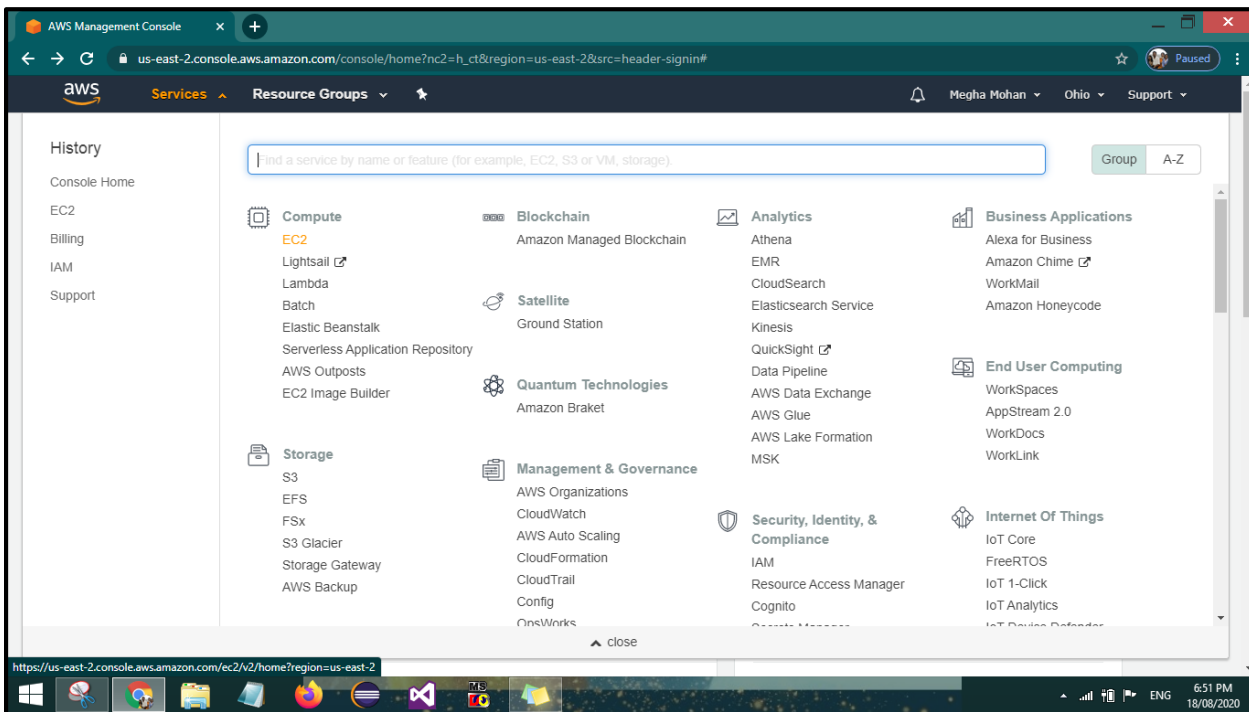


# DAY-3 ASSIGNMENT

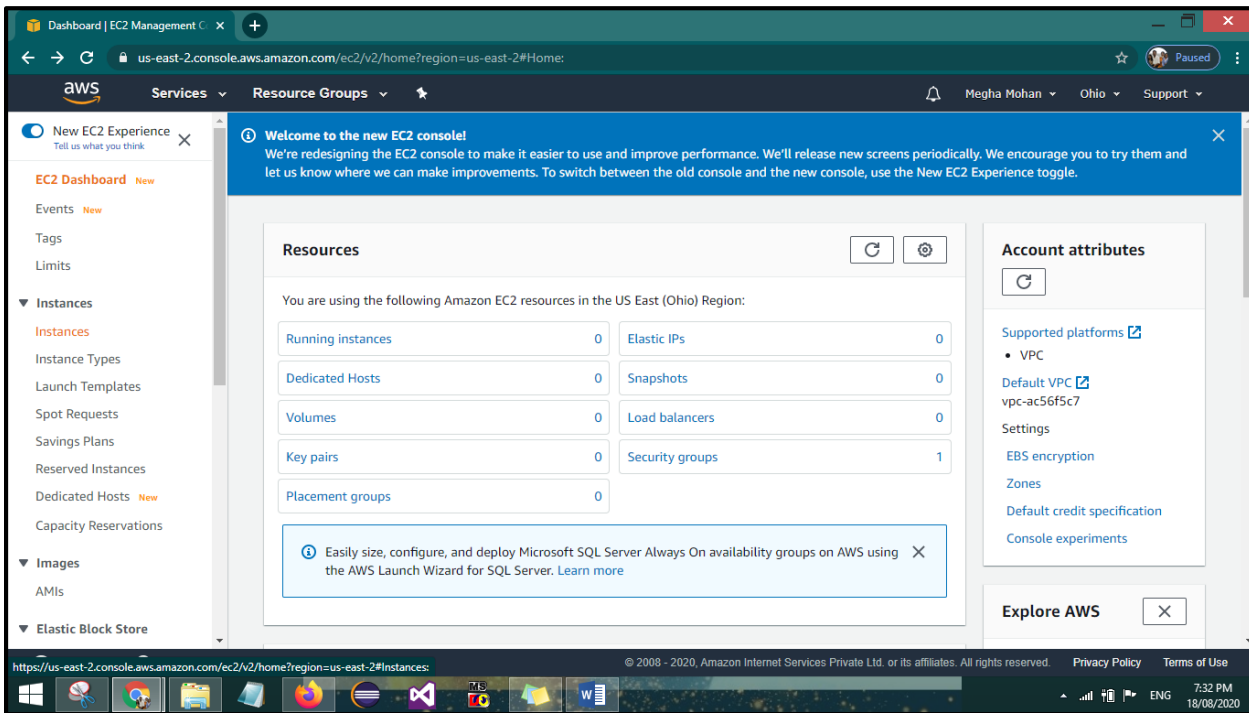
## WINDOWS SERVER

### STEPS:

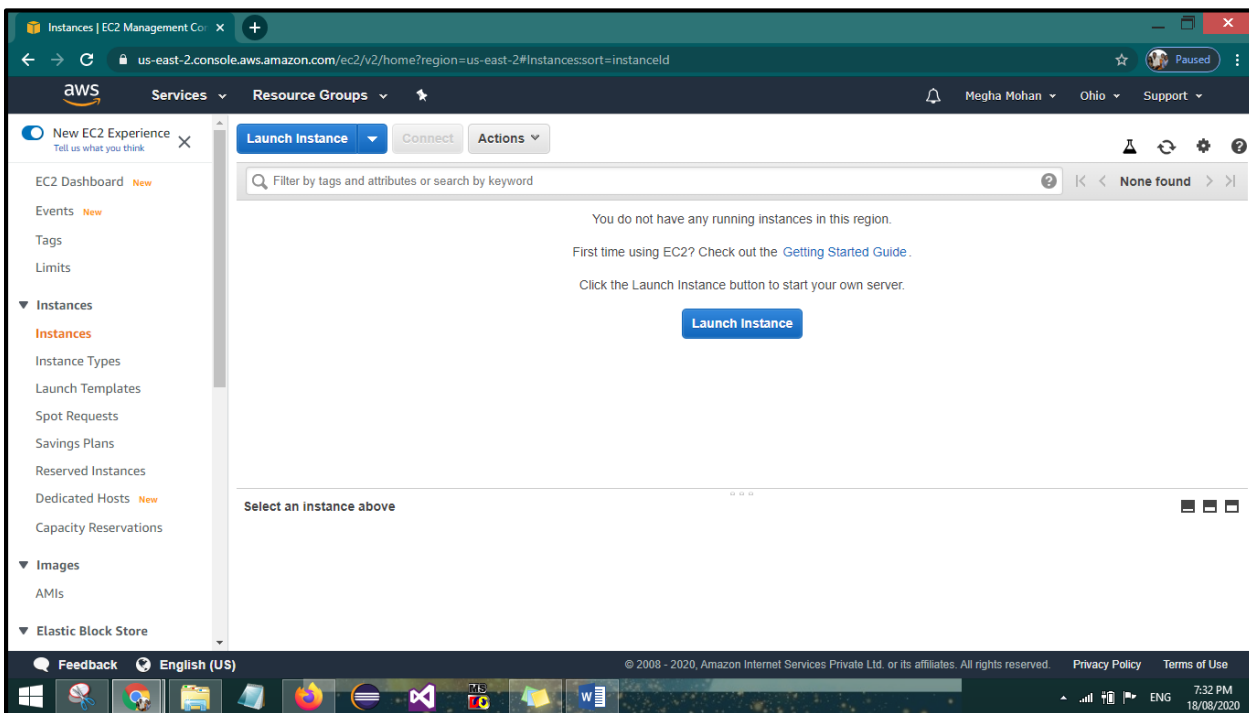
1. Open Aws Management Console
2. Click On Ec2



