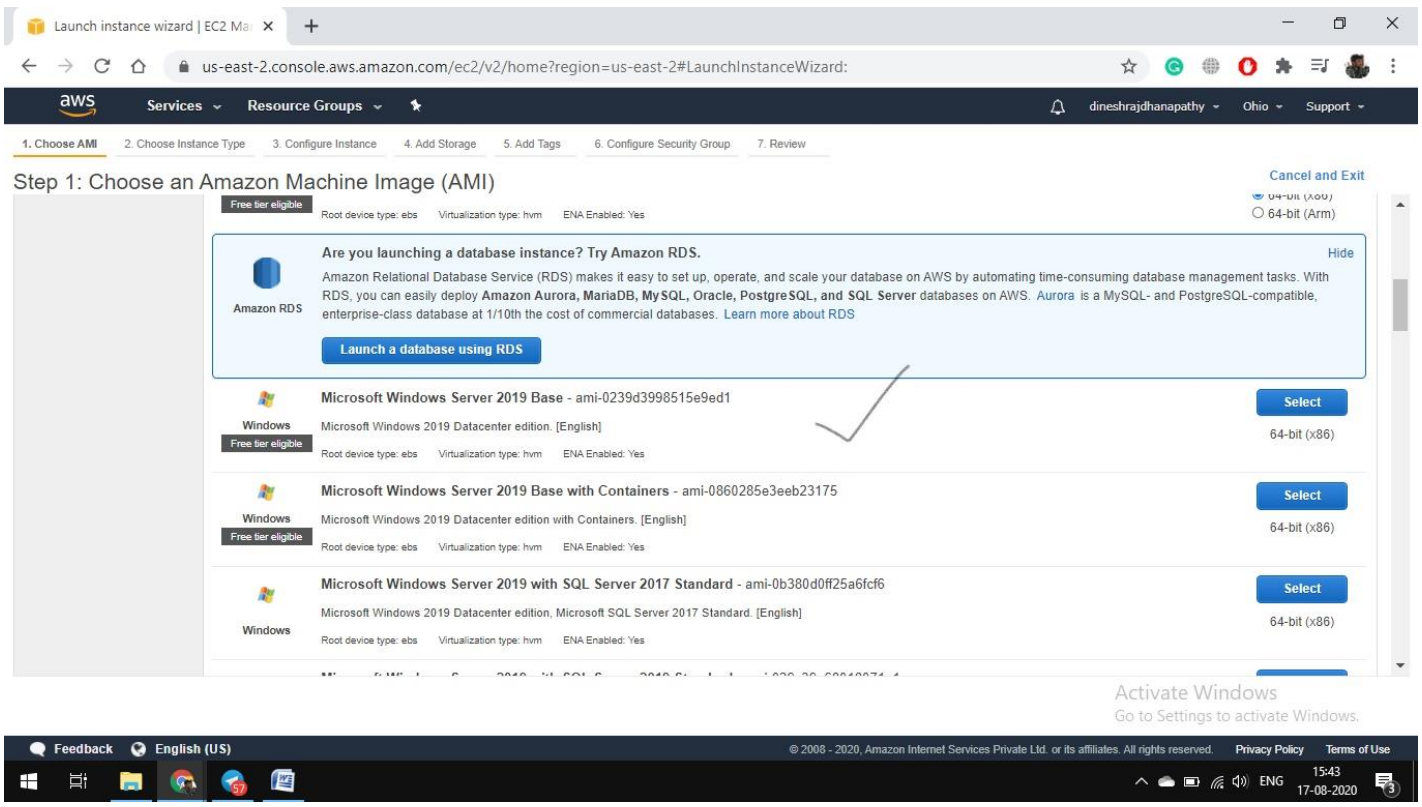
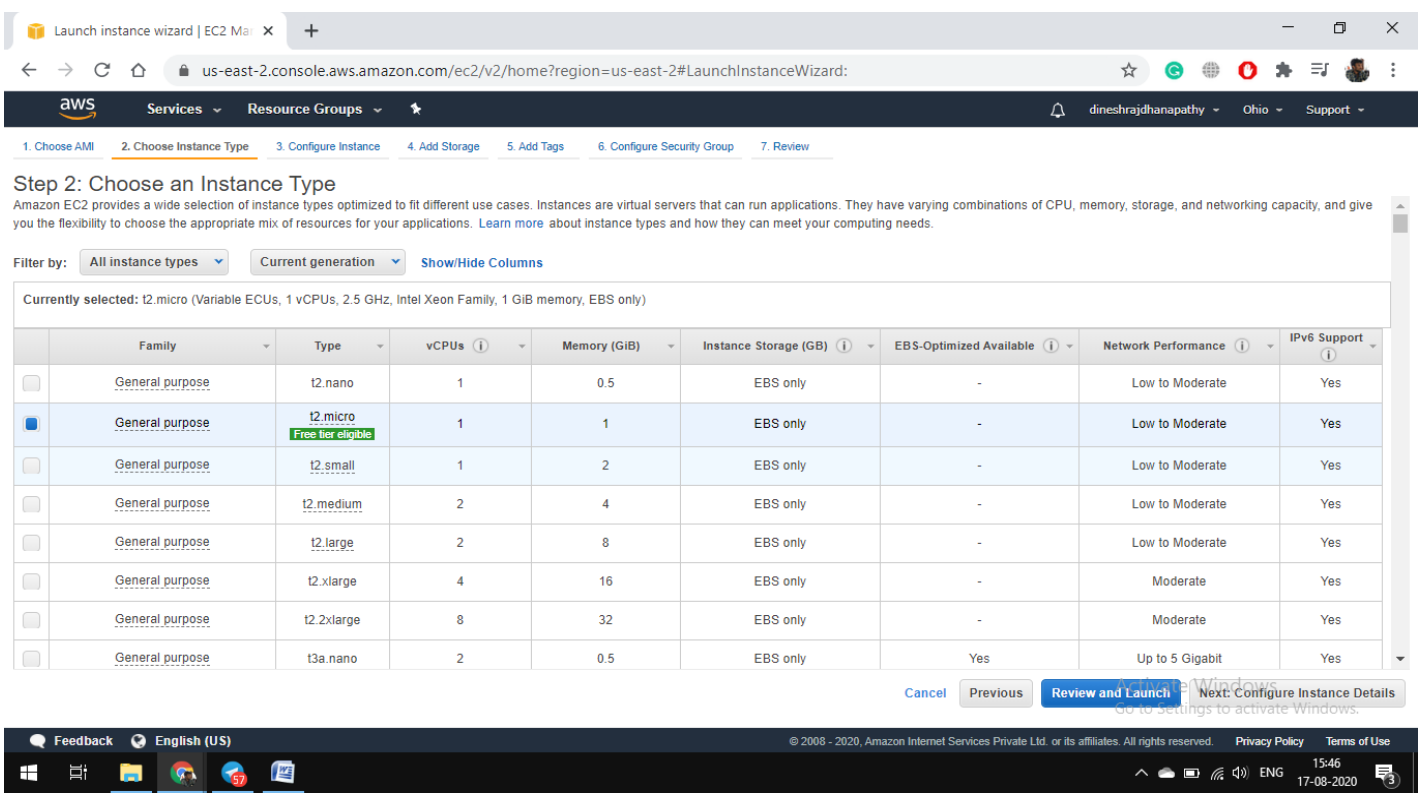
Launching Windows instance in EC2 and hosting a web server

