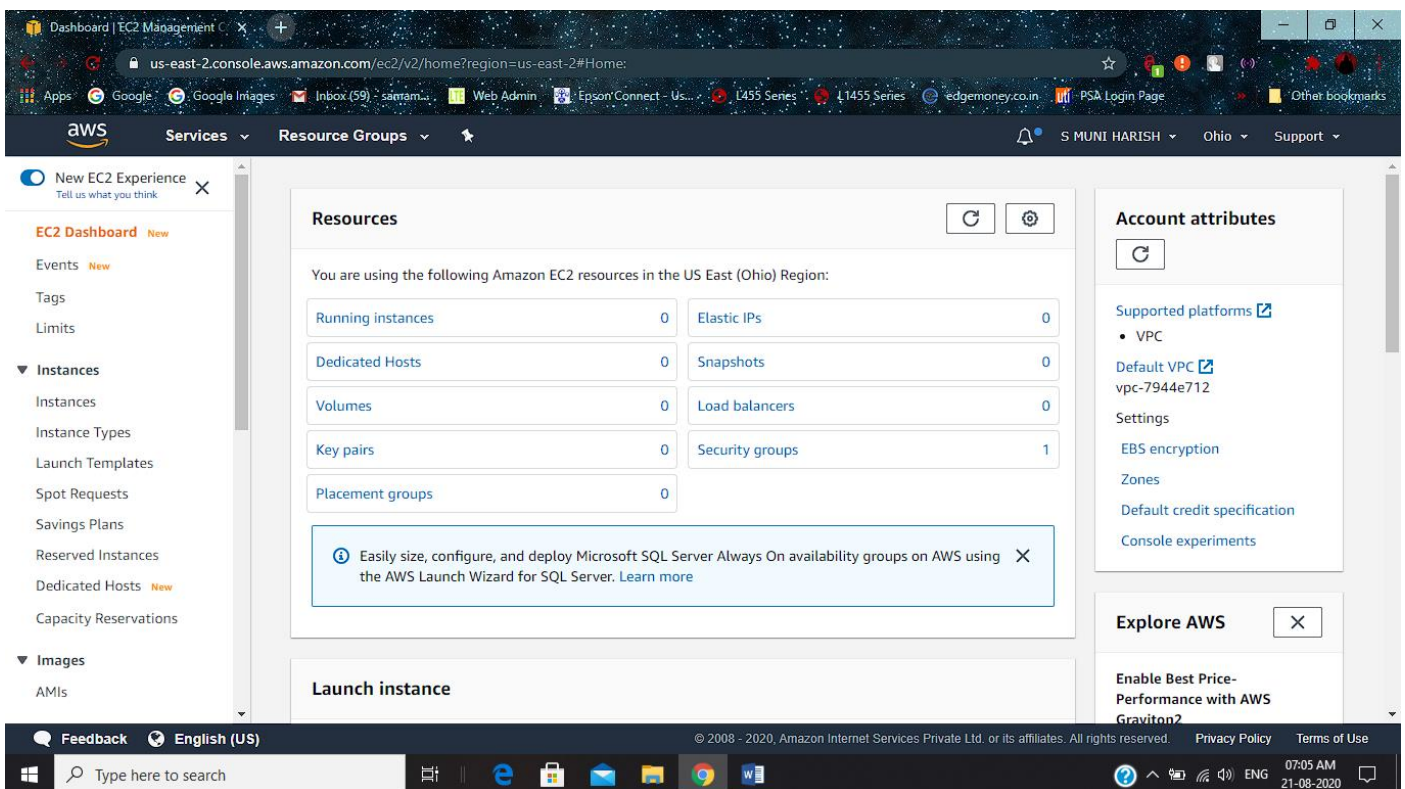
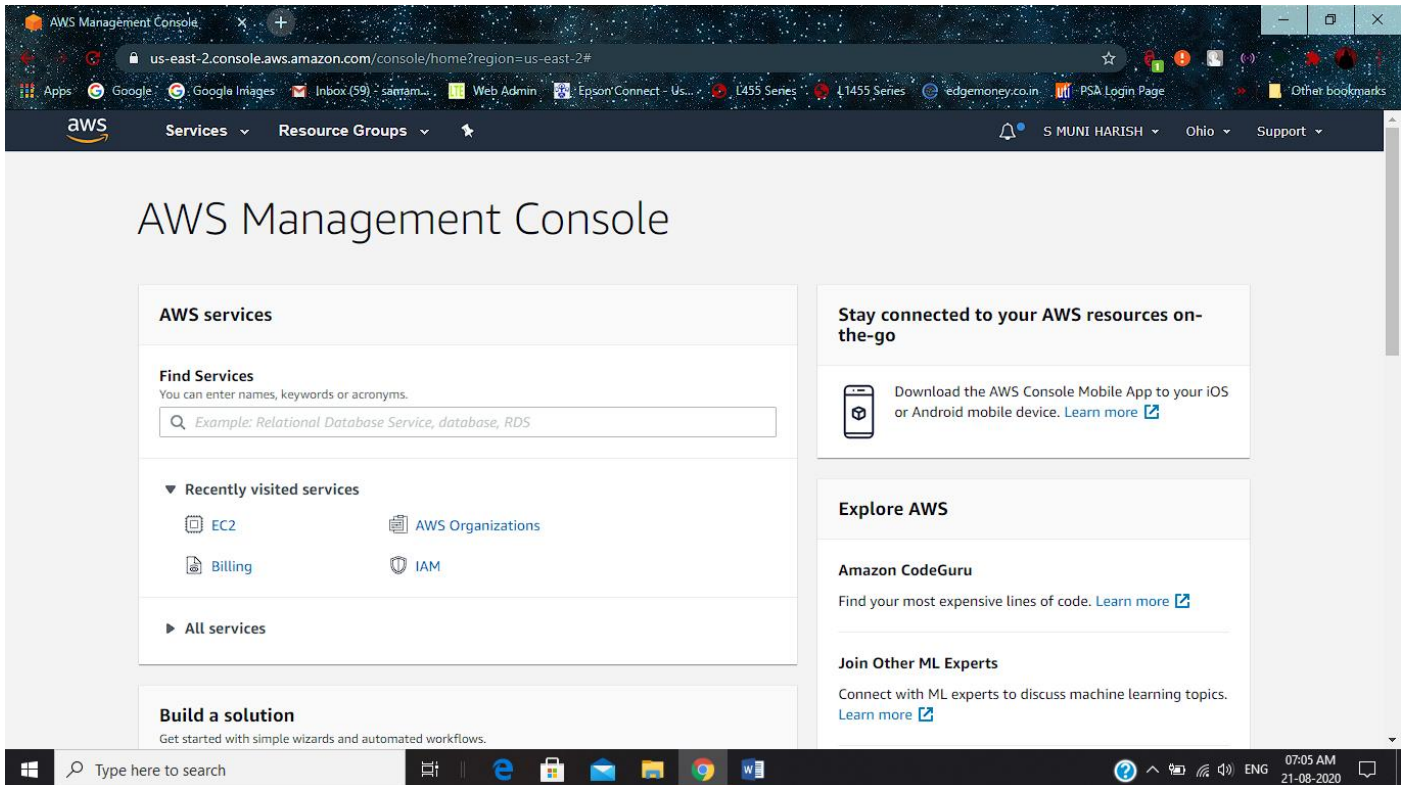