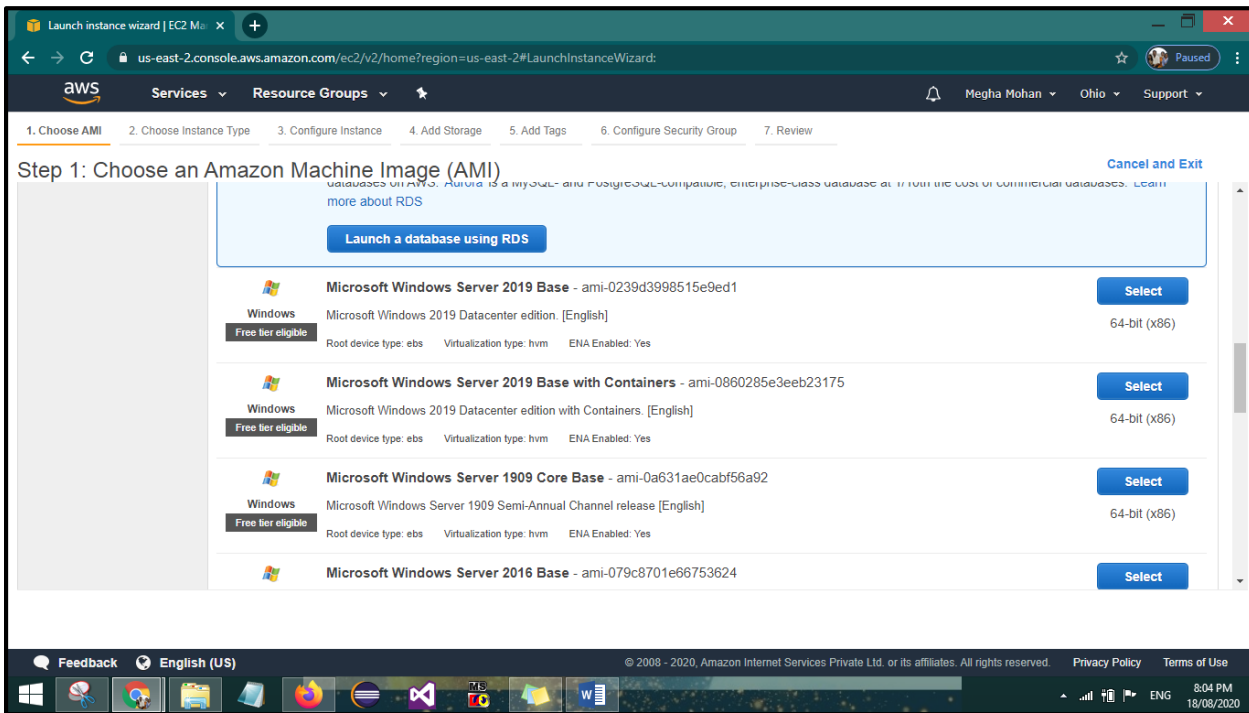
### 3. On The Right Sidebar Click On Instances



### 4. Now Click On Launch Instance

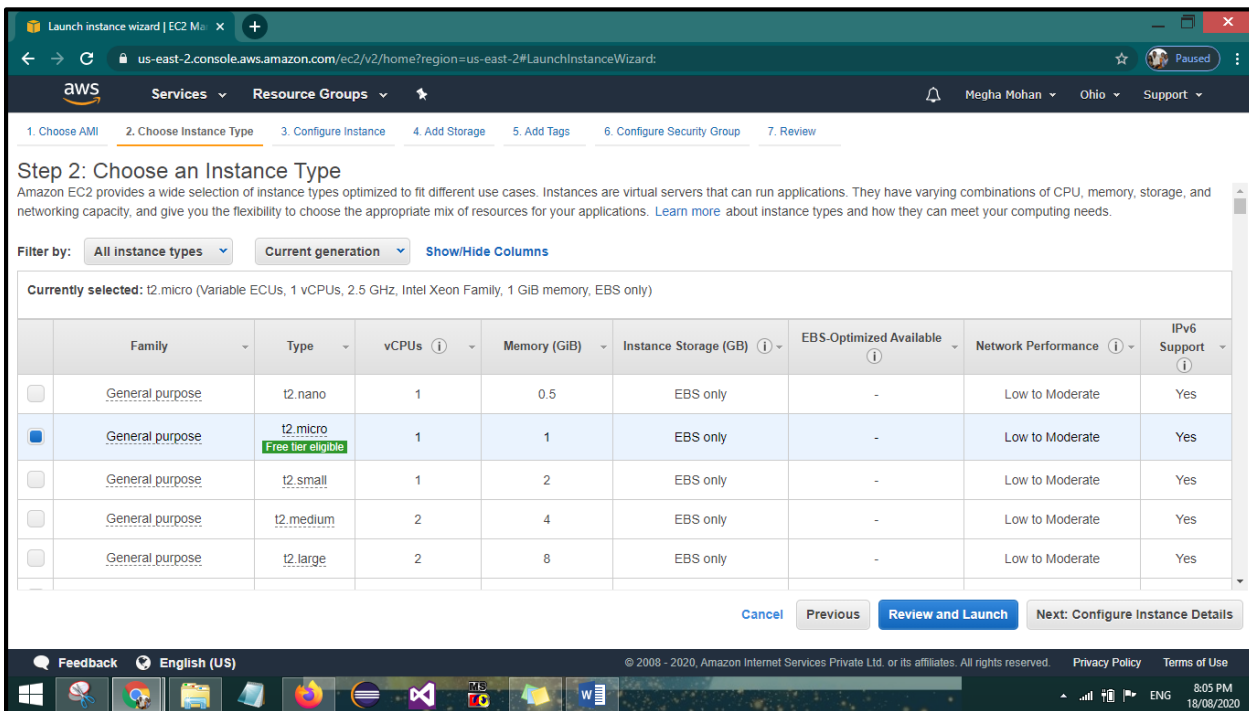


## 5. Select Microsoft Windows Server 2019 Base



## 6. Select The General Purpose Family For Free Tier

## 7. Click On Configure Instance Details



## 8. Do Changes As Shown Below And Click On Next: Add Storage

Launch instance wizard | EC2 M... x +

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard:

Services Resource Groups

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

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.

Number of instances  [Launch into Auto Scaling Group](#)

Purchasing option ☐ Request Spot instances

Network  [Create new VPC](#)

Subnet  [Create new subnet](#)

Auto-assign Public IP

Placement group ☐ Add instance to placement group

Capacity Reservation

Domain join directory  [Create new directory](#)

IAM role  [Create new IAM role](#)

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Add Storage](#)

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Launch instance wizard | EC2 M... x +

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard:

Services Resource Groups

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

Shutdown behavior

Stop - Hibernation behavior ☐ Enable hibernation as an additional stop behavior

Enable termination protection ☒ Protect against accidental termination  
[Additional charges apply.](#)

Monitoring ☐ Enable CloudWatch detailed monitoring  
[Additional charges apply.](#)

Tenancy  [Additional charges will apply for dedicated tenancy.](#)

Elastic Graphics ☐ Add Graphics Acceleration  
[Additional charges apply.](#)

T2/T3 Unlimited ☐ Enable  
[Additional charges may apply](#)

Advanced Details

Metadata accessible

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Add Storage](#)

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The screenshot shows the AWS Launch Instance Wizard at Step 3: Configure Instance Details. The wizard is for an EC2 instance in the us-east-2 region. The steps are: 1. Choose AMI, 2. Choose Instance Type, 3. Configure Instance Details, 4. Add Storage, 5. Add Tags, 6. Configure Security Group, 7. Review.

**Step 3: Configure Instance Details**

Additional charges will apply for dedicated tenancy.

**Elastic Graphics** ⓘ ☐ Add Graphics Acceleration  
Additional charges apply.

**T2/T3 Unlimited** ⓘ ☐ Enable  
Additional charges may apply.

▼ **Advanced Details**

**Metadata accessible** ⓘ Enabled

**Metadata version** ⓘ V1 and V2 (token optional)

**Metadata token response hop limit** ⓘ 1

**User data** ⓘ ☒ As text ☐ As file ☐ Input is already base64 encoded  
(Optional)

Buttons: Cancel, Previous, Review and Launch, Next: Add Storage

## 9. No Changes Are Required So Click On Next: Add Tags

The screenshot shows the AWS Launch Instance Wizard at Step 4: Add Storage. The wizard is for an EC2 instance in the us-east-2 region. The steps are: 1. Choose AMI, 2. Choose Instance Type, 3. Configure Instance Details, 4. Add Storage, 5. Add Tags, 6. Configure Security Group, 7. Review.

