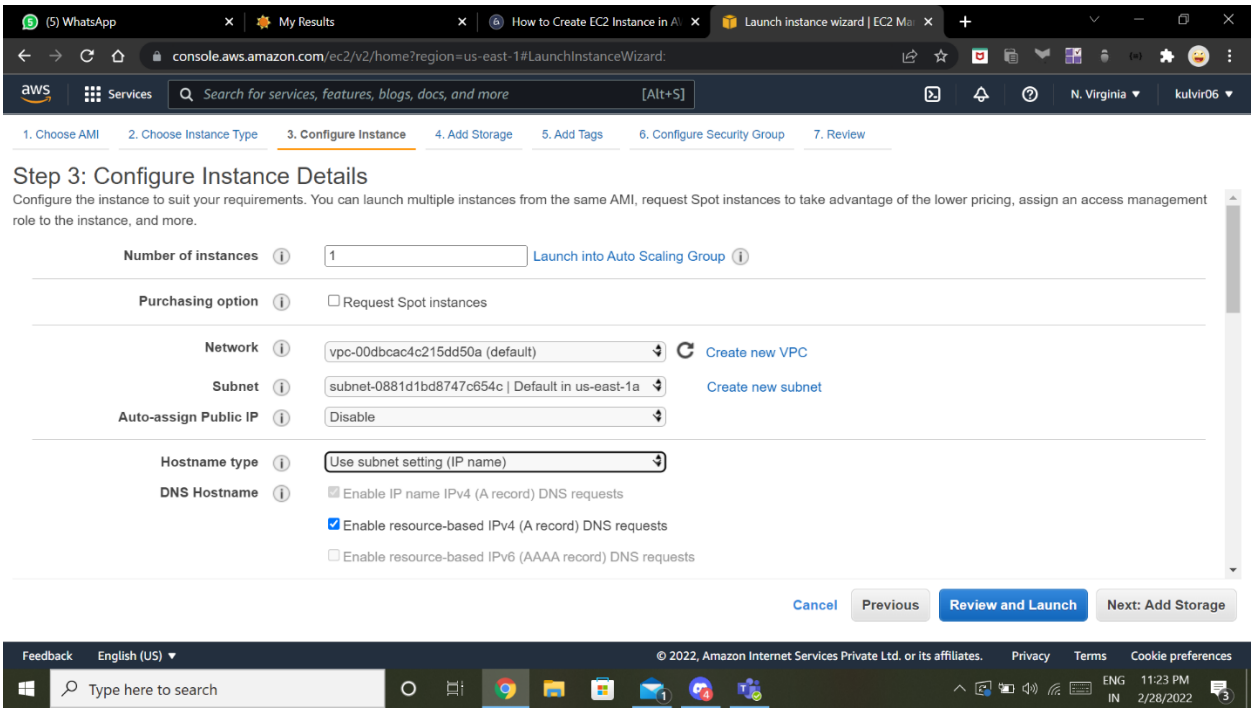
Choose AMI

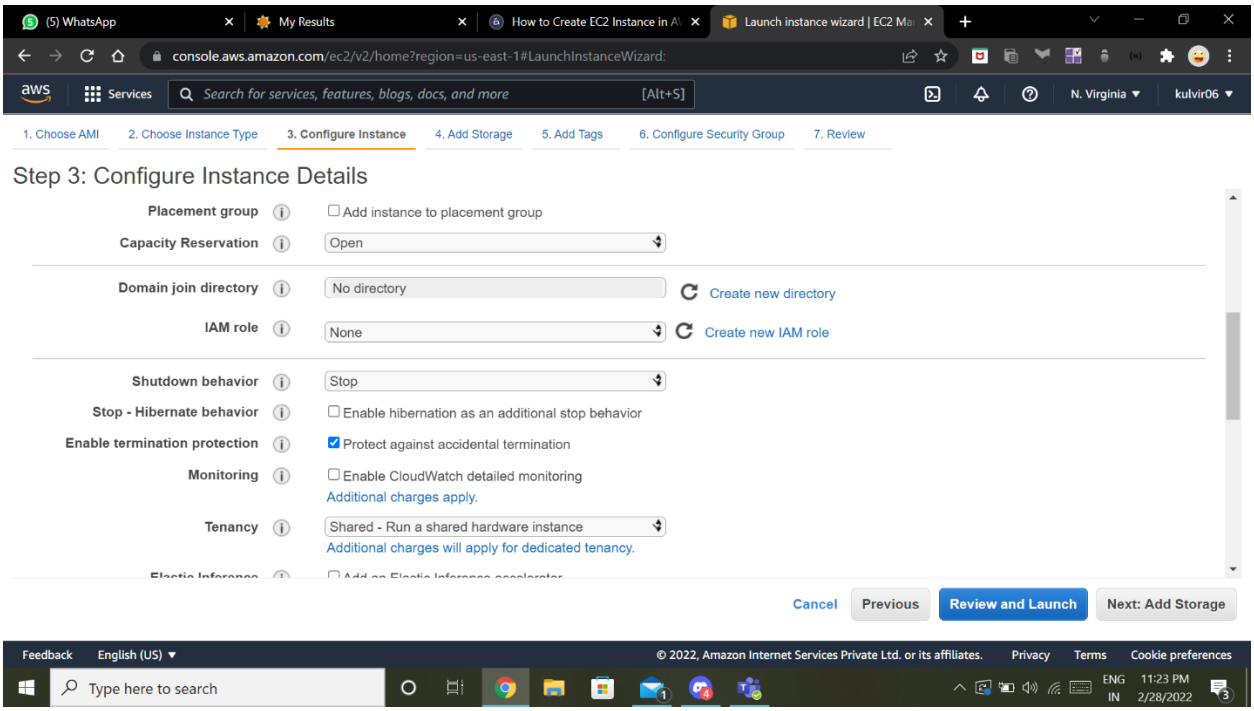


Choose EC2 Instance Type

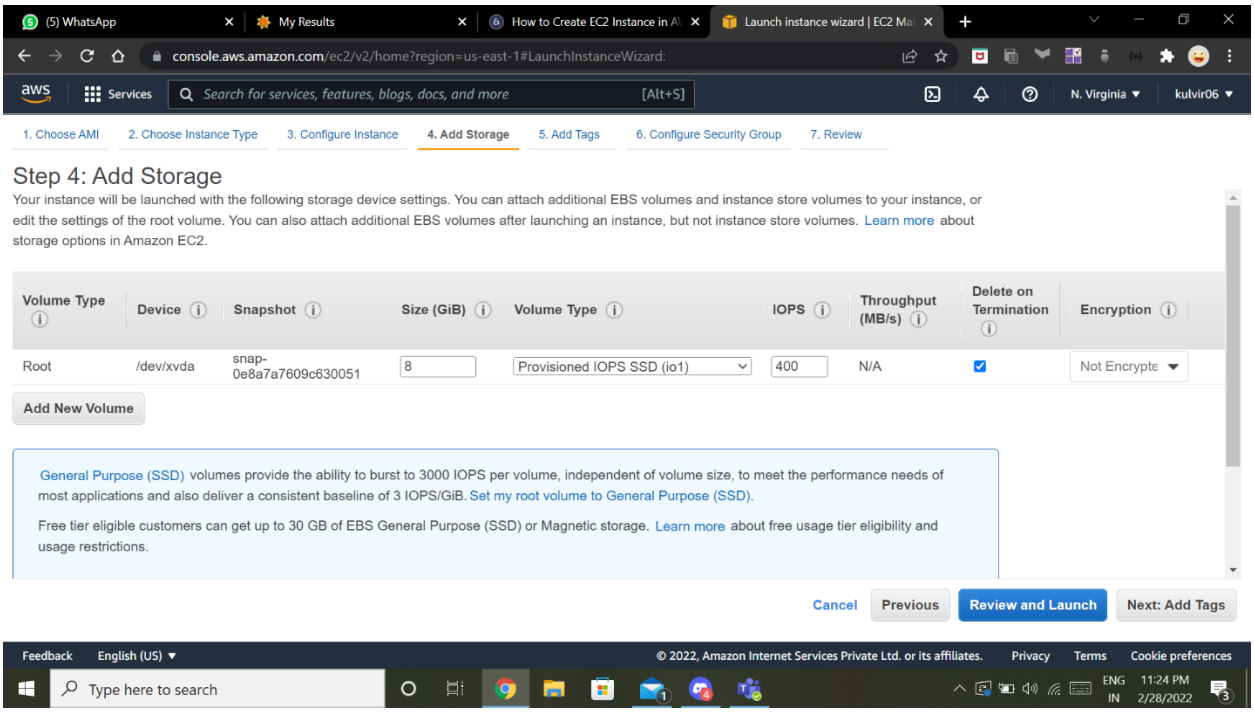


Configure Instance with the following options

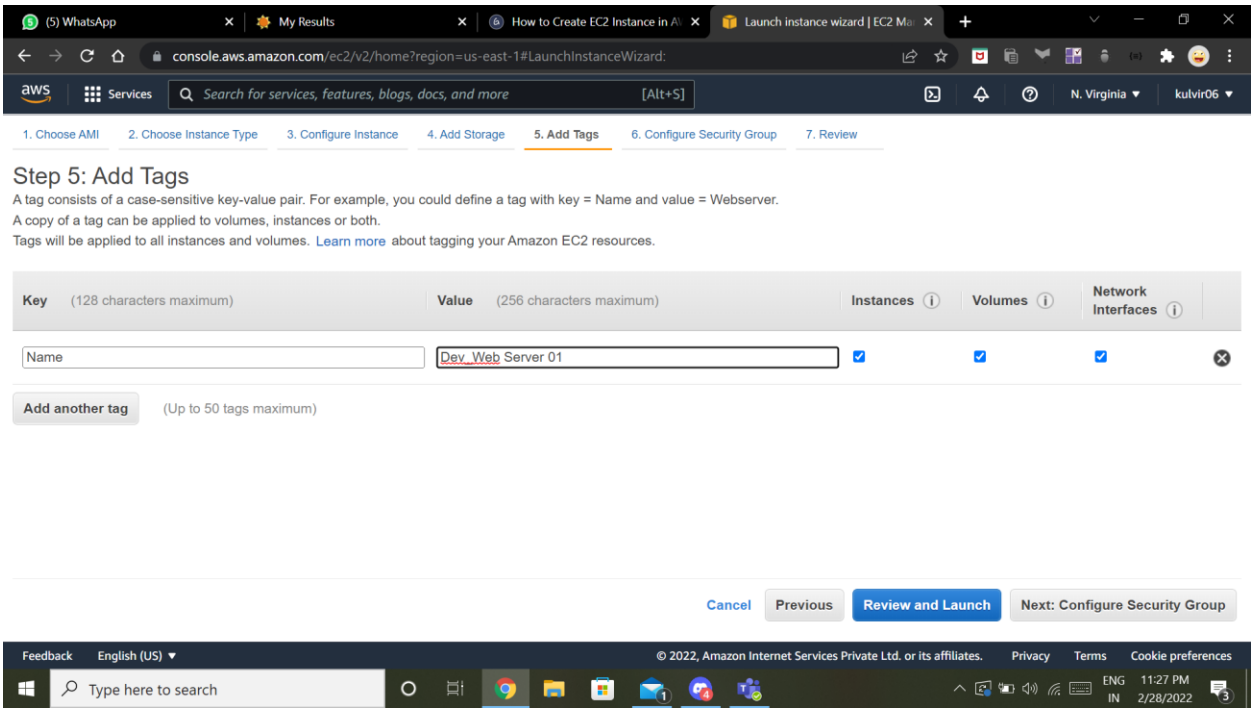



(5) WhatsApp
My Results
How to Create EC2 Instance in A
Launch instance wizard | EC2 Ma
console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstanceWizard:
aws
Services
Search for services, features, blogs, docs, and more
[Alt+S]
N. Virginia
kulvir06
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 3: Configure Instance Details
Placement group
Add instance to placement group
Capacity Reservation
Open
Domain join directory
No directory
Create new directory
IAM role
None
Create new IAM role
Shutdown behavior
Stop
Stop - Hibernate behavior
Enable hibernation as an additional stop behavior
Enable termination protection
Protect against accidental termination
Monitoring
Enable CloudWatch detailed monitoring
Additional charges apply.
Tenancy
Shared - Run a shared hardware instance
Additional charges will apply for dedicated tenancy.
Cancel
Previous
Review and Launch
Next: Add Storage
Feedback
English (US)
© 2022, Amazon Internet Services Private Ltd. or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
ENG
IN
11:23 PM
2/28/2022