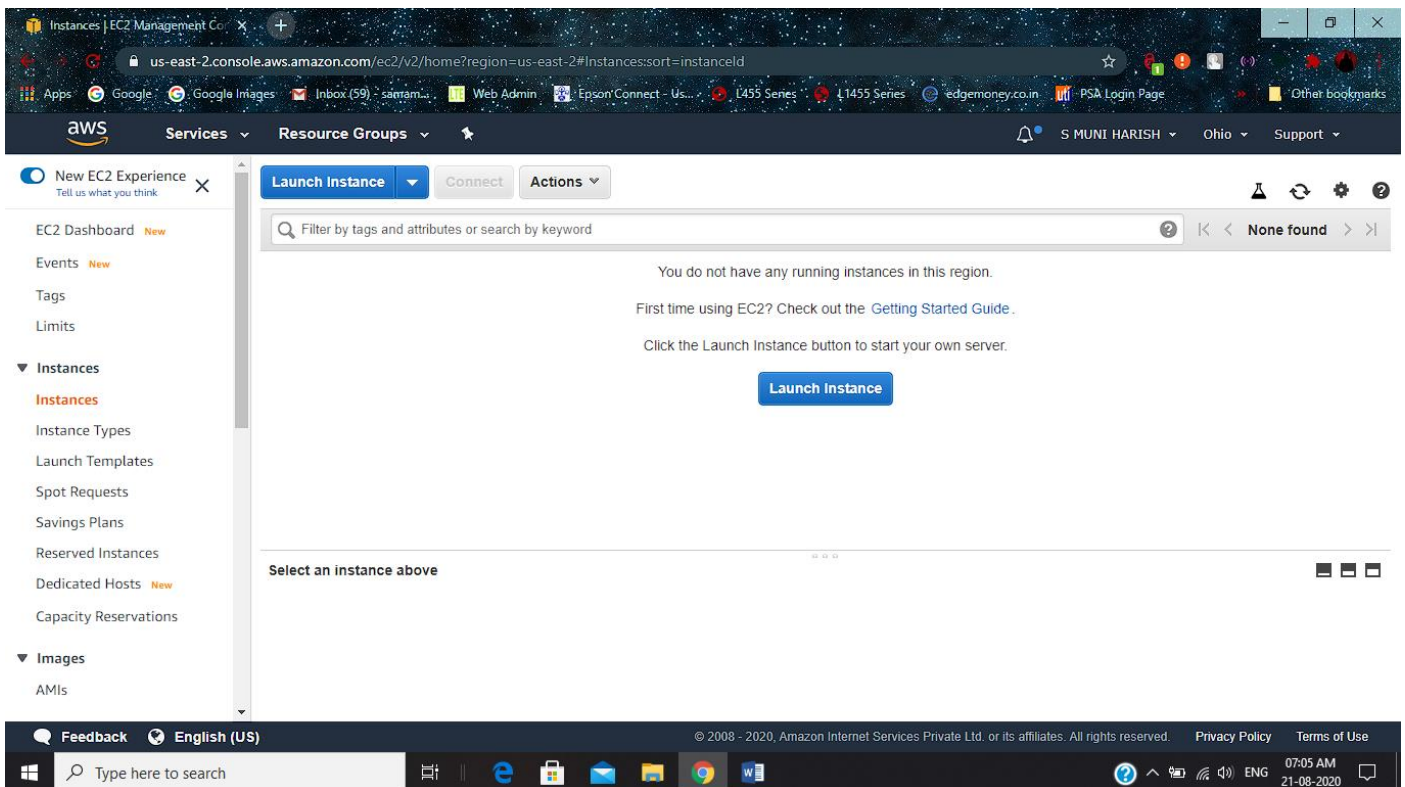