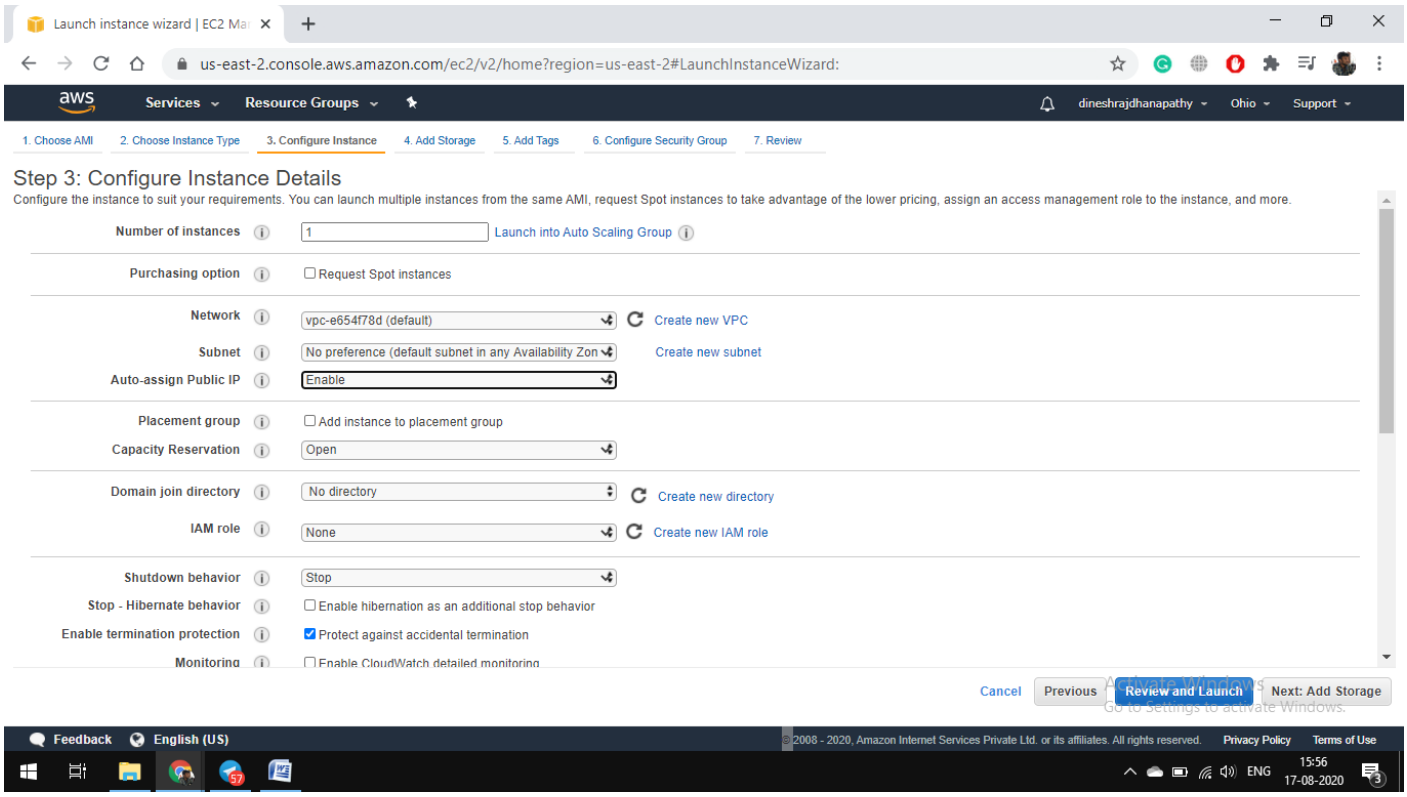
1.Choosing AMI (Microsoft Windows 2019 Base) :



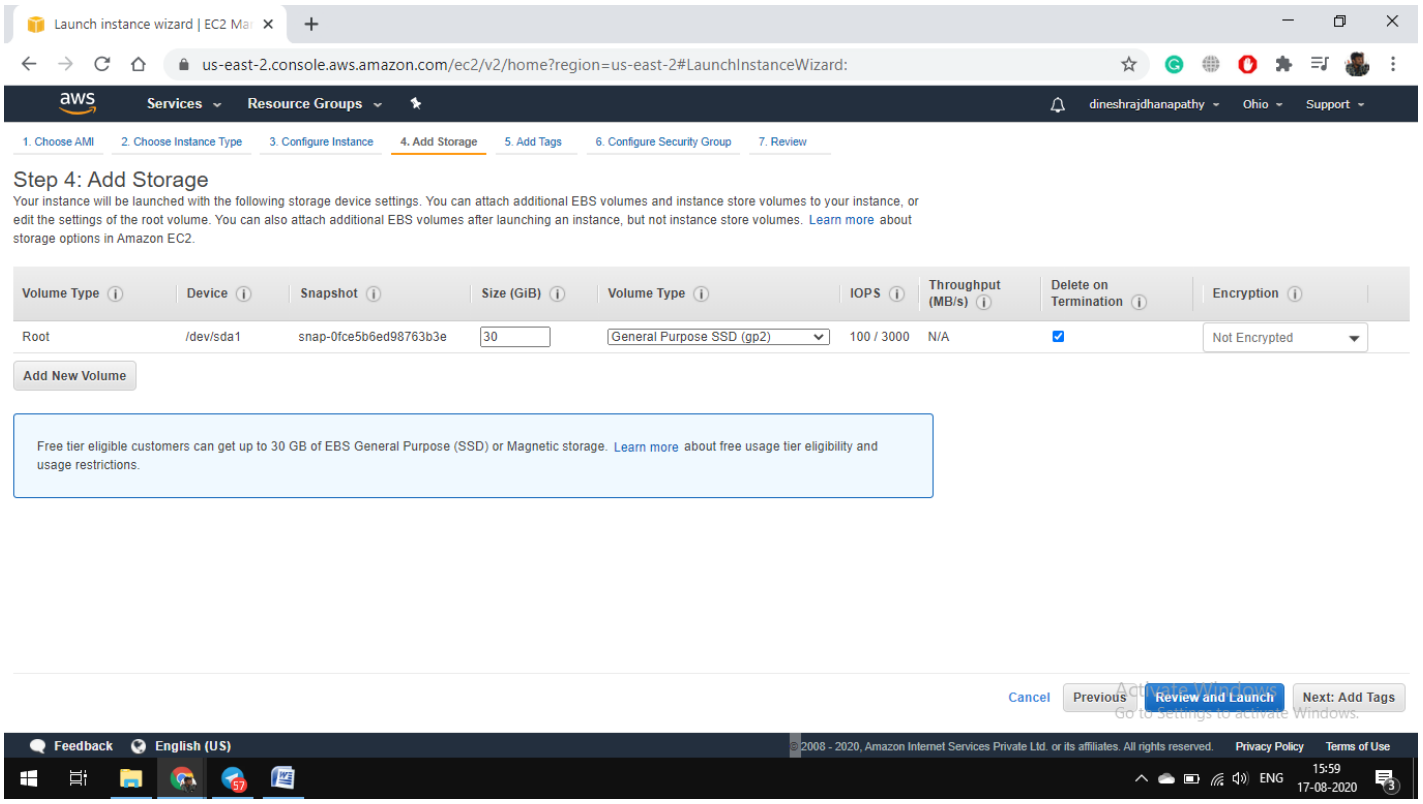
2.Choosing an instance(t2 micro) :