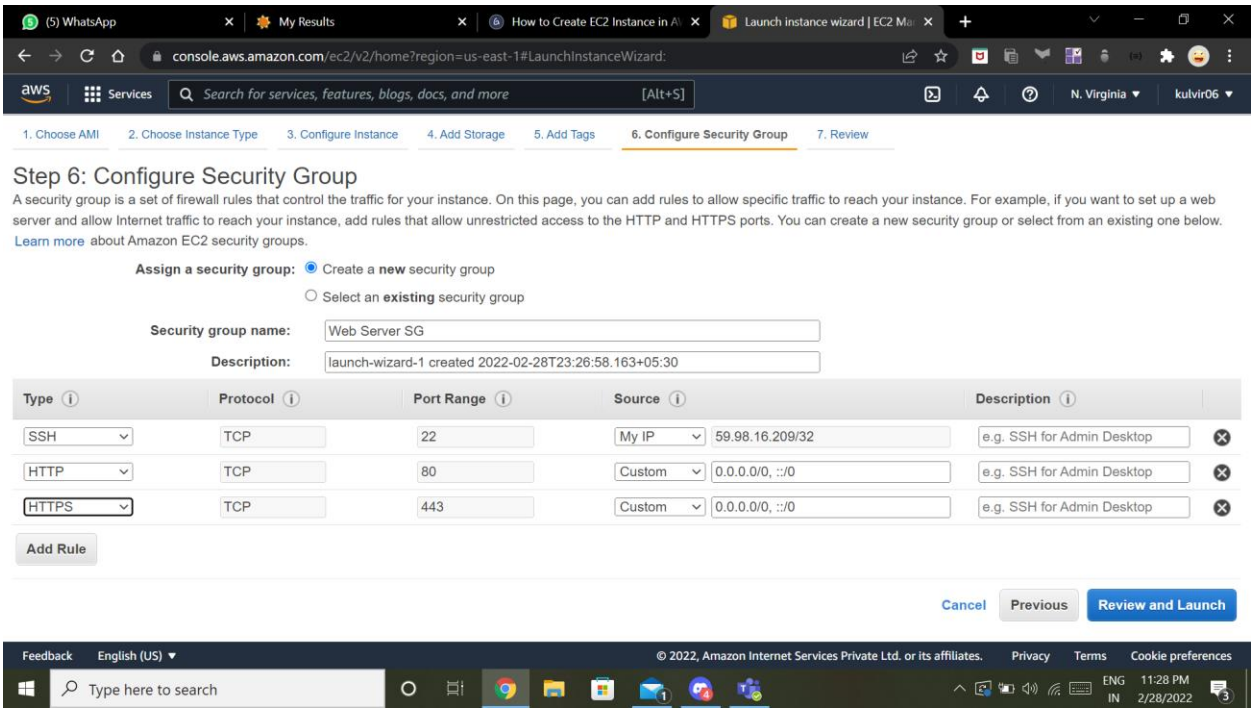
Add Storage


(5) WhatsApp
My Results
How to Create EC2 Instance in A
Launch instance wizard | EC2 Ma
console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstanceWizard:
aws
Services
Search for services, features, blogs, docs, and more
[Alt+S]
N. Virginia
kulvir06
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 4: Add Storage
Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. Learn more about storage options in Amazon EC2.
Volume Type
Device
Snapshot
Size (GiB)
Volume Type
IOPS
Throughput (MB/s)
Delete on Termination
Encryption
Root
/dev/xvda
snap-0e8a7a7609c630051
8
Provisioned IOPS SSD (io1)
400
N/A
Not Encrypte
Add New Volume
General Purpose (SSD) volumes provide the ability to burst to 3000 IOPS per volume, independent of volume size, to meet the performance needs of most applications and also deliver a consistent baseline of 3 IOPS/GiB. Set my root volume to General Purpose (SSD).
Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. Learn more about free usage tier eligibility and usage restrictions.
Cancel
Previous
Review and Launch
Next: Add Tags
Feedback
English (US)
© 2022, Amazon Internet Services Private Ltd. or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
ENG
IN
11:24 PM
2/28/2022