Project – 1:

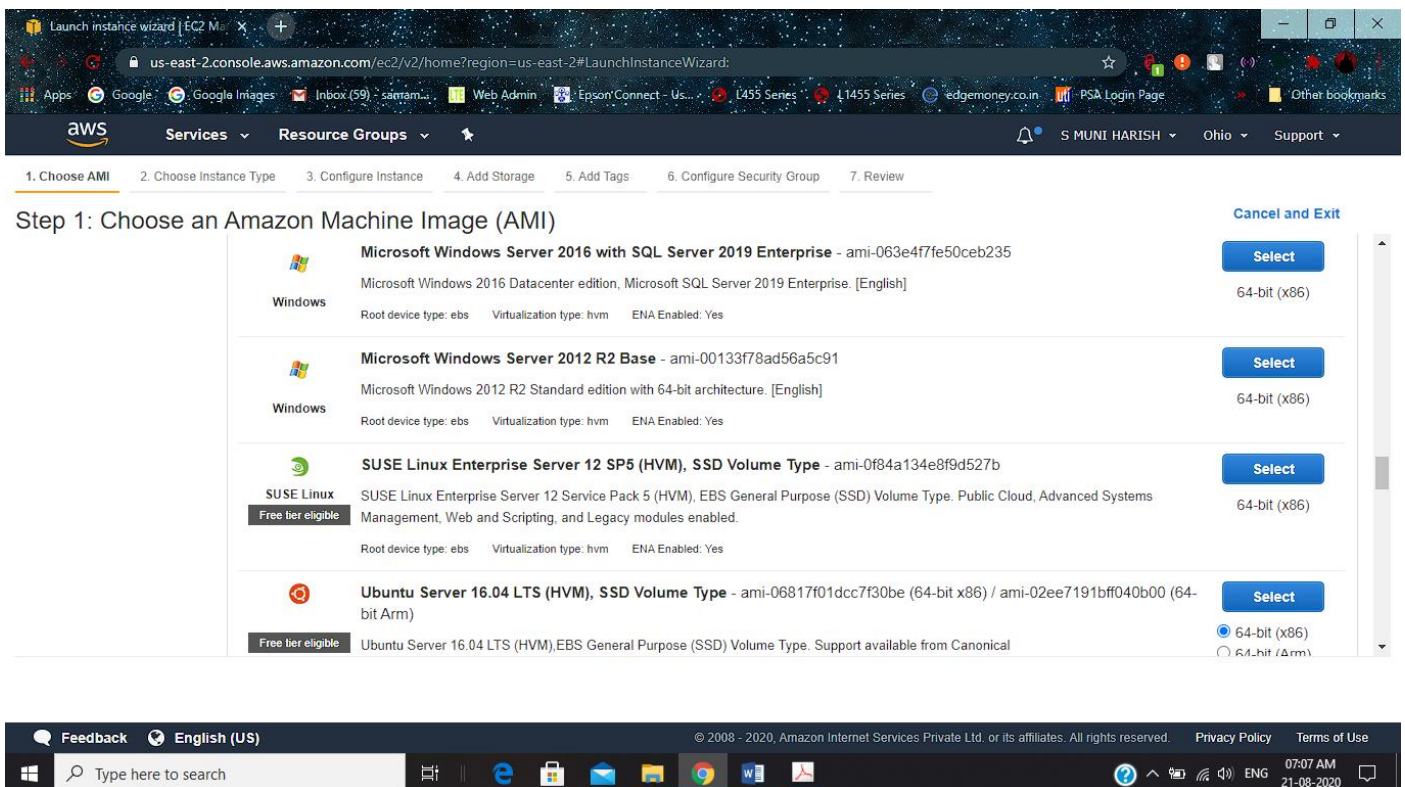
- Now open the EC2 Dashboard



- Now Launch Instance



- Now Select the Microsoft Windows Server 2012 R2 Base



- Now Select the Free tier eligible option

Launch instance wizard | EC2 M... x +

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

aws 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 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by: All instance types Current generation Show/Hide Columns

Currently selected: t2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate	Yes

Cancel Previous Review and Launch Next: Configure Instance Details

- Configure the Instance Details

Launch instance wizard | EC2 M... x +

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

aws 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 1 Launch into Auto Scaling Group

Purchasing option ☐ Request Spot instances

Network vpc-7944e712 (default) Create new VPC

Subnet No preference (default subnet in any Availability Zone) Create new subnet

Auto-assign Public IP Enable

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

Cancel Previous Review and Launch Next: Add Storage

- Now adding the Storage

Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination	Encryption
Root	/dev/sda1	snap-09cc4869d0f64e95	30	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypted

[Add New Volume](#)

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](#)

- Now Add Tags

Key	Value	Instances	Volumes
Name	Windows	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

[Add another tag](#) (Up to 50 tags maximum)

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Configure Security Group](#)

- Now Configure the Security Group

The screenshot shows the 'Configure Security Group' step in the AWS Launch Instance Wizard. The breadcrumb trail at the top indicates the steps: 1. Choose AMI, 2. Choose Instance Type, 3. Configure Instance, 4. Add Storage, 5. Add Tags, 6. Configure Security Group, and 7. Review. The main heading is 'Step 6: Configure Security Group'. Below it, a paragraph explains that a security group is a set of firewall rules. The 'Assign a security group' section has two radio buttons: 'Create a new