**Step 4: Add Storage**

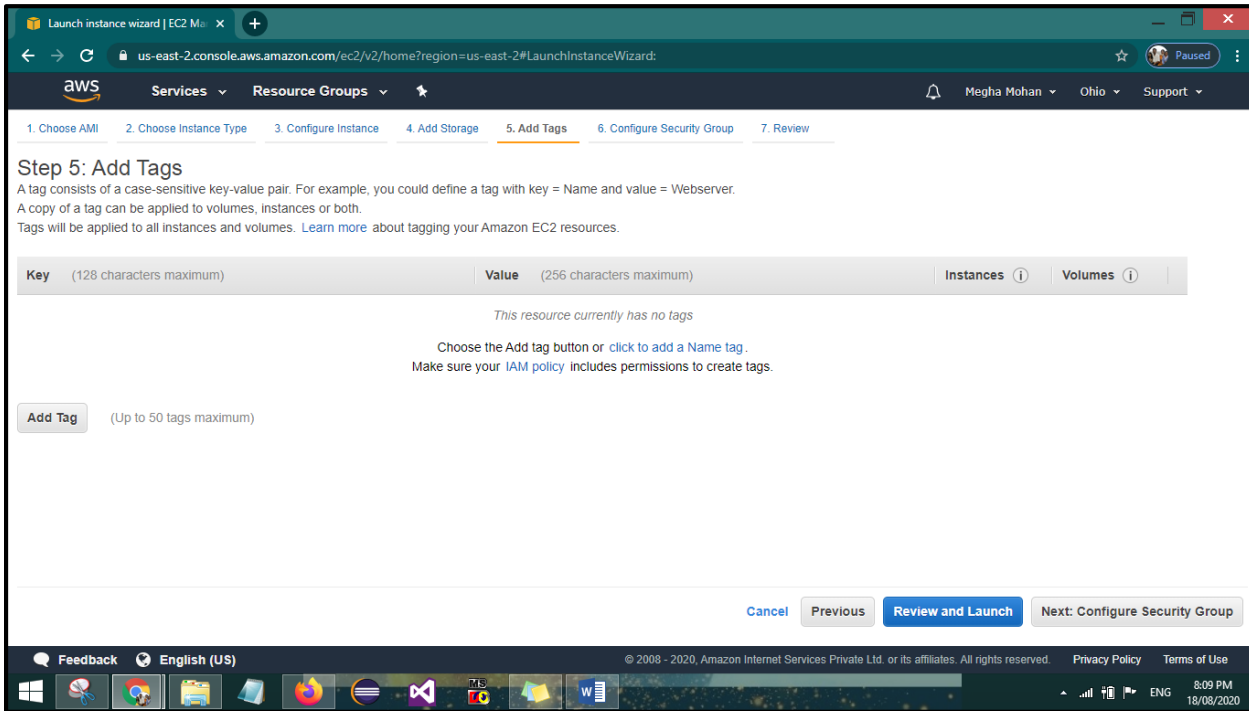
Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [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/sda1	snap-0fce5b6ed98763b3e	30	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypt

Buttons: Add New Volume, Cancel, Previous, Review and Launch, Next: Add Tags

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.

## 10. If You Want You Can Add Name Tag And Then Click On Next: Configure Security Groups



## 11. In The Type Dropdown Change To All Traffic And In Source Select Anywhere

## 12. Click On Review And Launch

Launch instance wizard | EC2 M...

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard:

Services Resource Groups

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

### Step 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. [Learn more](#) about Amazon EC2 security groups.

Assign a security group: ☒ Create a new security group  
☐ Select an existing security group

Security group name:   
Description:

Type	Protocol	Port Range	Source	Description
All traffic	All	0 - 65535	Anywhere 0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop

Add Rule

**Warning**  
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.

Cancel Previous **Review and Launch**

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## 13. Click On Launch

Launch instance wizard | EC2 M...

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard:

Services Resource Groups

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-0239d3998515e9ed1**  
Free tier eligible Microsoft Windows 2019 Datacenter edition. [English]  
Root Device Type: ebs Virtualization type: hvm  
If you plan to use this AMI for an application that benefits from Microsoft License Mobility, fill out the [License Mobility Form](#). Don't show me this again

Instance Type [Edit instance type](#)

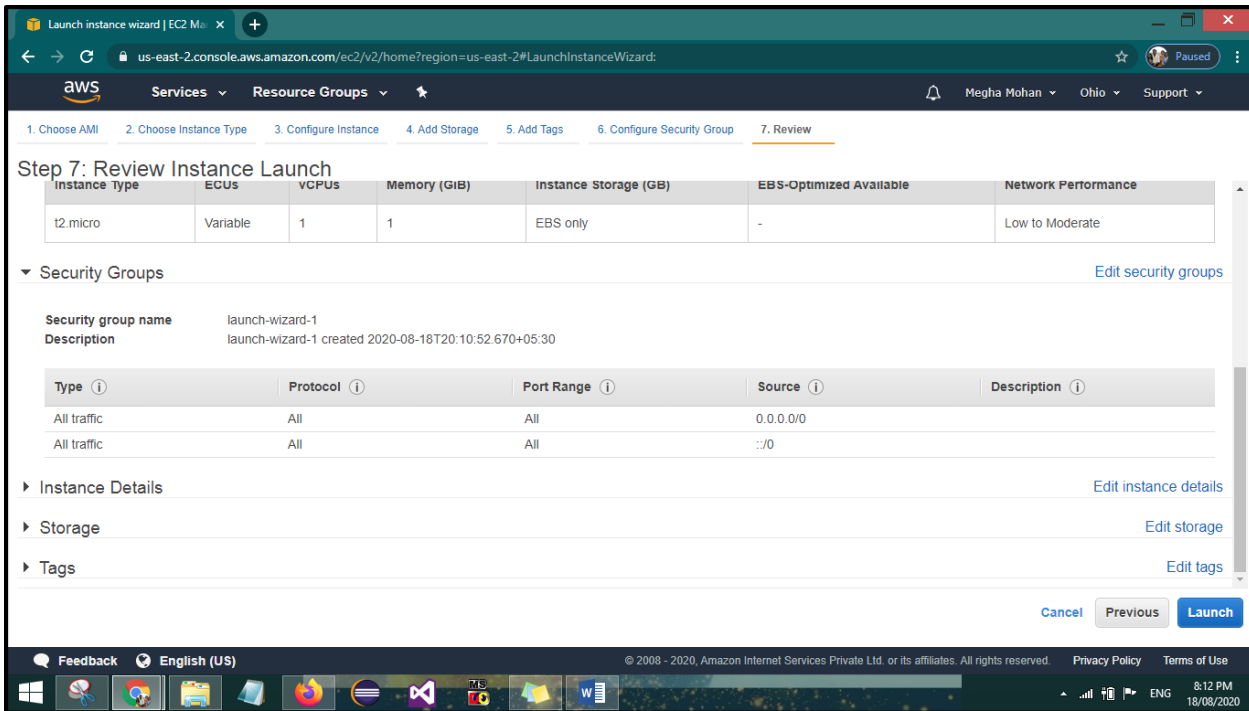
Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	Variable	1	1	EBS only	-	Low to Moderate

Security Groups [Edit security groups](#)

Security group name: launch-wizard-1  
Description: launch-wizard-1 created 2020-08-18T20:10:52.670+05:30