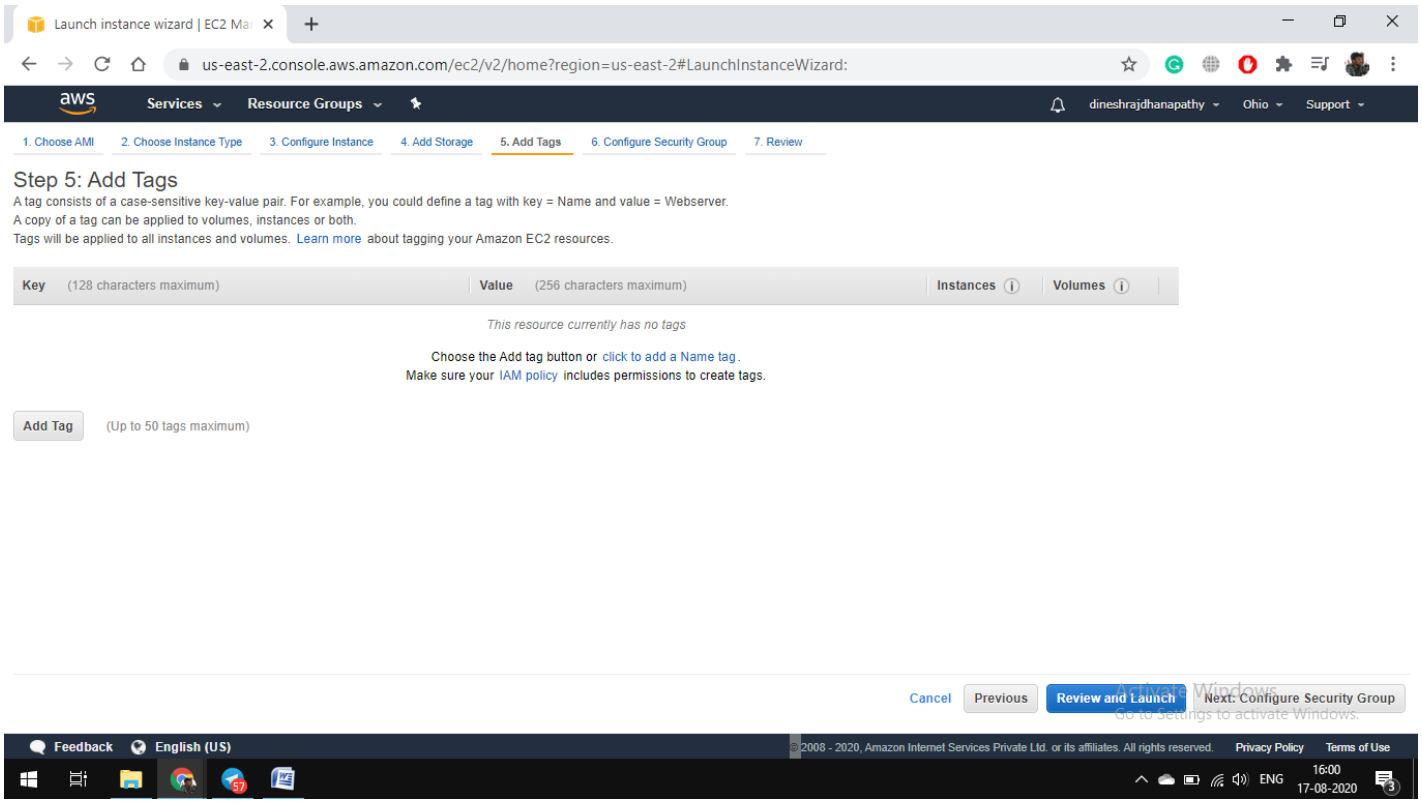
3.Configuring Instance Details :



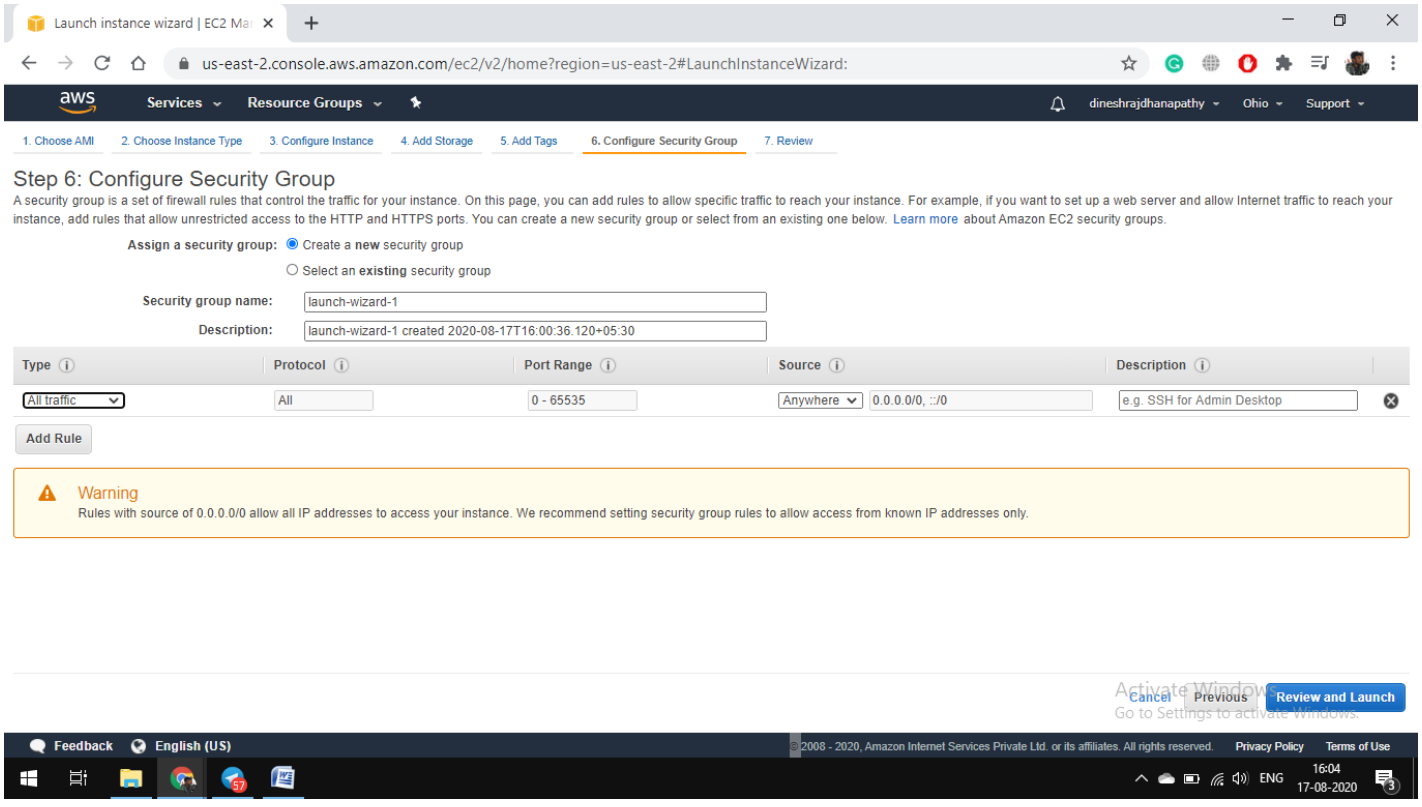
4. Adding Storage :