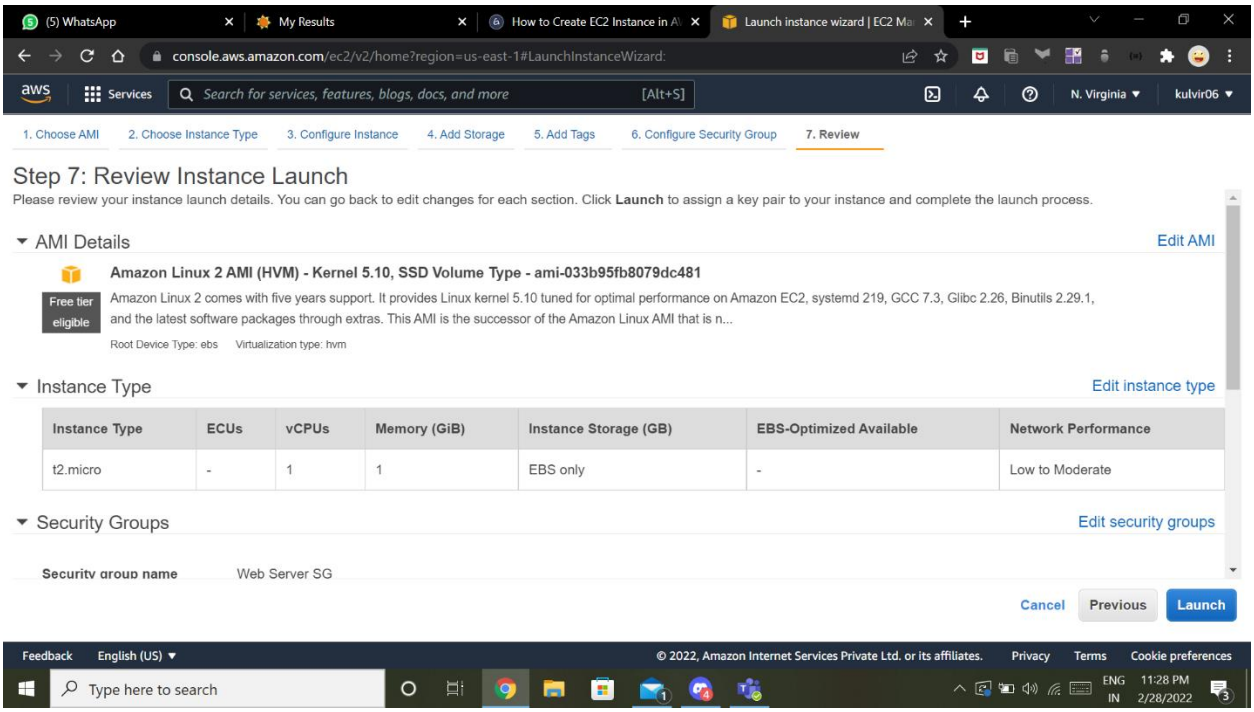
Add Tags to the Instance

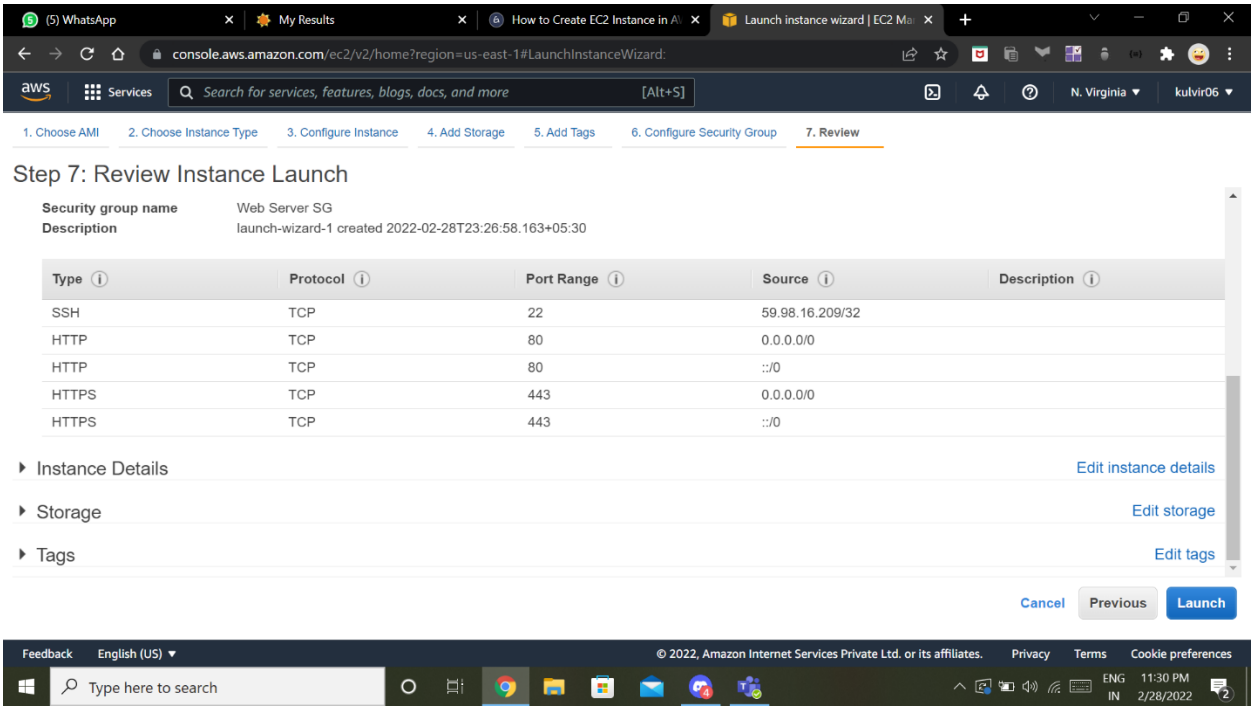


Configure Security Groups