security group' (selected) and 'Select an existing security group'. The 'Security group name' field contains 'launch-wizard-1' and the 'Description' field contains 'launch-wizard-1 created 2020-08-21T07:09:33.807+05:30'. Below these fields is a table for adding rules. The table has columns: Type, Protocol, Port Range, Source, and Description. A rule is added with Type 'All traffic', Protocol 'All', Port Range '0 - 65535', Source 'Anywhere', and Description 'e.g. SSH for Admin Desktop'. An 'Add Rule' button is below the table. A yellow warning box states: '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.' At the bottom right are 'Cancel', 'Previous', and 'Review and Launch' buttons.

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

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	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](#)

- Now Select an existing key pair and select key pair name

The screenshot shows the 'Review Instance Launch' step in the AWS Launch Instance Wizard. The breadcrumb trail at the top indicates the steps: 1. Choose AMI, 2. Choose Instance Type, 3. Configure Instance, 4. Add Storage, 5. Add Tags, 6. Configure Security Group, and 7. Review. The main heading is 'Step 7: Review Instance Launch'. Below it, a paragraph says 'Please review your instance launch details. You can...'. There are two warning boxes: 'Improve your instances' security' and 'Your instance configuration is not eligible for the free usage tier'. The 'AMI Details' section shows 'Microsoft Windows Server 2012 R2 Standard'. A modal dialog titled 'Select an existing key pair or create a new key pair' is open. It explains that a key pair consists of a public key and a private key file. It has a 'Create a new key pair' dropdown, a 'Key pair name' field with 'letsupgrade', and a 'Download Key Pair' button. A message box says: '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.' At the bottom right of the modal are 'Cancel' and 'Launch Instances' buttons. The background shows 'Previous' and 'Launch' buttons.

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

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

Please review your instance launch details. You can...