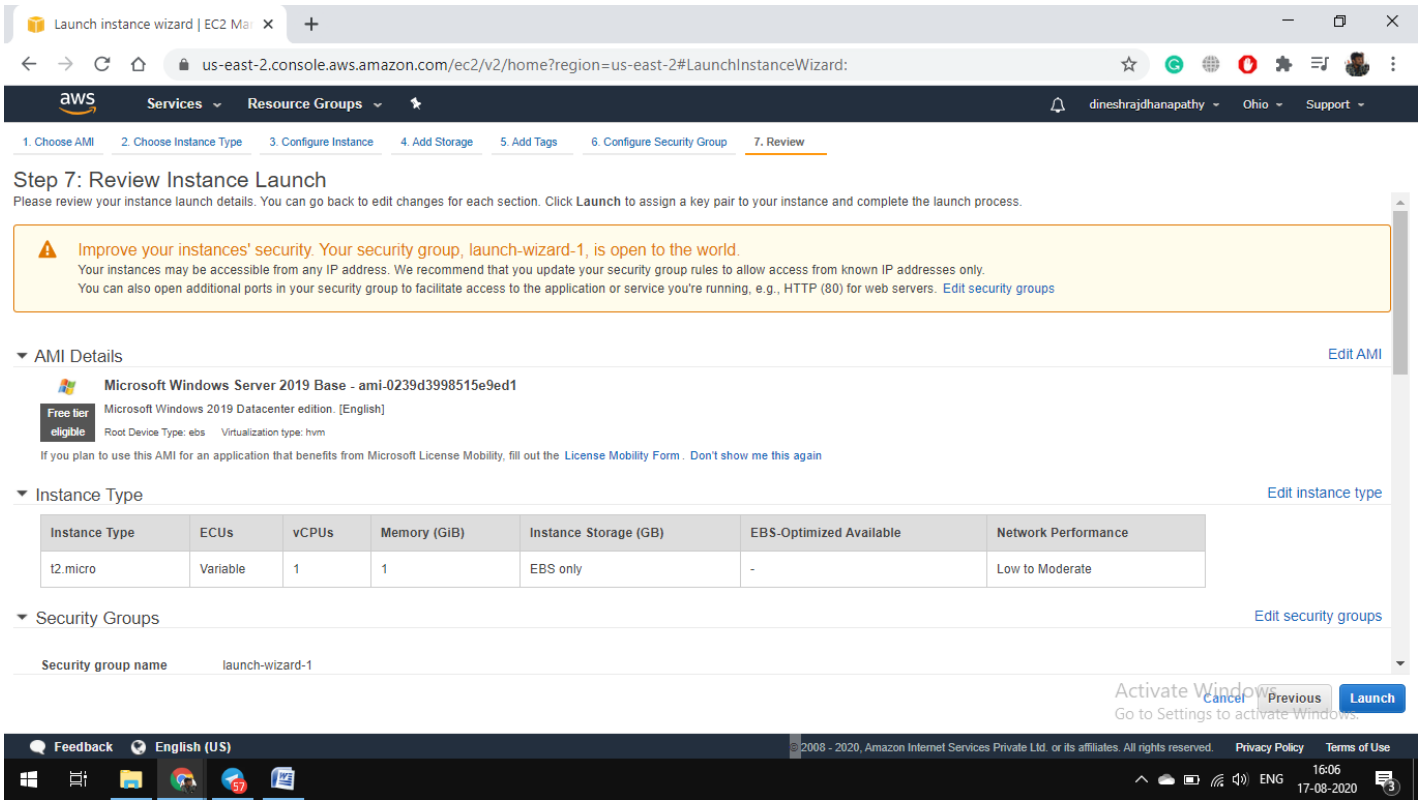
5. ADD TAGS :