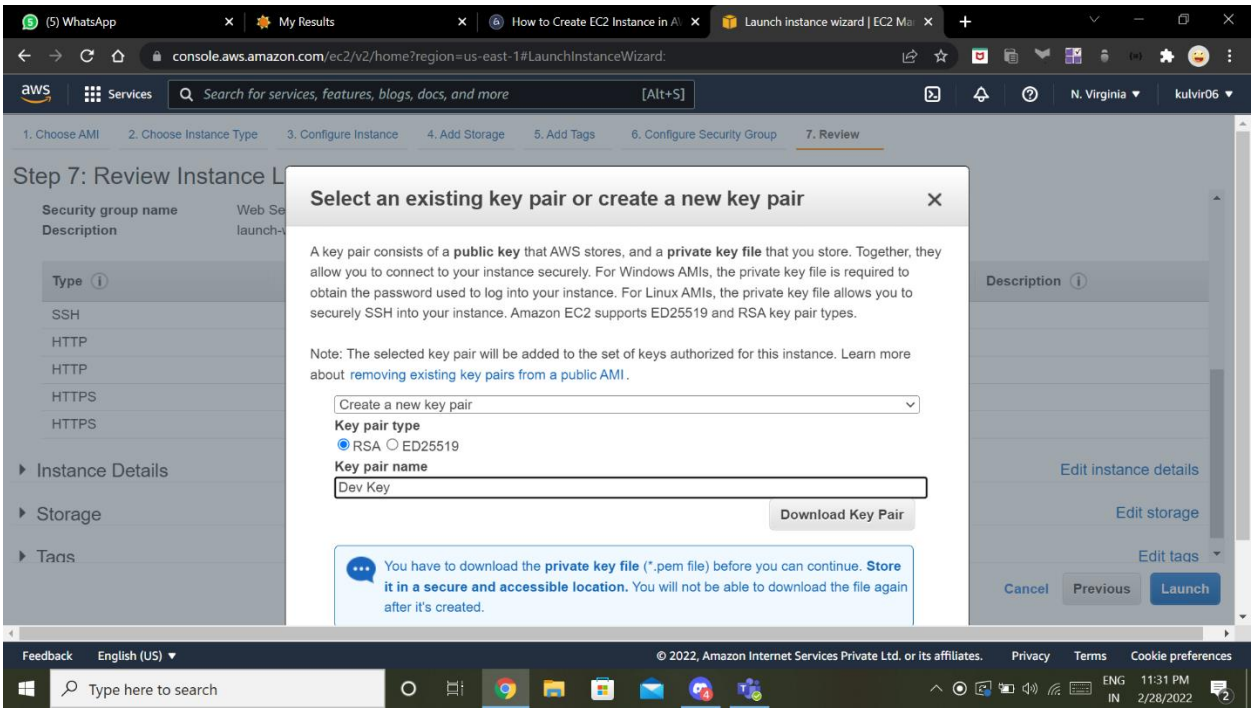


Review Instances

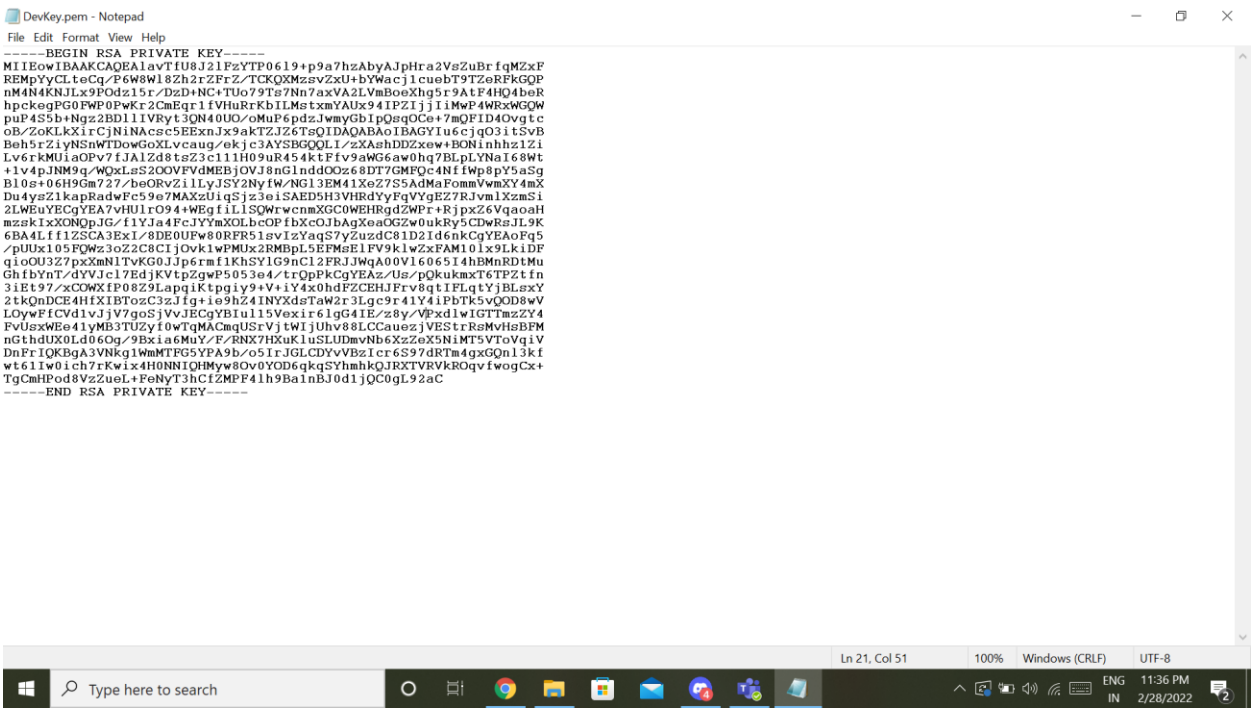