Improve your instances' security
Your instances may be accessible from the Internet. You can also open additional ports in your security groups.

Your instance configuration is not eligible for the free usage tier
To launch an instance that's eligible for the free usage restrictions, you must select a different instance type or AMI.

AMI Details
Microsoft Windows Server 2012 R2 Standard
Root Device Type: ebs Virtualization type: x86_64

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

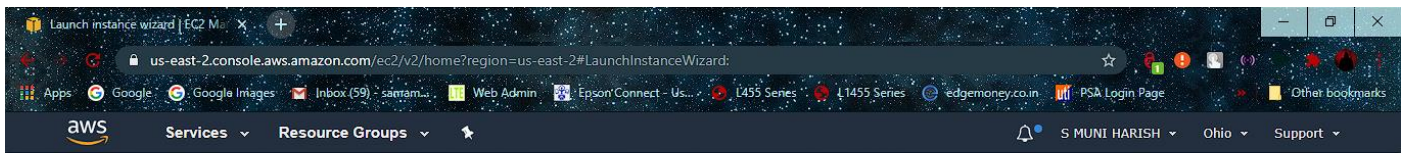
Key pair name

[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](#)

[Previous](#) [Launch](#)



Launch Status

Your instances are now launching
The following instance launches have been initiated: i-0099c266cdea55aa0 [View launch log](#)

Get notified of estimated charges
Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).

How to connect to your instances

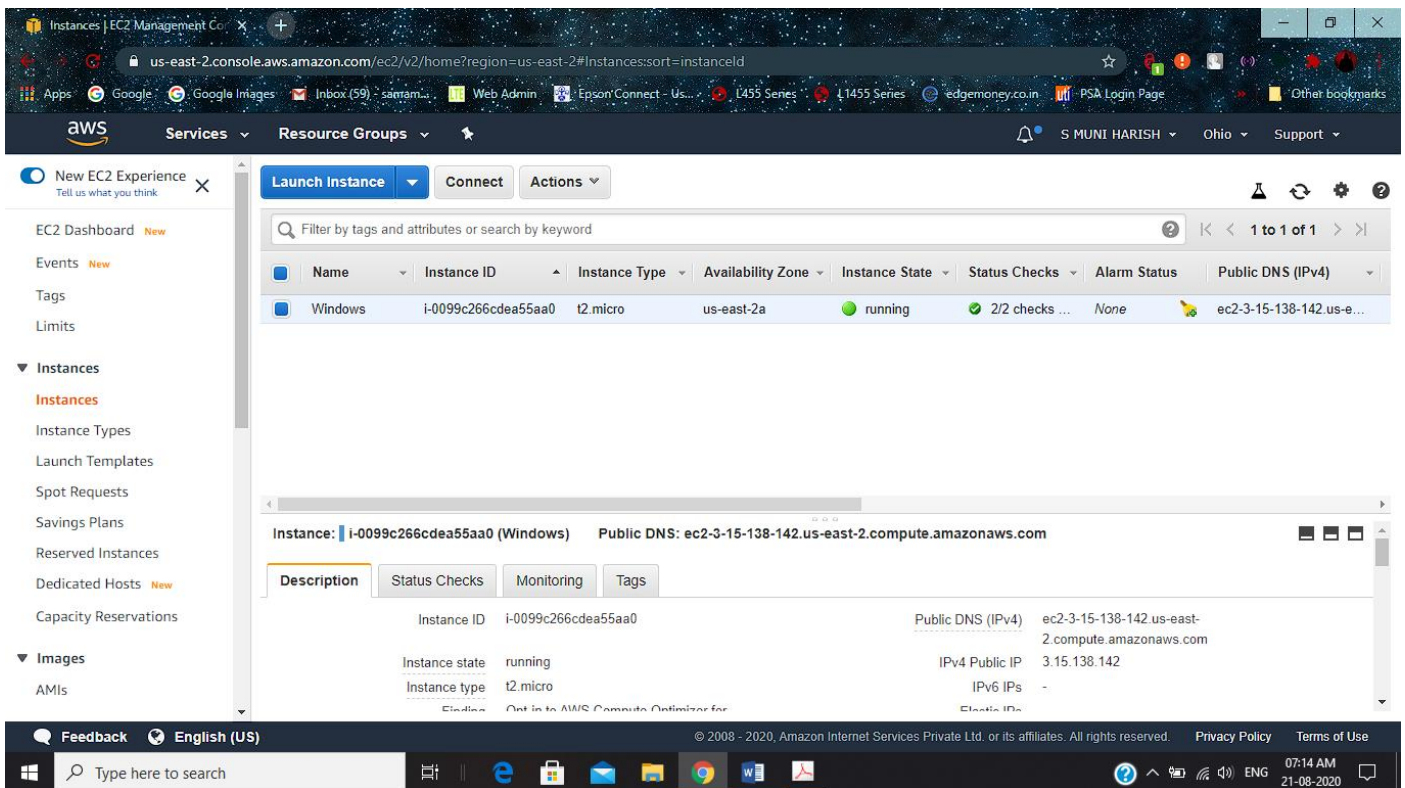
Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