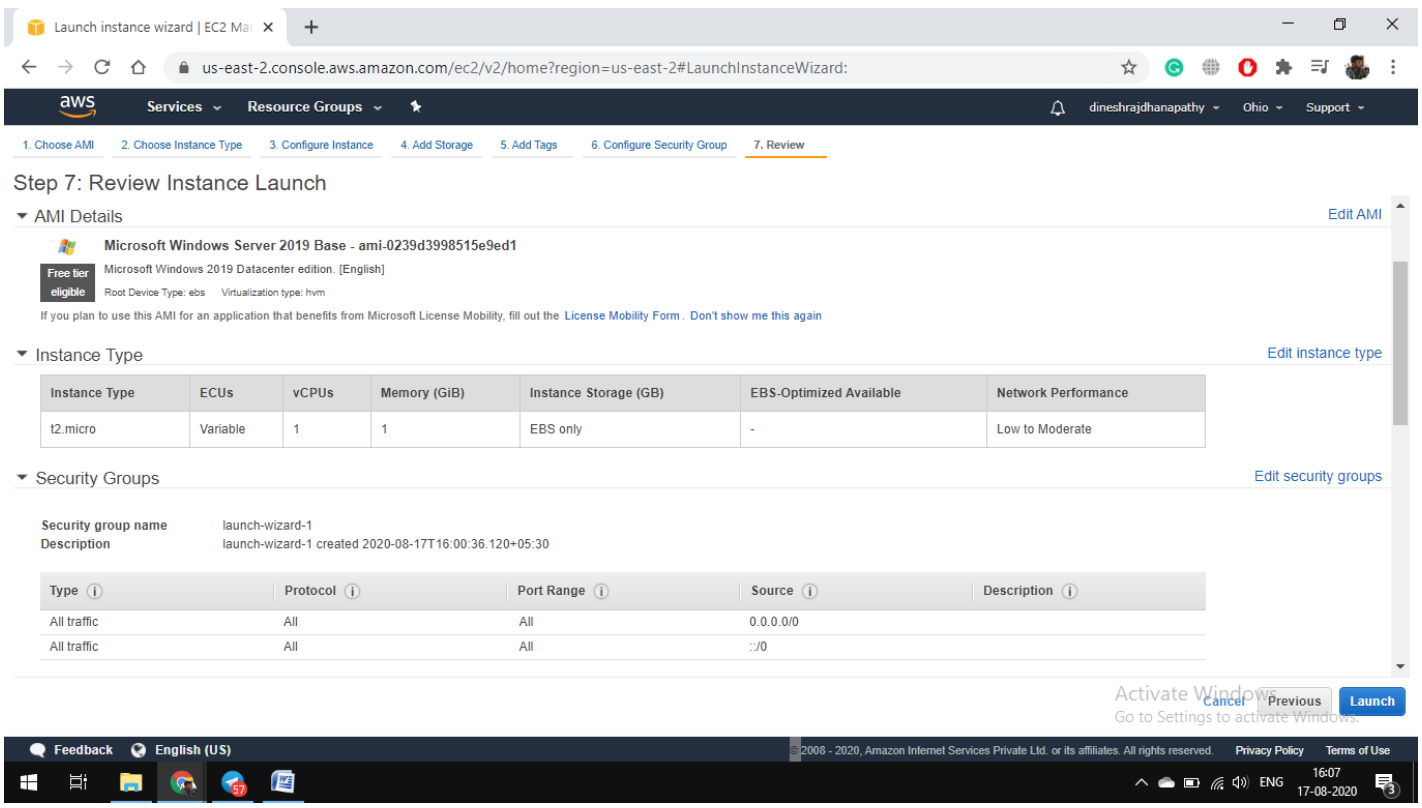


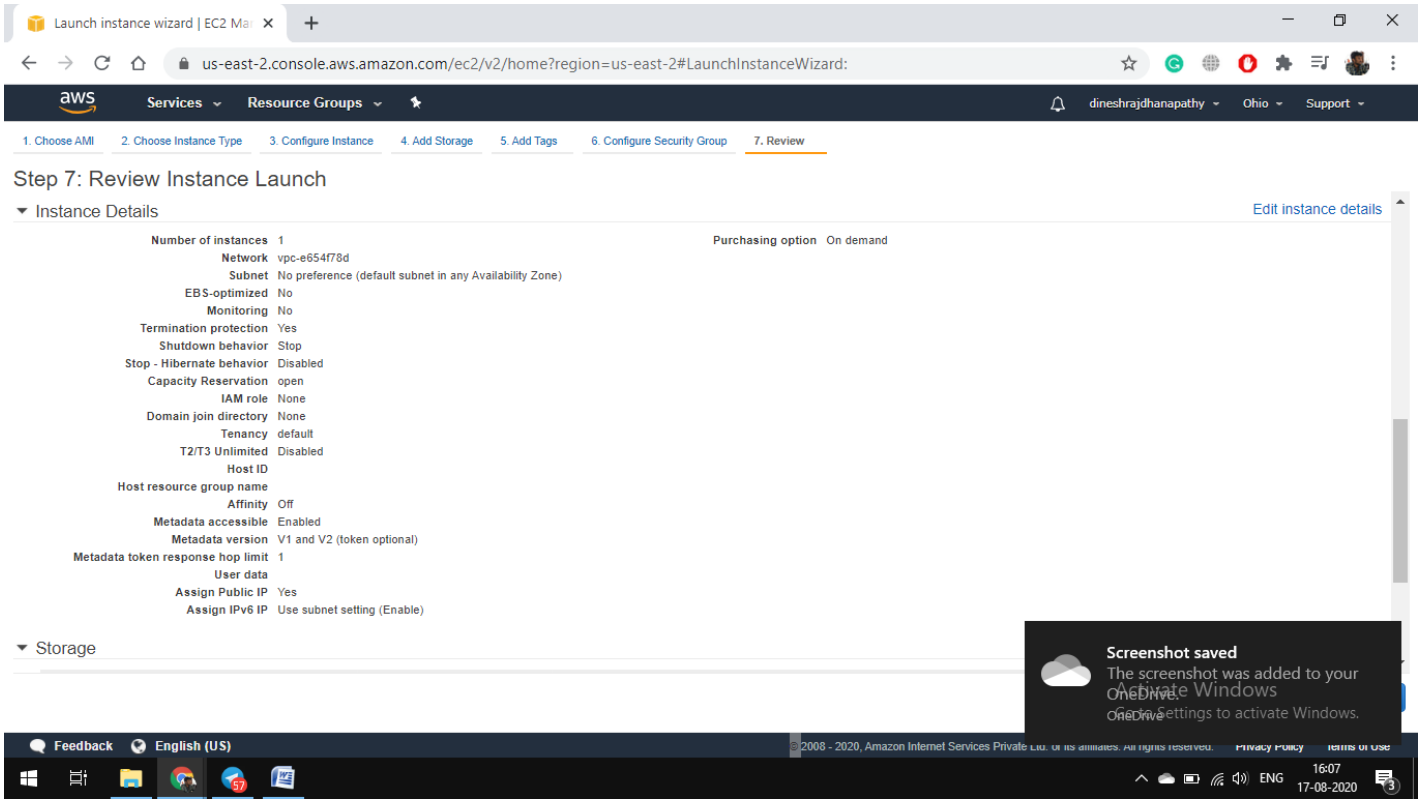
6. Configuring Security Group :



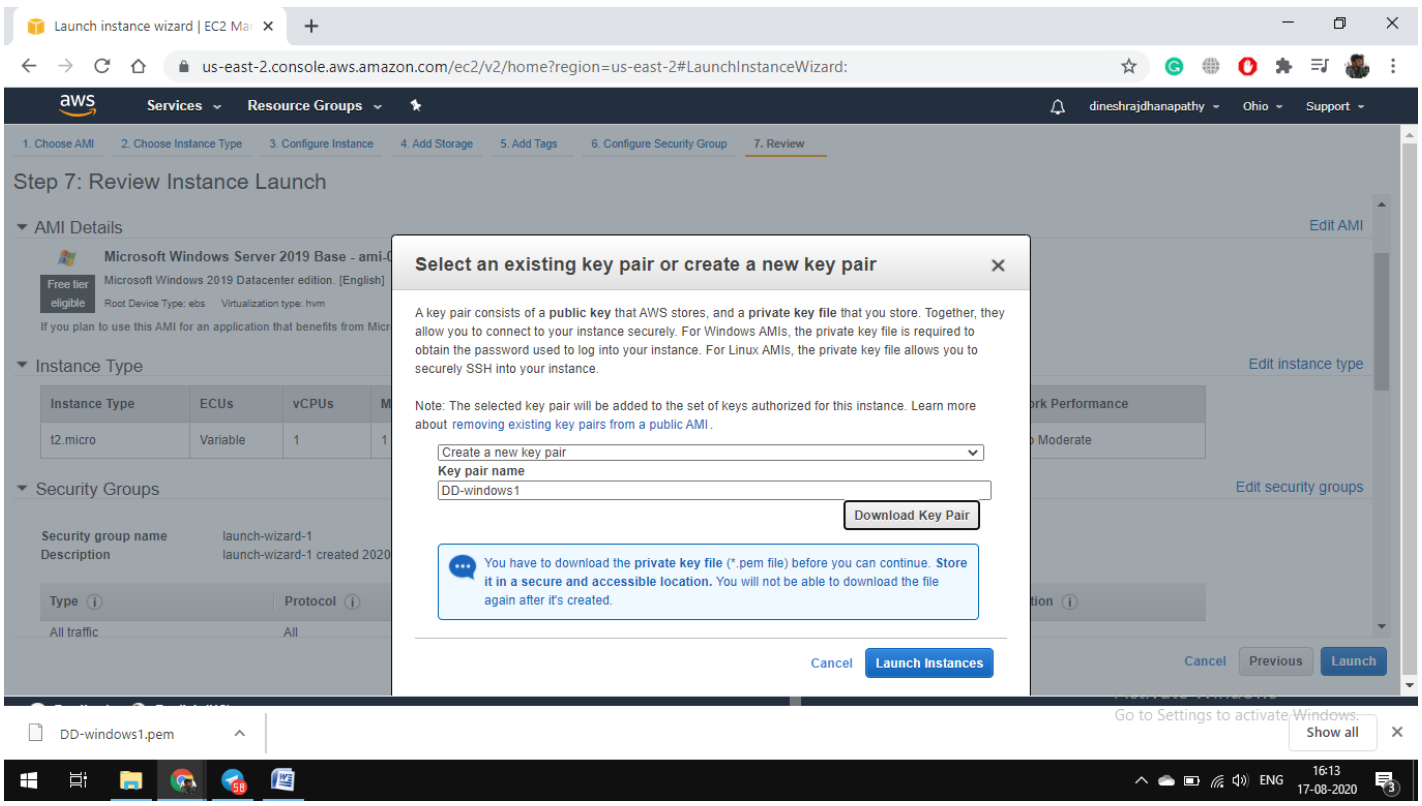
7. Review and Launch :