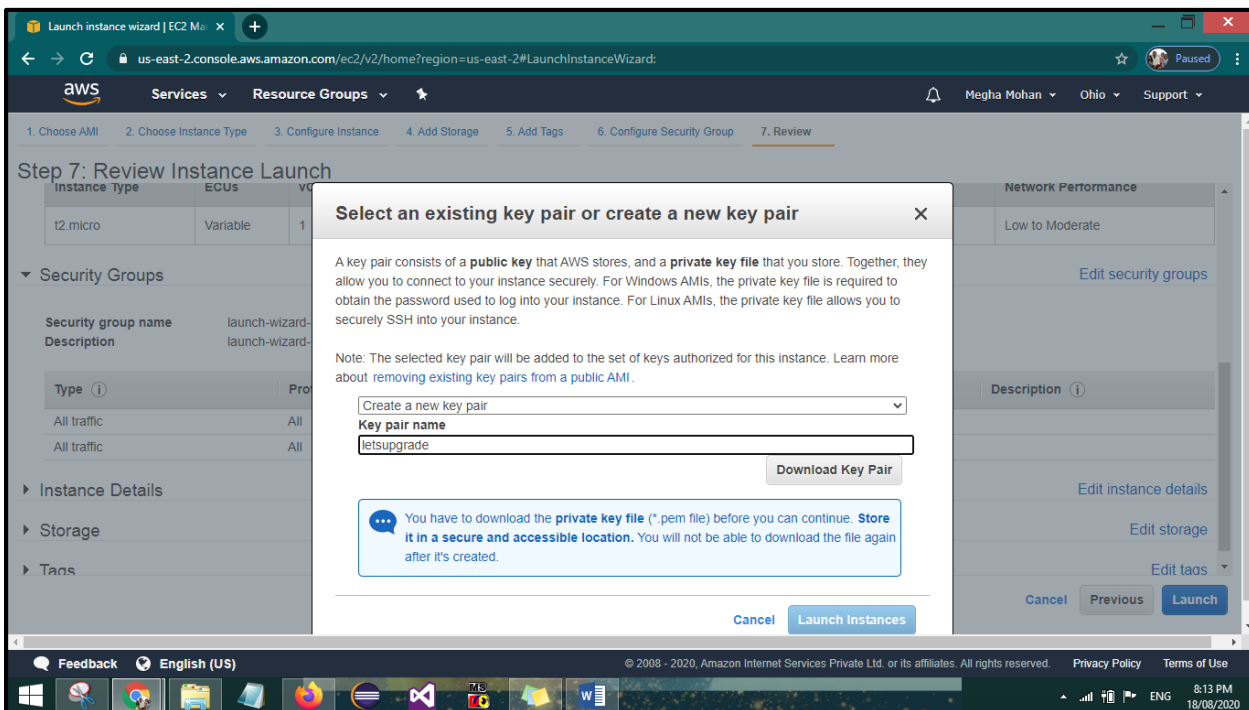
Cancel Previous **Launch**

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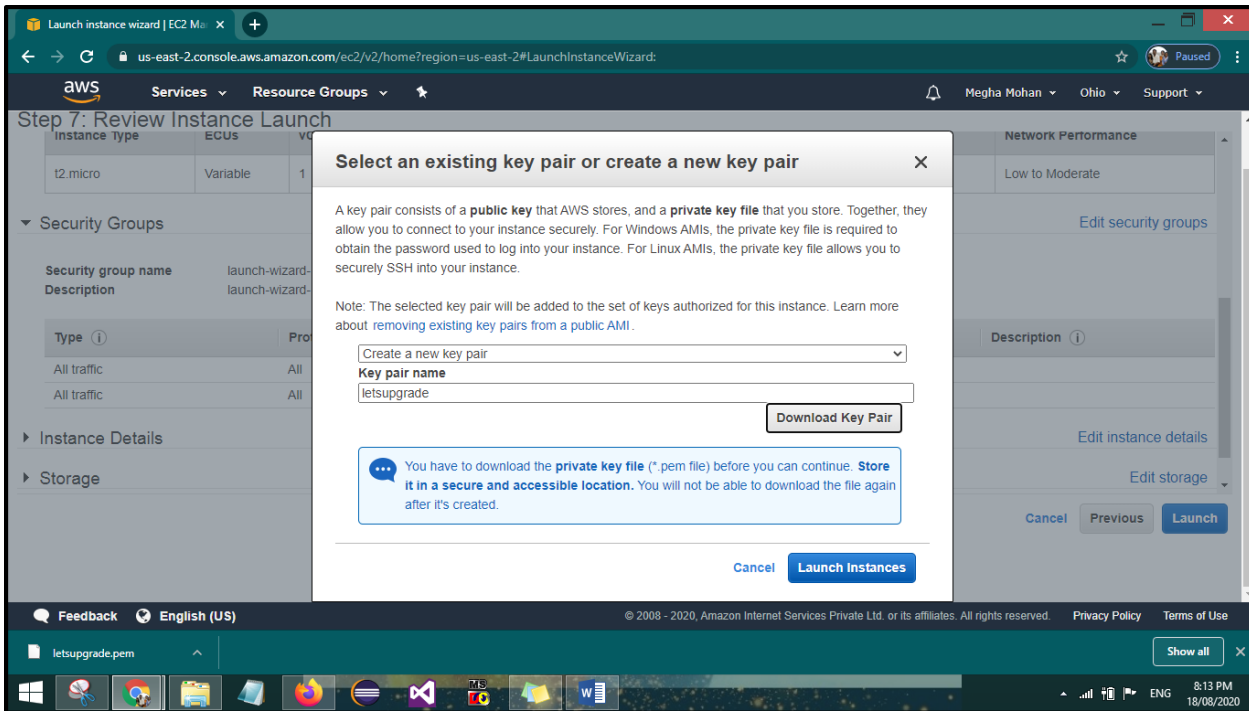
14. Click On Create A New Key Pair And Give Name Appropriately