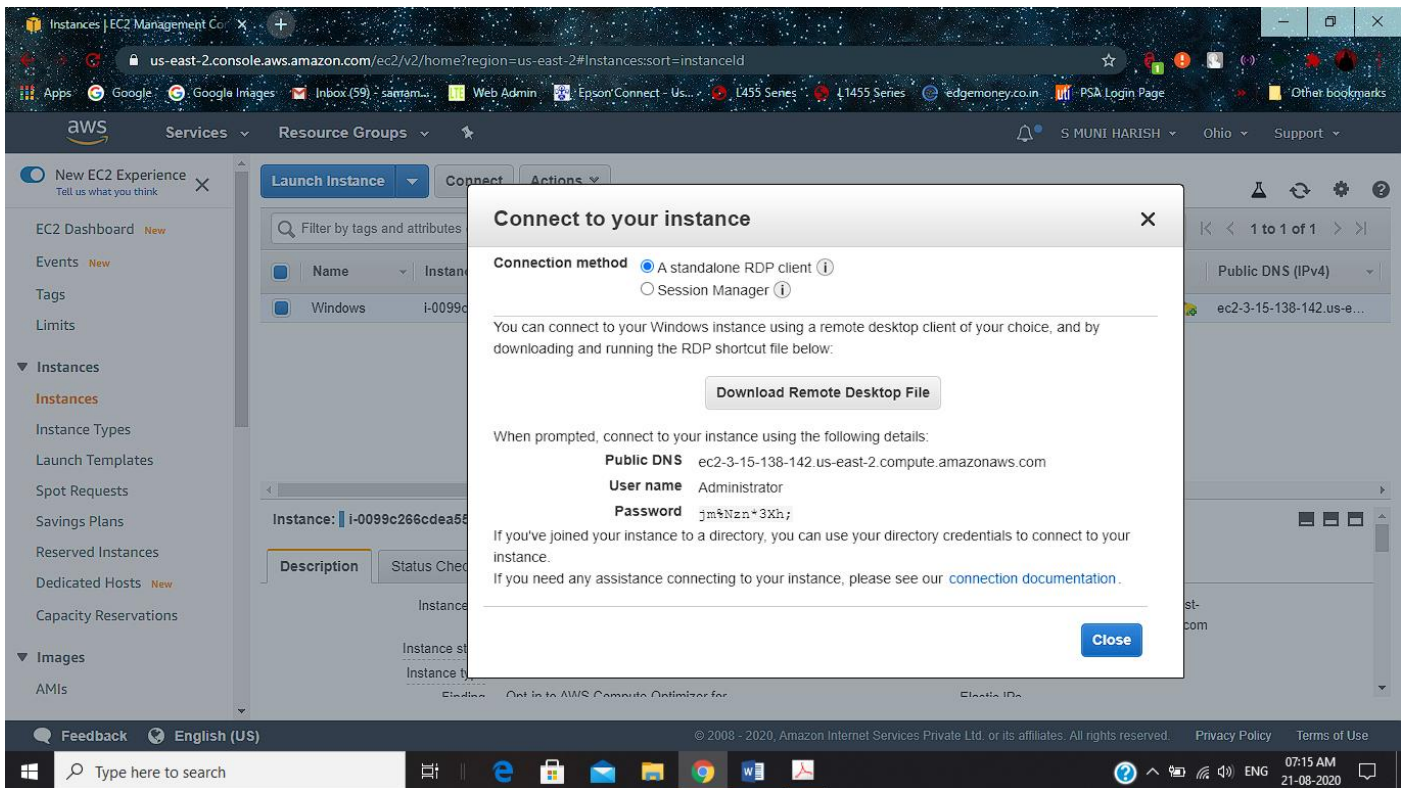
Click **View Instances** to monitor your instances' status. Once your instances are in the **running** state, you can **connect** to them from the Instances screen. [Find out](#) how to connect to your instances.