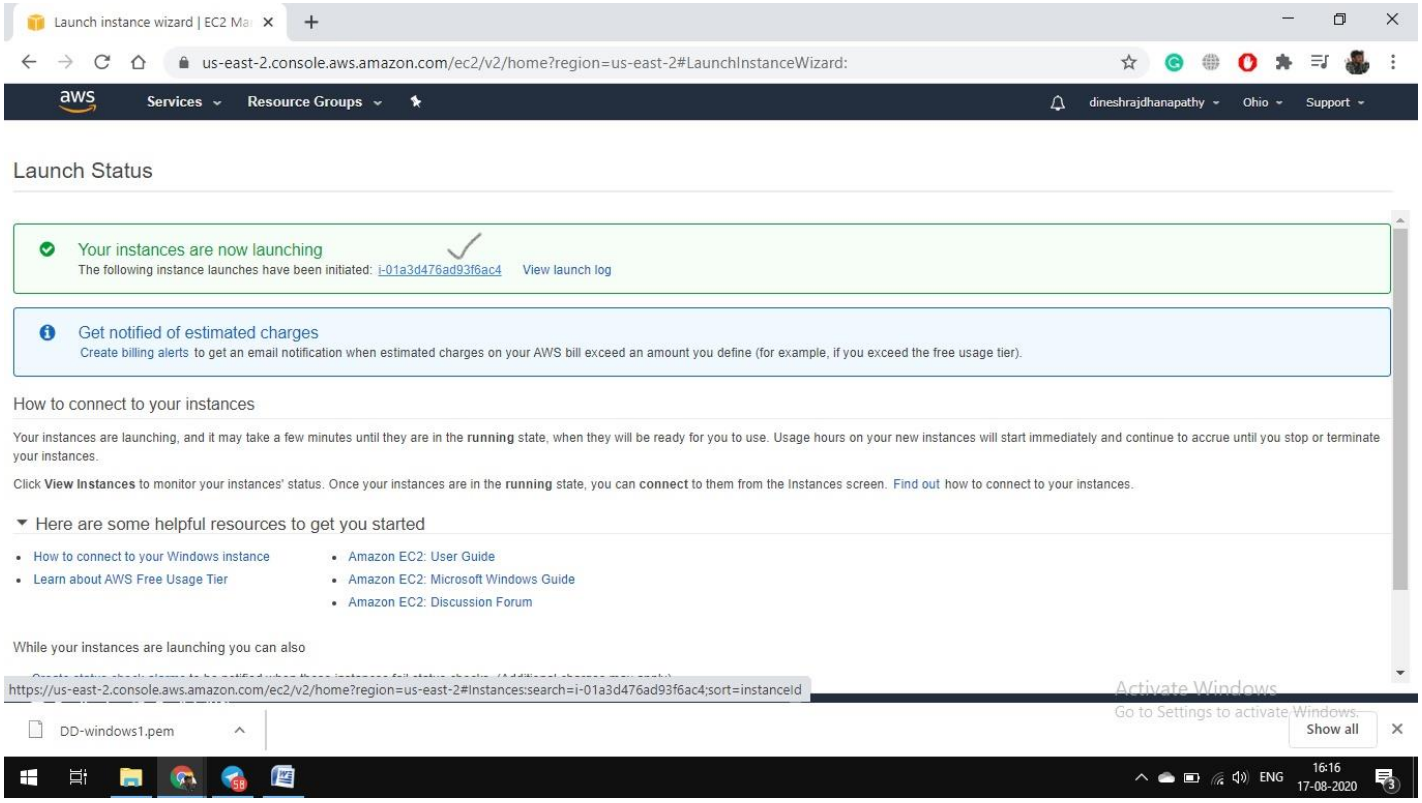



Launch instance wizard | EC2 Ma
us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard:
Services
Resource Groups
dineshrajdhanapathy
Ohio
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 7: Review Instance Launch
Instance Details
Edit instance details
Number of instances 1
Purchasing option On demand
Network vpc-e654f78d
Subnet No preference (default subnet in any Availability Zone)
EBS-optimized No
Monitoring No
Termination protection Yes
Shutdown behavior Stop
Stop - Hibernate behavior Disabled
Capacity Reservation open
IAM role None
Domain join directory None
Tenancy default
T2/T3 Unlimited Disabled
Host ID
Host resource group name
Affinity Off
Metadata accessible Enabled
Metadata version V1 and V2 (token optional)
Metadata token response hop limit 1
User data
Assign Public IP Yes
Assign IPv6 IP Use subnet setting (Enable)
Storage
Screenshot saved
The screenshot was added to your OneDrive.
Activate Windows
Go to Settings to activate Windows.
Feedback
English (US)
ENG
16:07
17-08-2020

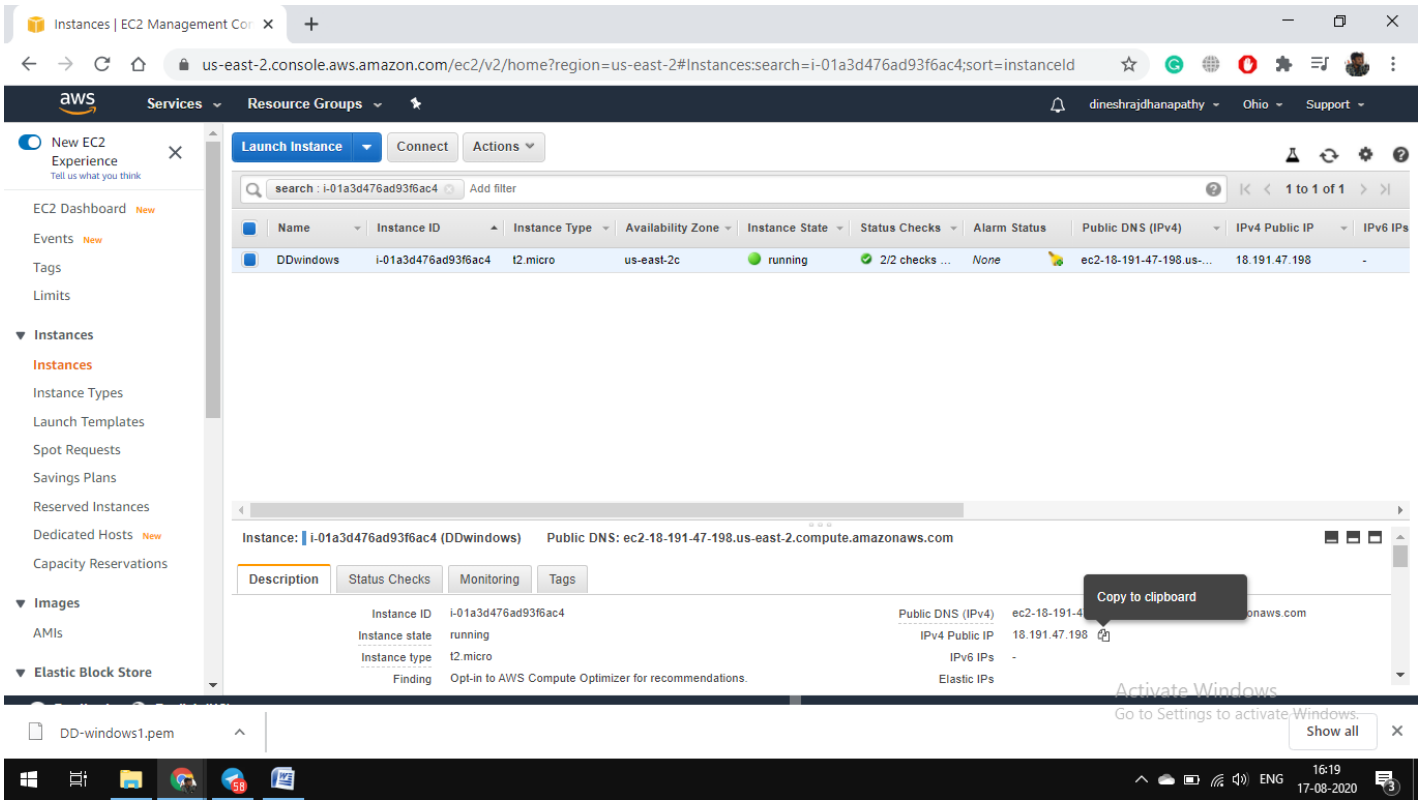
8. Key Pair :