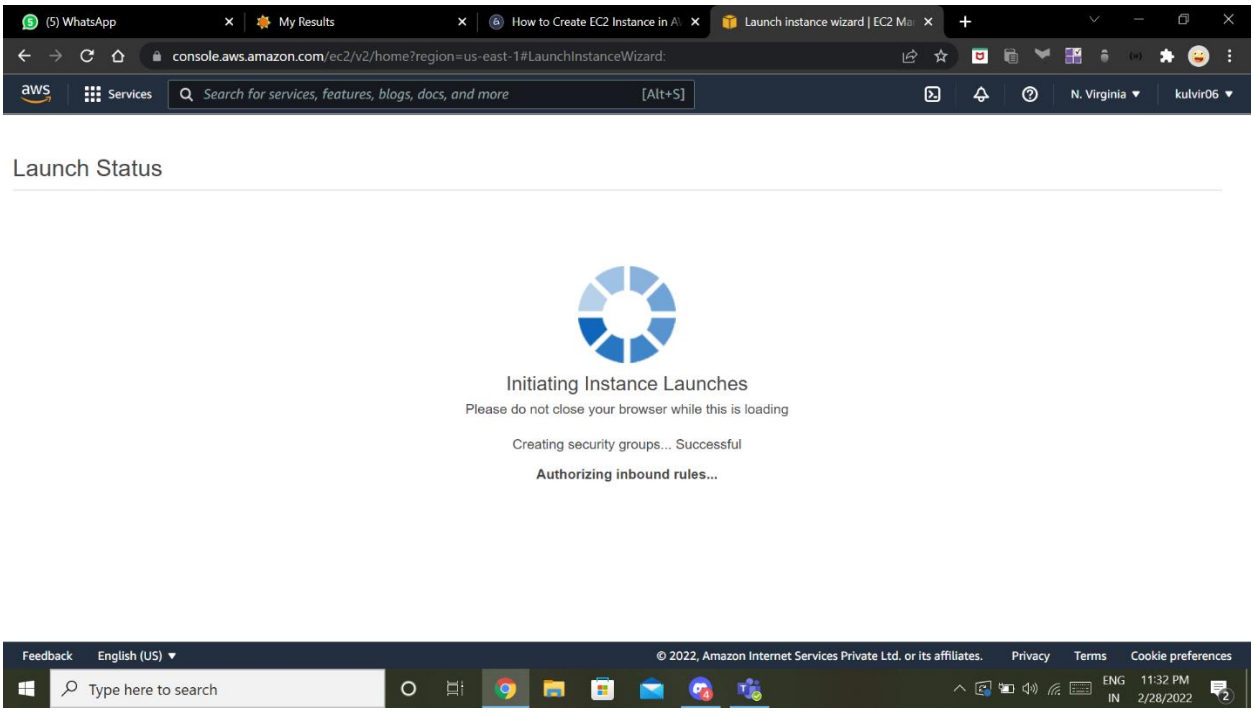
Create key pair to login to instance



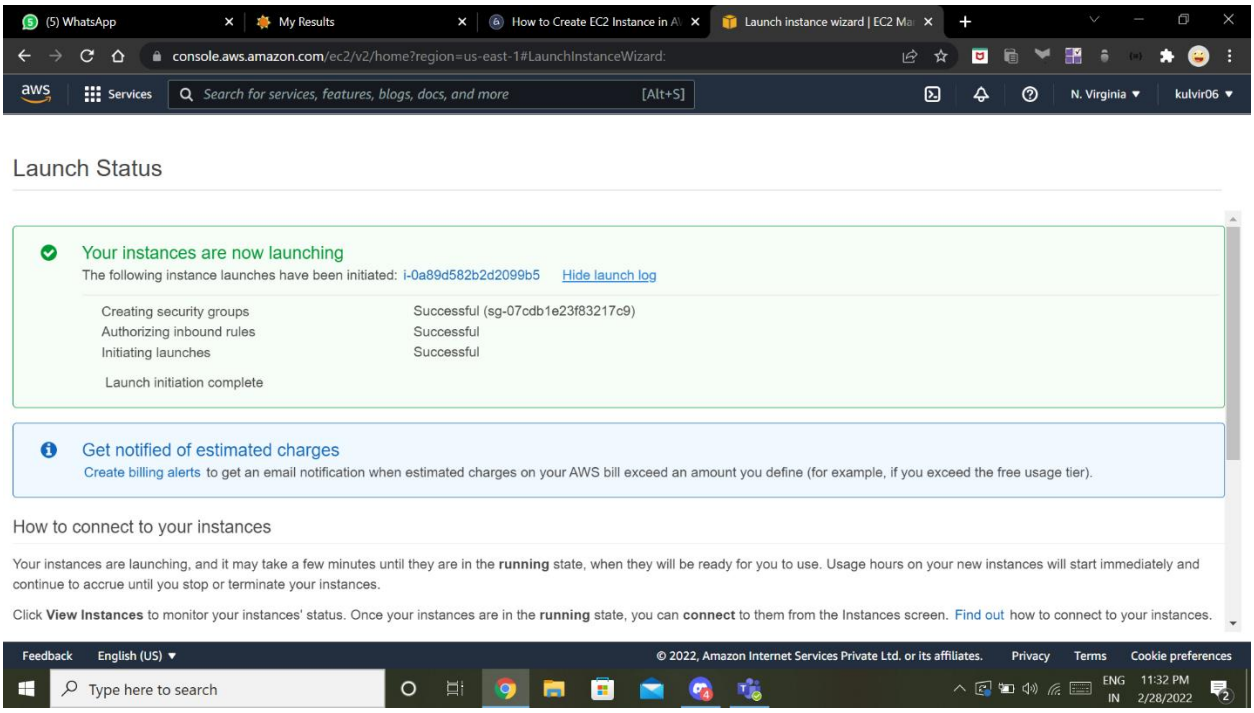
Download the key pair



Launch the instance



Launch Status



Once your instance is up and running, you can see its status as ‘Running’ now.