▼ Here are some helpful resources to get you started

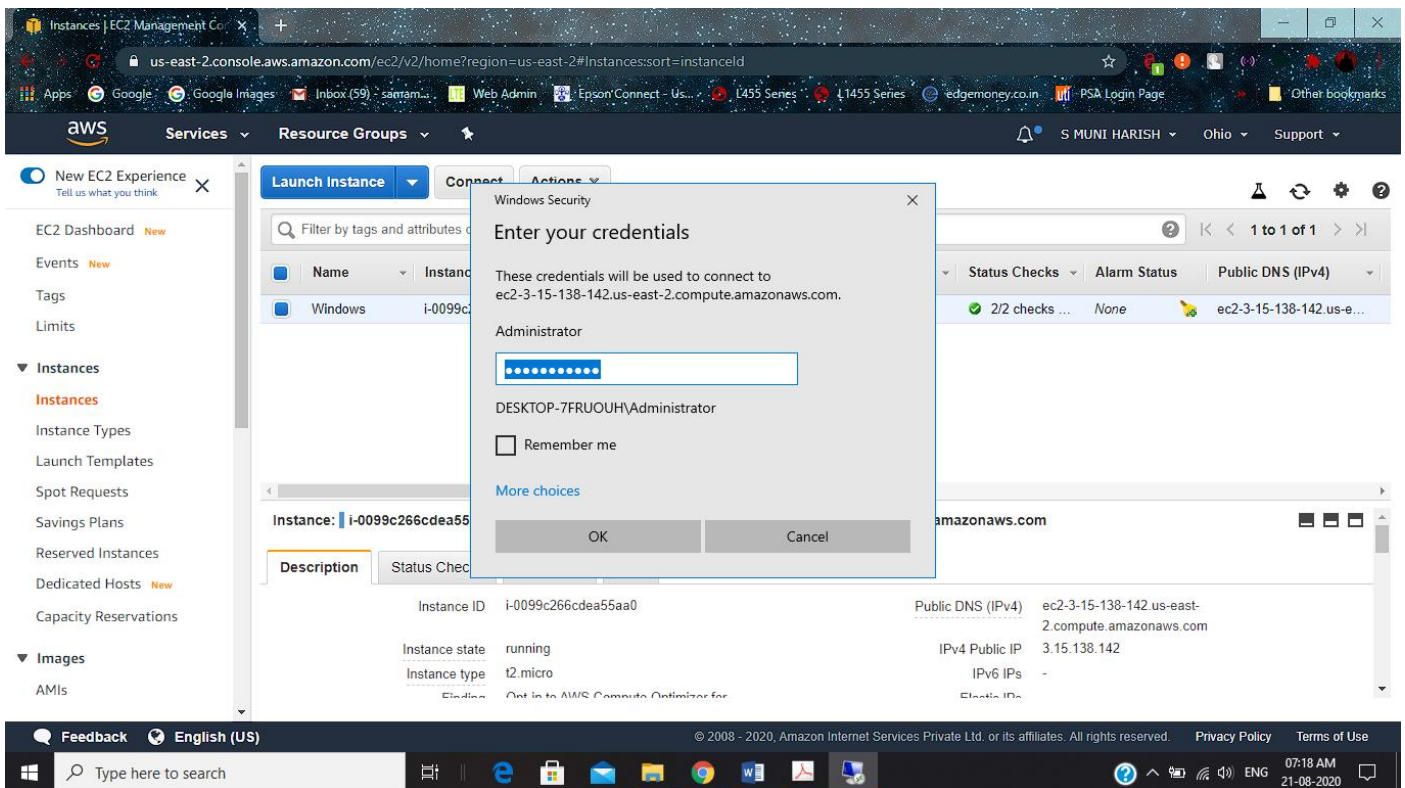
- How to connect to your Windows instance
- Amazon EC2: User Guide
- Learn about AWS Free Usage Tier
- Amazon EC2: Microsoft Windows Guide
- Amazon EC2: Discussion Forum