Launch instance wizard | EC2 Ma
us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard:
Services
Resource Groups
dineshrajdhanapathy
Ohio
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 7: Review Instance Launch
AMI Details
Edit AMI
Microsoft Windows Server 2019 Base - ami-0
Free tier eligible
Microsoft Windows 2019 Datacenter edition. [English]
Root Device Type: ebs
Virtualization type: hvm
Instance Type
Edit instance type
Instance Type
ECUs
vCPUs
t2.micro
Variable
1
Moderate
Security Groups
Edit security groups
Security group name launch-wizard-1
Description launch-wizard-1 created 2020
Type
Protocol
All traffic
All
Cancel
Previous
Launch
Select an existing key pair or create a new key pair
A key pair consists of a public key that AWS stores, and a private key file that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance.
Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about removing existing key pairs from a public AMI.
Create a new key pair
Key pair name
DD-windows1
Download Key Pair
You have to download the private key file (*.pem file) before you can continue. Store it in a secure and accessible location. You will not be able to download the file again after it's created.
Cancel
Launch Instances
Go to Settings to activate Windows.
DD-windows1.pem
Show all
ENG
16:13
17-08-2020

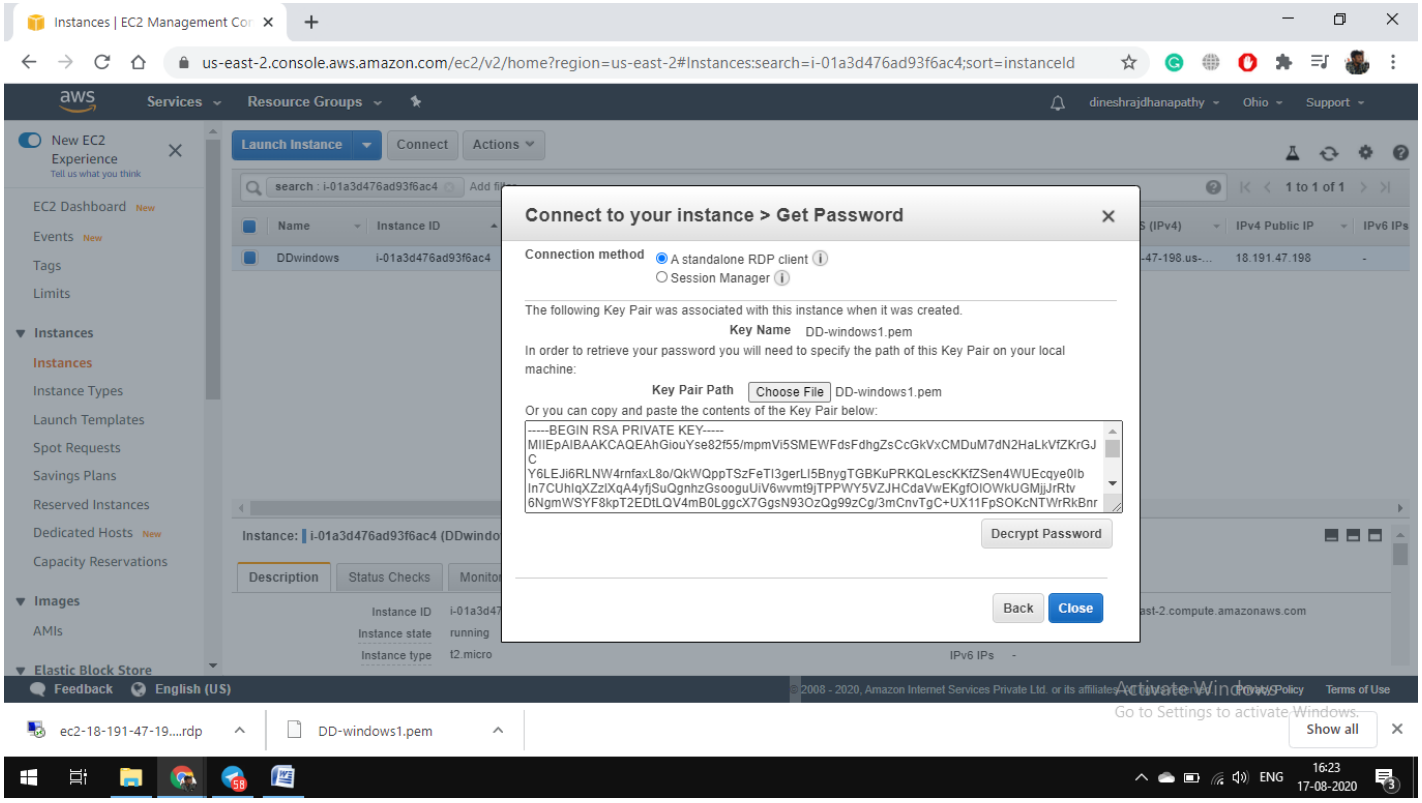
9. Initiated the instances:



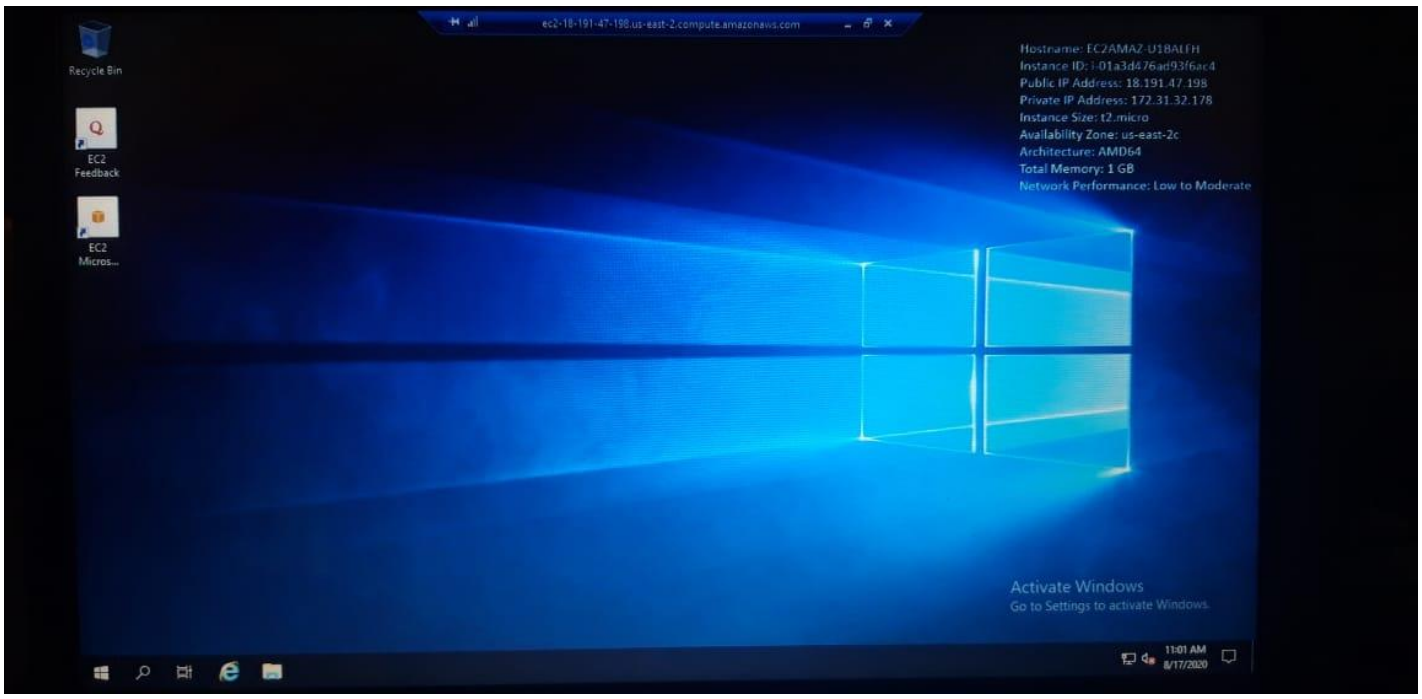
10. Waiting for a few seconds till instance comes into running state :