15. Download The Key Pair

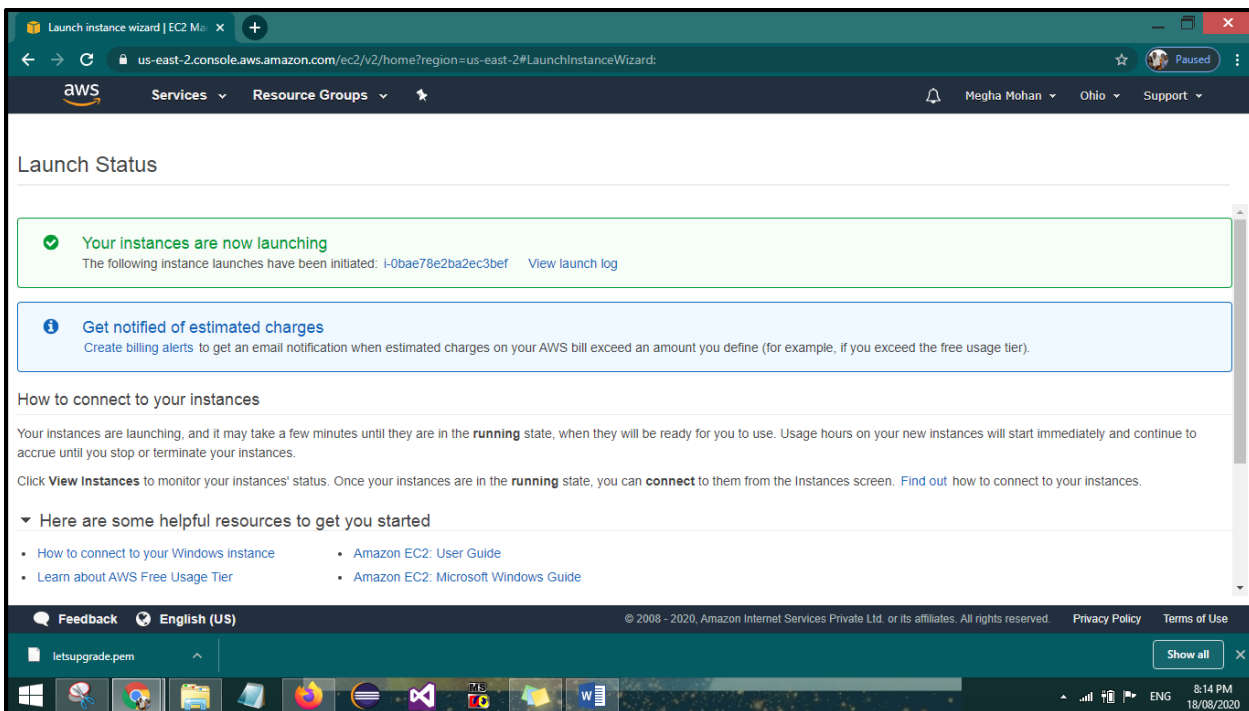


16. Click On Launch Instances

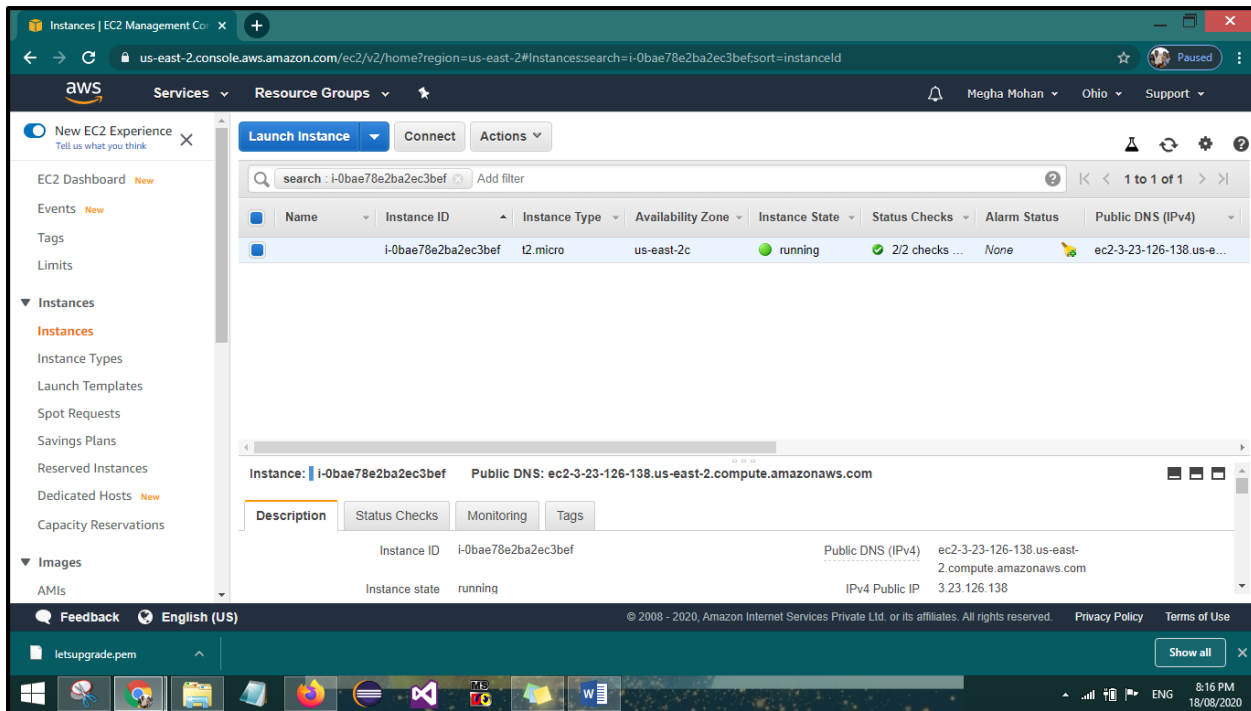




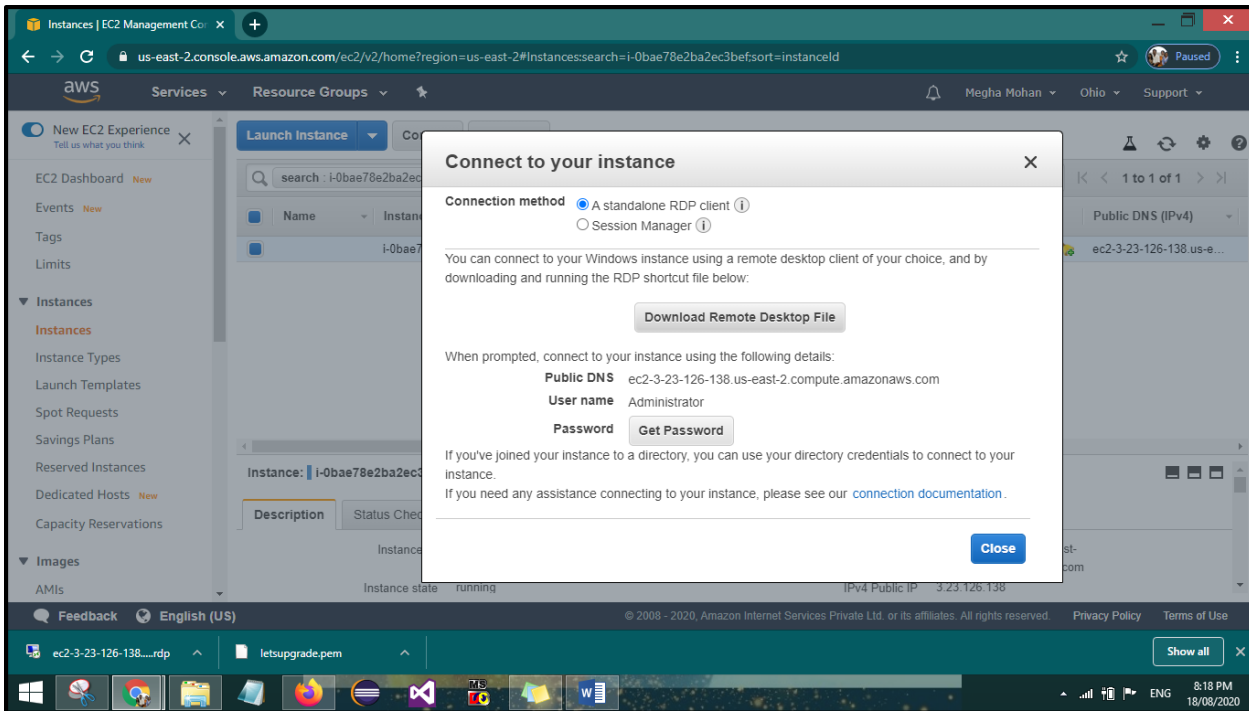
## 17. Open The Link Next To View Launch Tags



18. You Can See The Instance Initializing, Let It Complete Initialization
19. Then Click On Connect Button Or Go To Actions And Click Connect

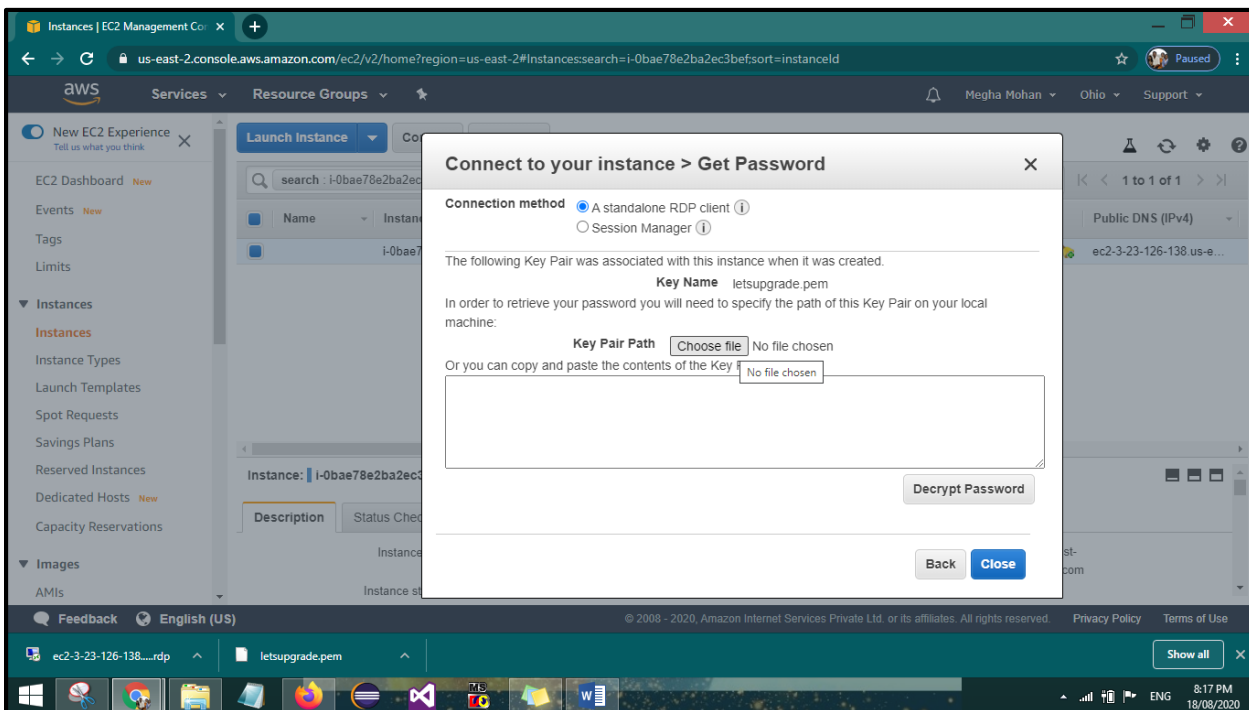


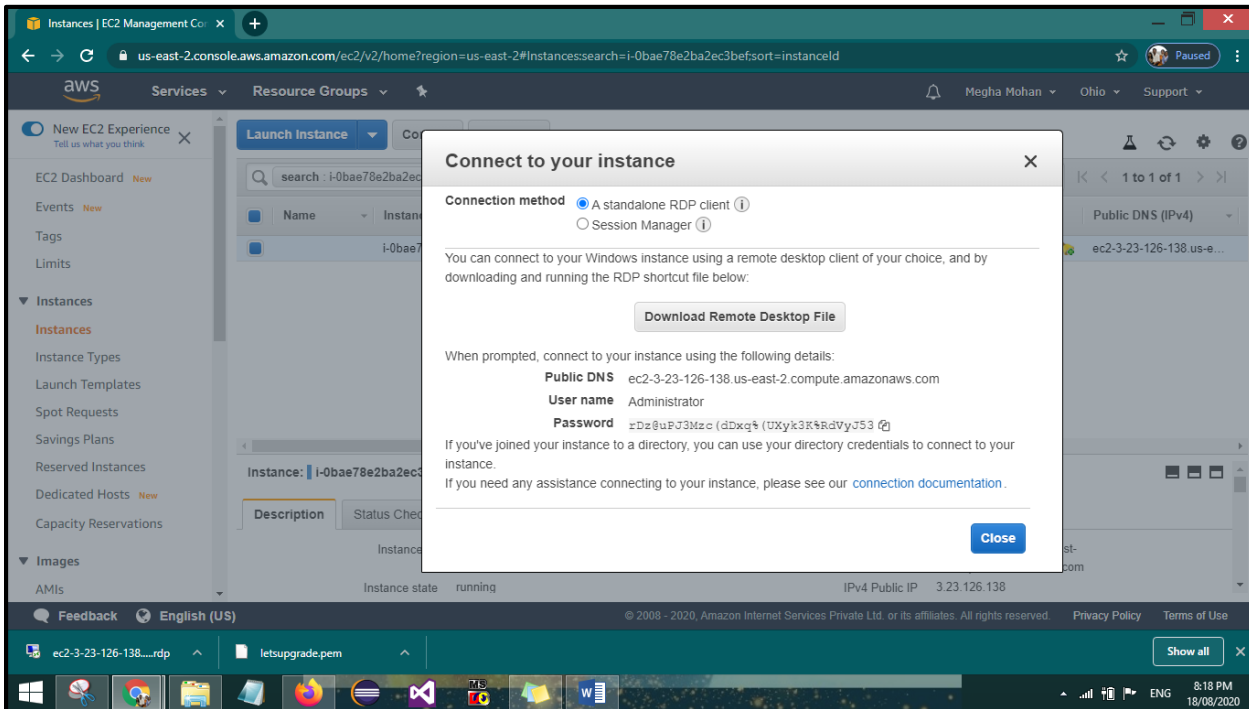
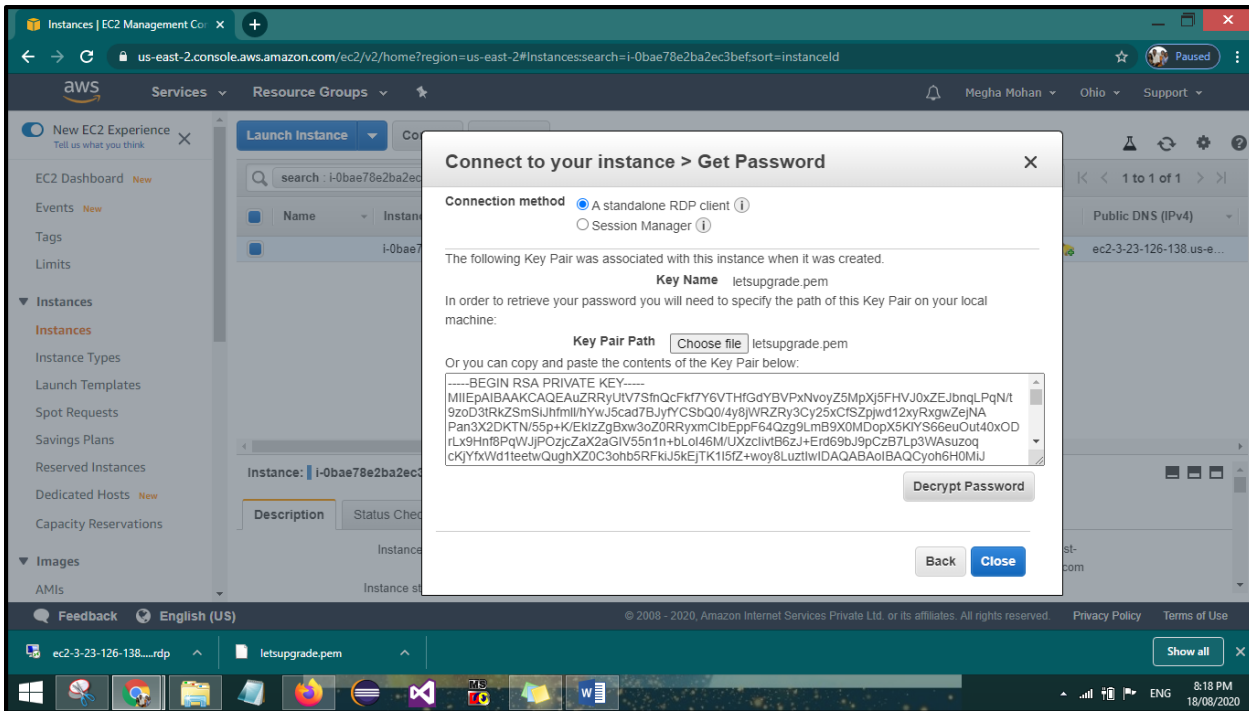
20. Download Remote Desktop File
21. Click On Get Password



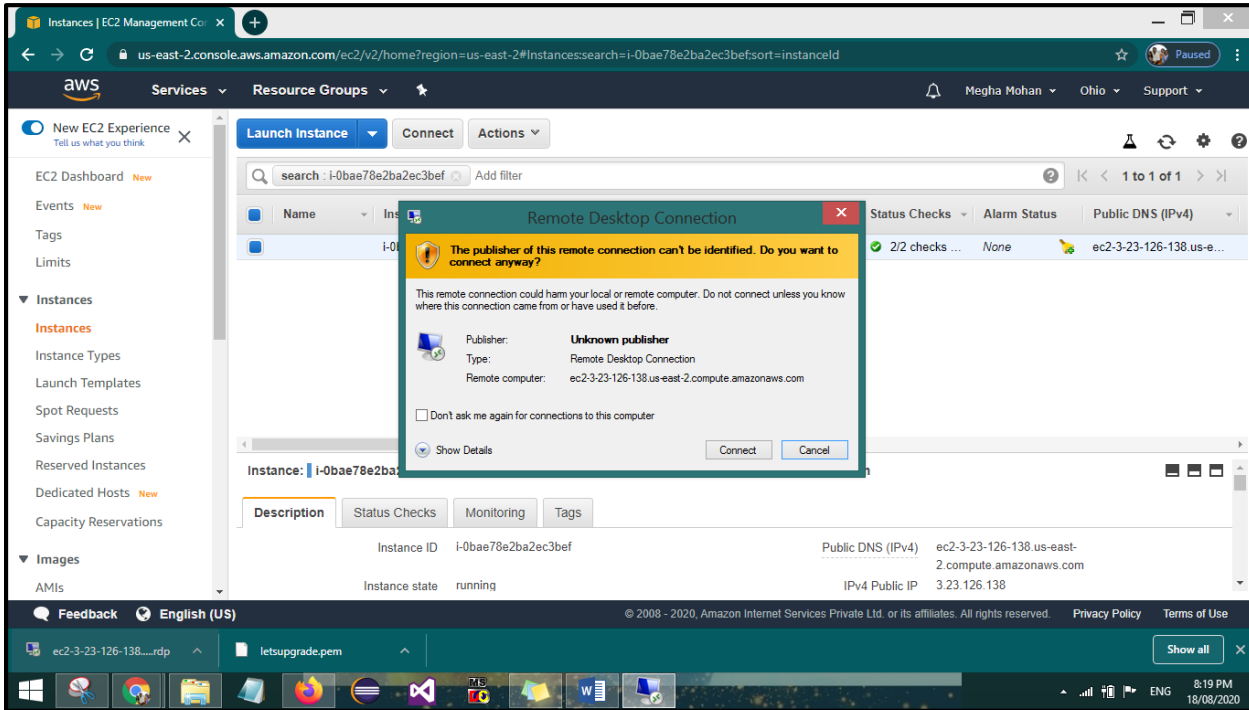
22. Choose The Downloaded .Pem File And Click On Decrypt Password

23. Copy The Password And Close

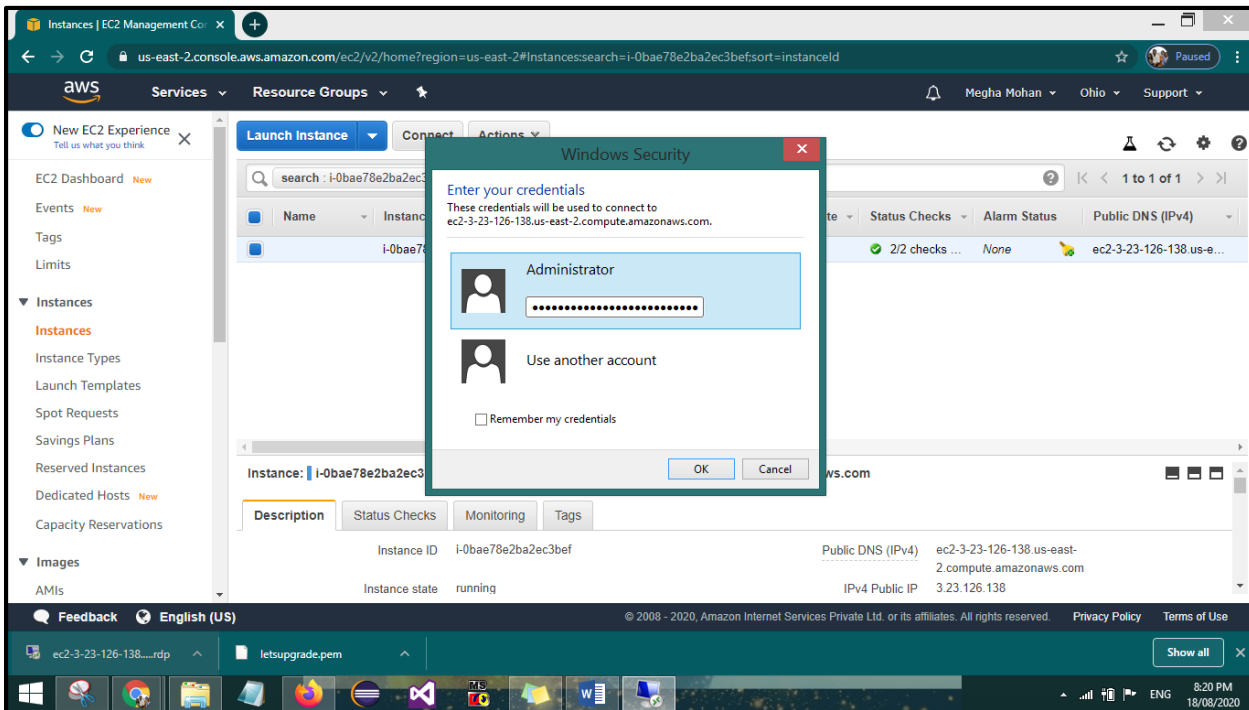




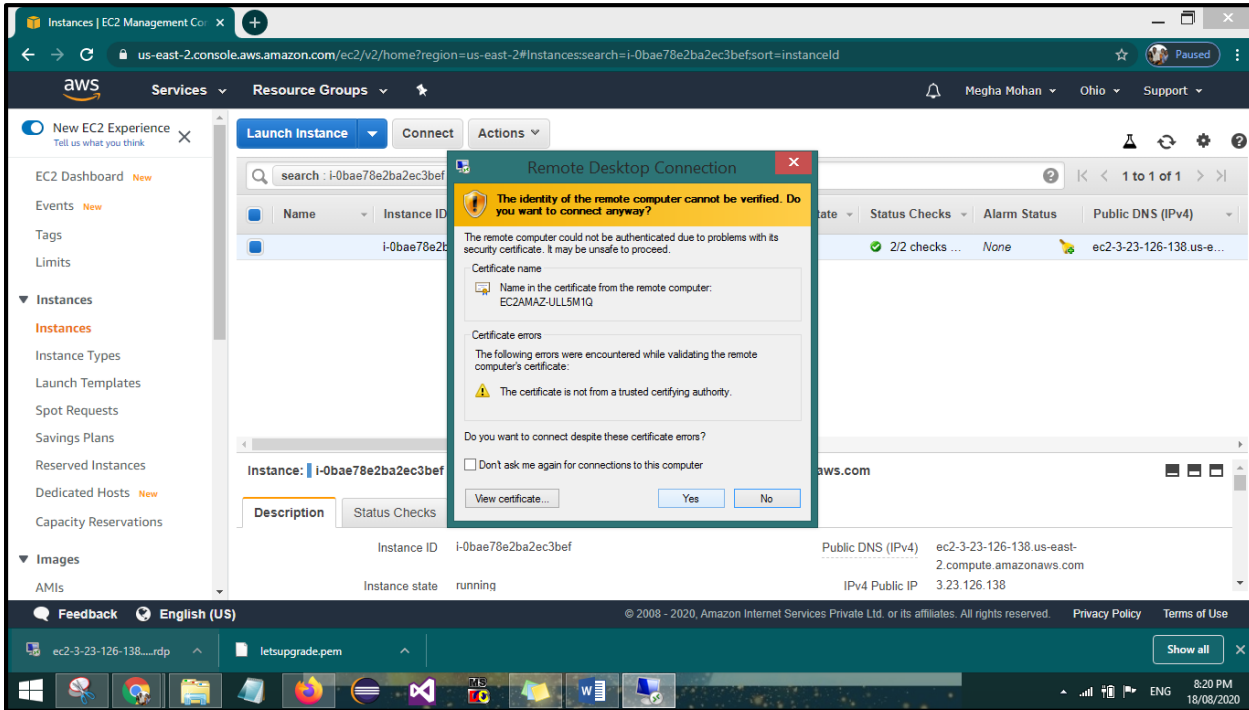
## 24. Open The Remote Desktop File Click On Connect



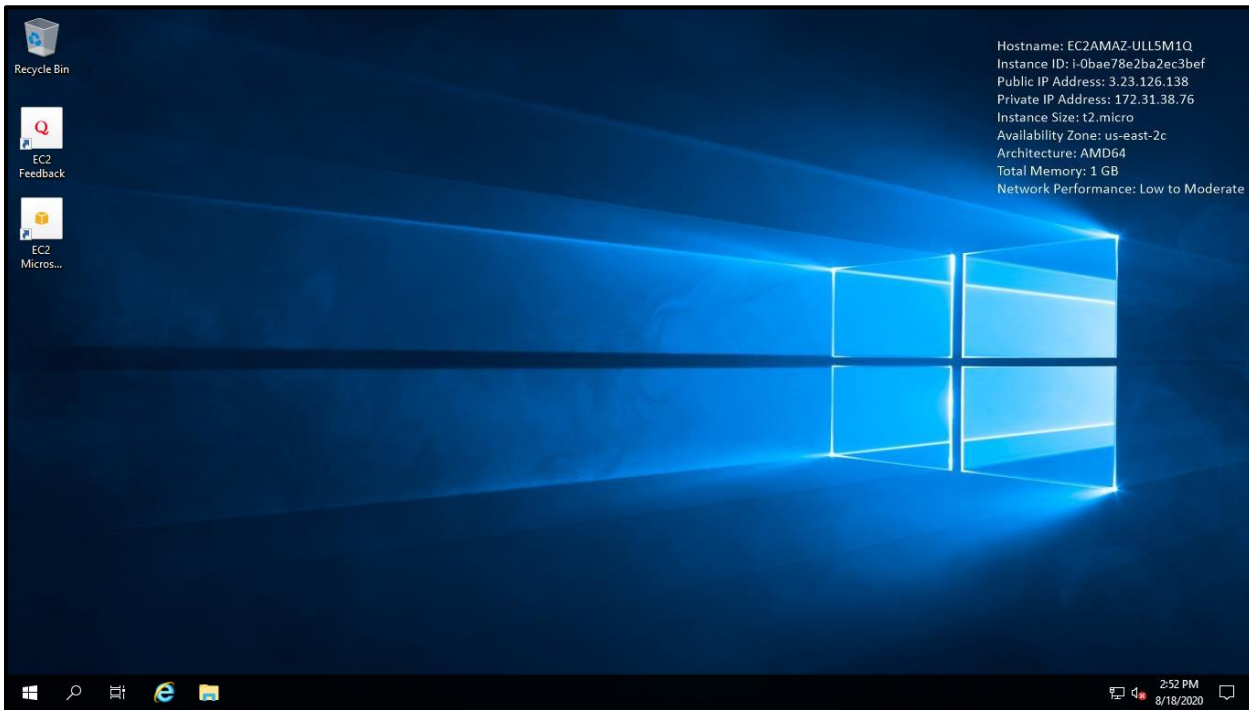
## 25. Paste The Password And Click On Ok



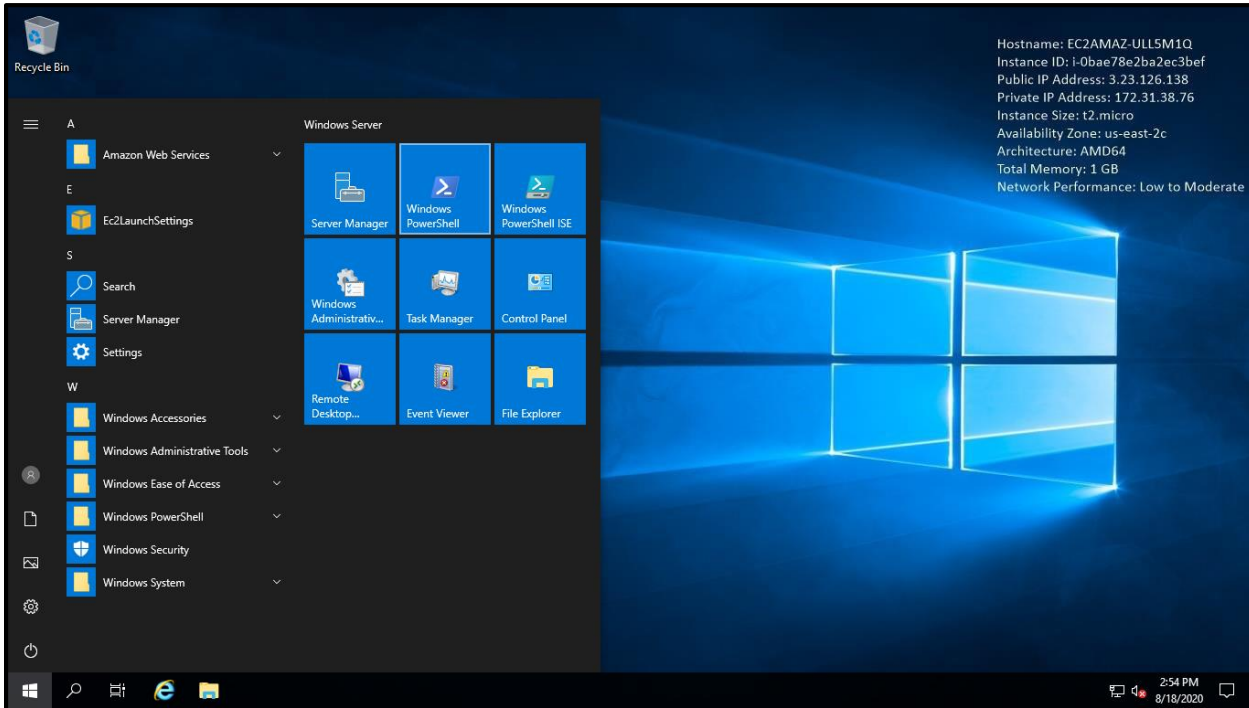
## 26. Click On Yes



## 27. Windows System Will Open

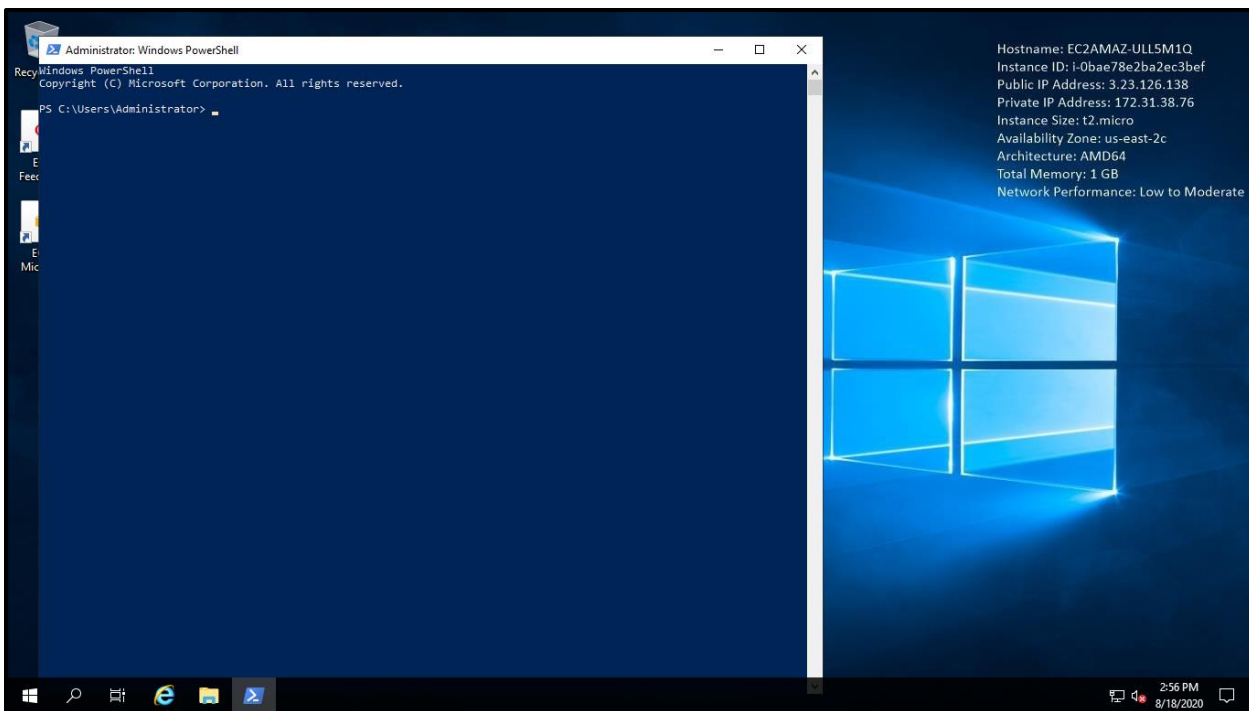


## 28. Click On Windows Symbol And Select Windows Powershell

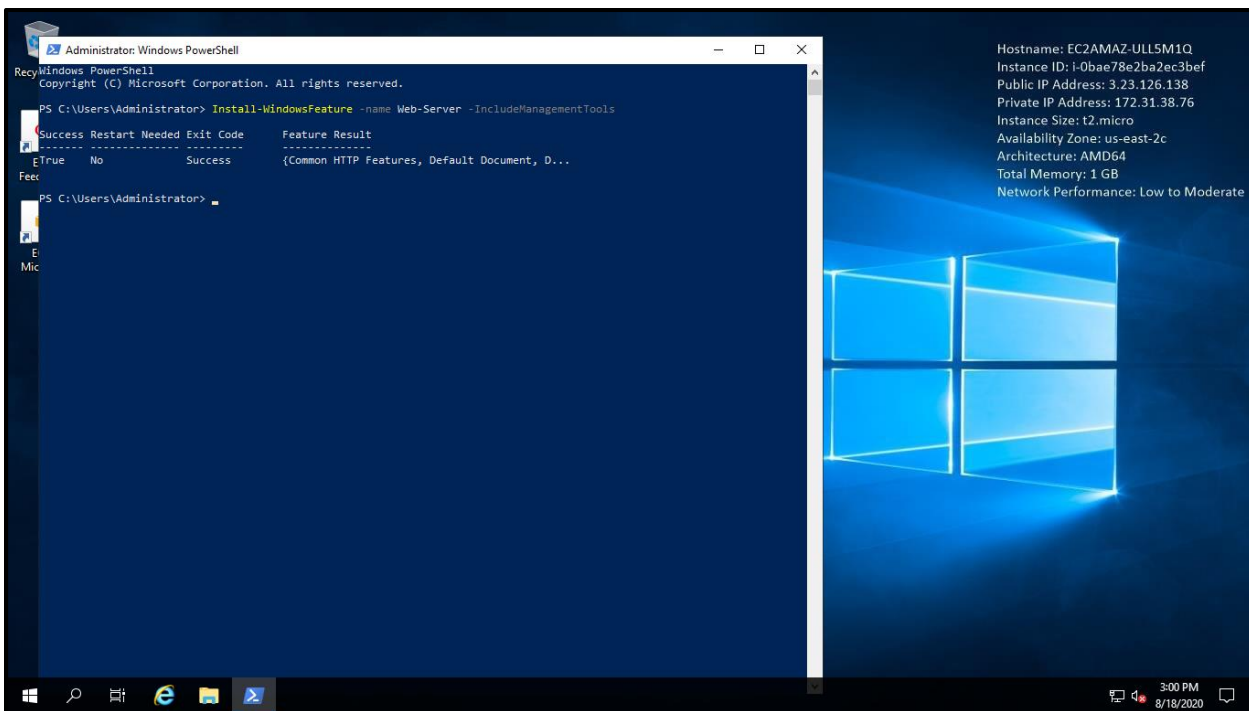
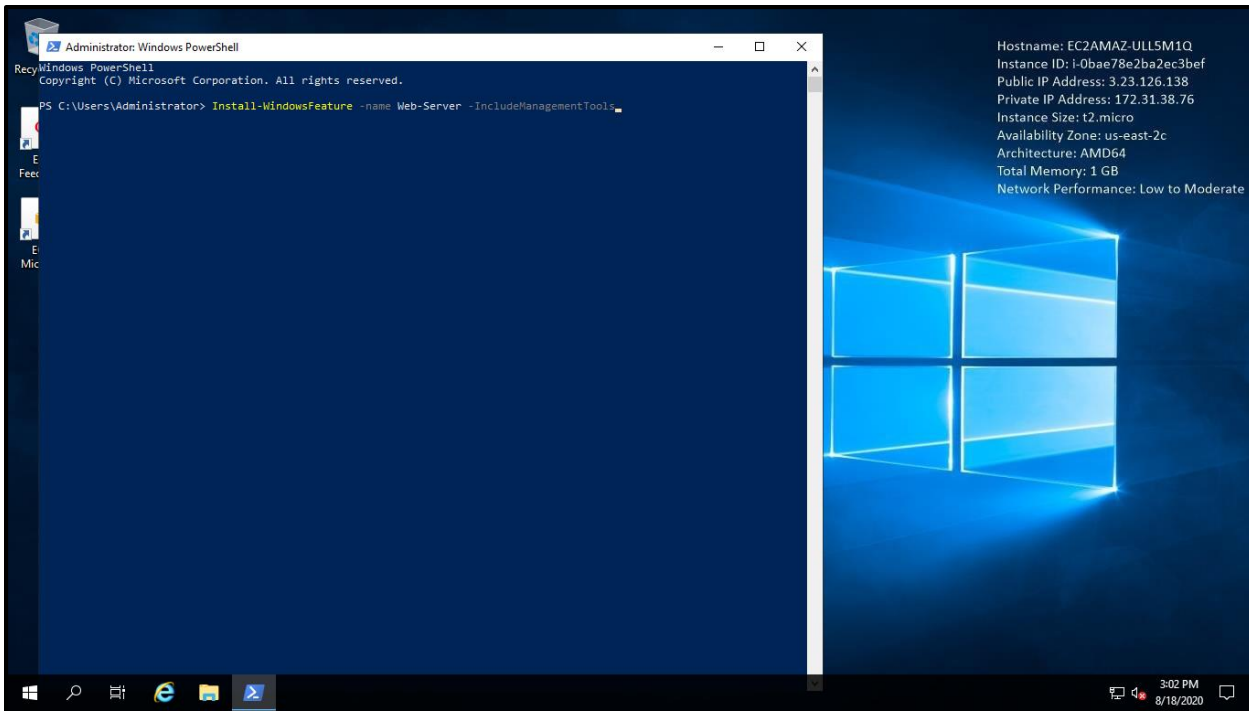


## 29. Write The Following Code:

## 30. Install-WindowsFeature -name Web-Server -IncludeManagementTools









31. After Loading Is Fully Completed Go To Management Console
32. Copy The Ipv4 Address And Paste On New Tab
33. You Can See Windows Server There.