- Now select and connect and decrypt the password



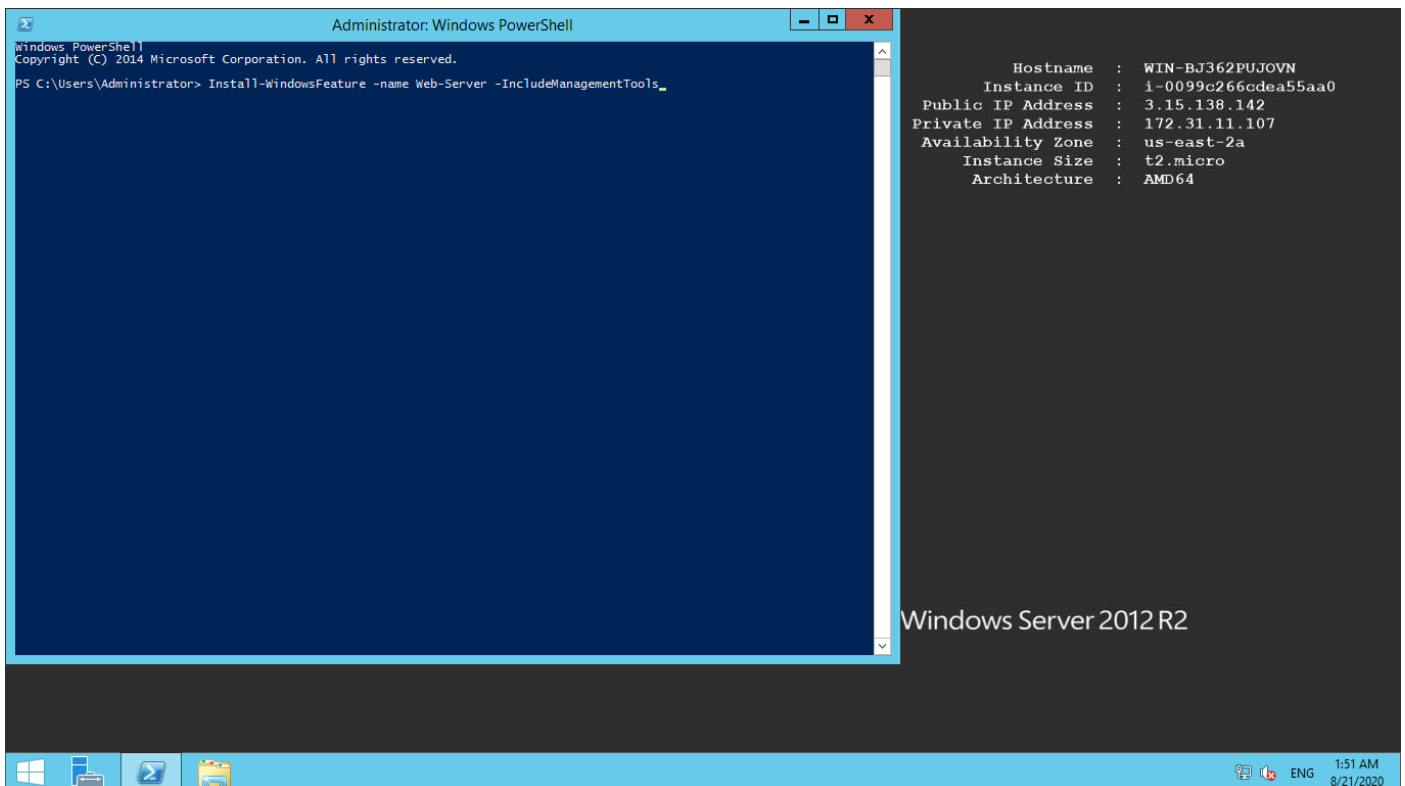


- Open Remote Desktop file and paste the password which is copied in the server instance





- Open the windows Powershell



Administrator: Windows PowerShell

Windows PowerShell
Copyright (C) 2014 Microsoft Corporation. All rights reserved.
PS C:\Users\Administrator> Install-WindowsFeature -name Web-Server -IncludeManagementTools
Success Restart Needed Exit Code Feature Result

True No Success {Common HTTP Features, Default Document, D...
WARNING: Windows automatic updating is not enabled. To ensure that your newly-installed role or feature is automatically updated, turn on Windows Update.
PS C:\Users\Administrator> _

Hostname : WIN-BJ362PUJOVN
Instance ID : i-0099c266cdea55aa0
Public IP Address : 3.15.138.142
Private IP Address : 172.31.11.107
Availability Zone : us-east-2a
Instance Size : t2.micro
Architecture : AMD64

Windows Server 2012 R2

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- Final Verification Step

Instances | EC2 Management Console | JIS Windows Server

Not secure 3.15.138.142

Google, Google Images, Inbox (59), sairam..., Web Admin, Epson Connect - Us..., L455 Series, L455 Series, edgemoney.co.in, PSA Login Page, Other bookmarks

Windows Server

Internet Information Services

Welcome, Bienvenue, Tervetuloa, ようこそ, Benvenuto, 歡迎, Bem-vindo, Bienvenido, Hoş geldiniz, ברוכים הבאים, Welkom, Vitejte, Καλώς ορίσατε, Välkommen, 환영합니다, Добро пожаловать, Üdvözlünk, Willkommen, Velkommen, Witamy

Microsoft

Type here to search

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