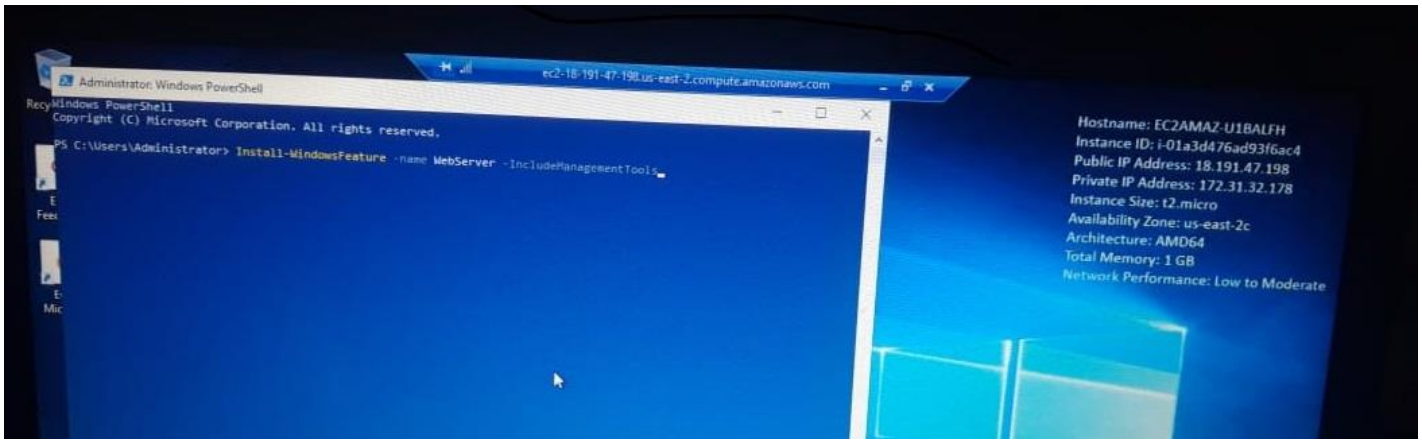
11.Obtaining password for instance :

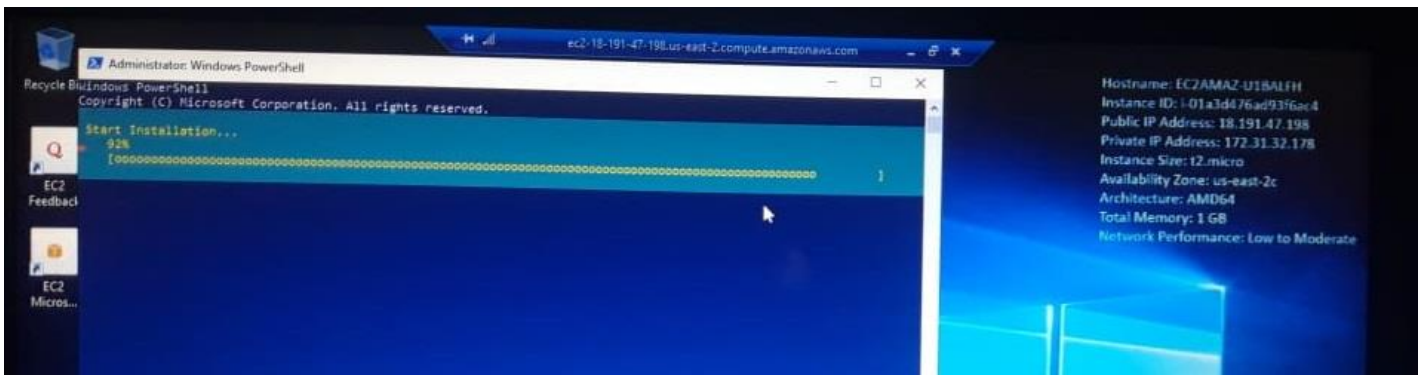


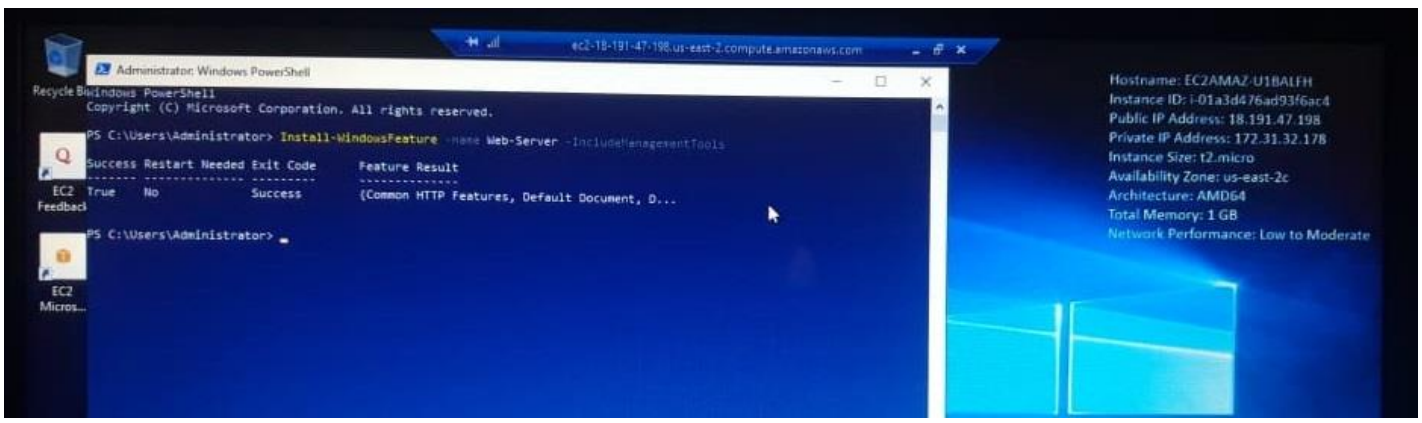
12. Windows instance connected :



13. Running web server installation command :







14. Running IIS Windows server: