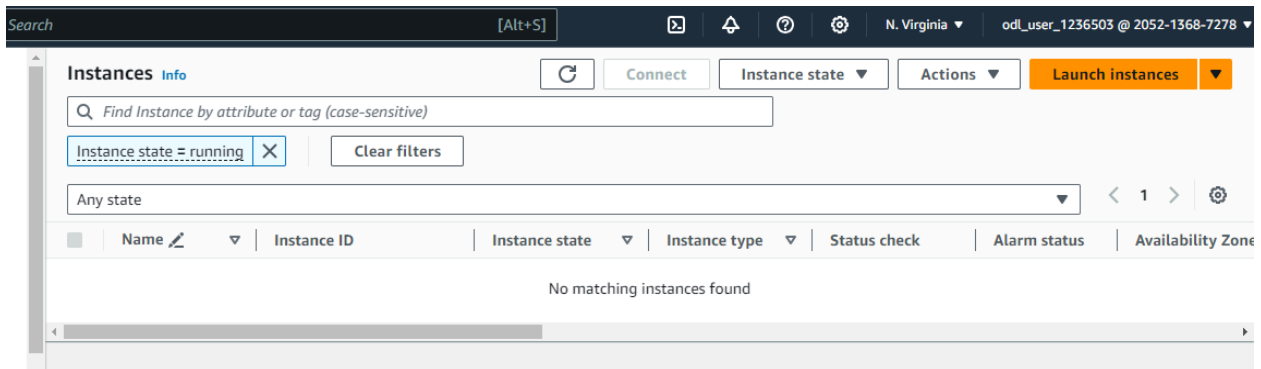
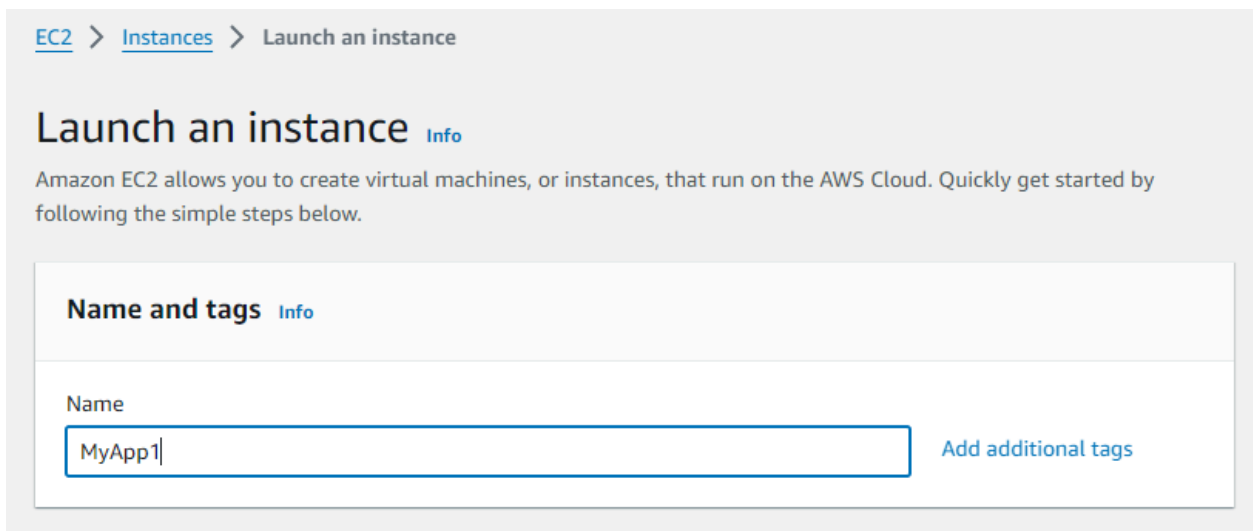


Create EC2 Instance

Go to Amazon Console and click on Instances.




Click On Launch Instances.





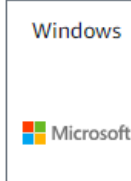



Select Amazon Linux


▼ Application and OS Images (Amazon Machine Image) [Info](#)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

 Search our full catalog including 1000s of application and OS images

Quick Start




[Browse more AMIs](#)
Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Amazon Linux 2023 AMI

ami-0440d3b780d96b29d (64-bit (x86), uefi-preferred) / ami-0f93c02efd1974b8b (64-bit (Arm), uefi)
Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible ▼

Instance Type t2.micro

▼ Instance type [Info](#) | [Get advice](#)

Instance type

t2.micro

Free tier eligible

Family: t2 1 vCPU 1 GiB Memory Current generation: true
On-Demand Windows base pricing: 0.0162 USD per Hour
On-Demand SUSE base pricing: 0.0116 USD per Hour
On-Demand RHEL base pricing: 0.0716 USD per Hour
On-Demand Linux base pricing: 0.0116 USD per Hour

☒ All generations

[Compare instance types](#)


Additional costs apply for AMIs with pre-installed software

▼ Key pair (login) [Info](#)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

Select ▼

 [Create new key pair](#)

If no key pair is available click on Create New Key Pair.

Create key pair ×

Key pair name

Key pairs allow you to connect to your instance securely.

myapp|

The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type

☒ **RSA**
RSA encrypted private and public key pair

☐ **ED25519**
ED25519 encrypted private and public key pair

Private key file format

☒ **.pem**
For use with OpenSSH

☐ **.ppk**
For use with PuTTY

Here we are selecting .pem for connect our system to this AWS instance using Open SSH. If you want to connect using putty software then you can use .ppk generation.


When this key pair is generated then it will download this .pem file to your system. So keep it safe to connect with Instance.

▼ Key pair (login) Info

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

myapp1 ▼

 [Create new key pair](#)

Select that created key value pair.

In Network settings click on Edit button

▼ Network settings Info

Edit

Network Info

vpc-0182d9a7bece4c745

Subnet Info

No preference (Default subnet in any availability zone)

Auto-assign public IP Info

Enable

Firewall (security groups) Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

☒ Create security group

☐ Select existing security group

We'll create a new security group called 'launch-wizard-1' with the following rules:

☒ Allow SSH traffic from

Helps you connect to your instance

Anywhere
0.0.0.0/0 ▼

☐ Allow HTTPS traffic from the internet

To set up an endpoint, for example when creating a web server

instance.

☒ Create security group

☐ Select existing security group

Security group name - *required*

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and ._-:/()#,@[]+=&:{}!\$*

Description - *required* | [Info](#)

Inbound Security Group Rules

▼ Security group rule 1 (TCP, 22, 0.0.0.0/0)

Remove

Type Info	Protocol Info	Port range Info
ssh ▼	TCP	22
Source type Info	Source Info	Description - <i>optional</i> Info
Anywhere ▼	<div>🔍 Add CIDR, prefix list or security</div> <div>0.0.0.0/0 ✕</div>	e.g. SSH for admin desktop

Change the name and description.

Don't change anything in ssh config. Below that there is a button add new Security group click on that.

0.0.0.0/0 ^

⚠️ 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.

✕

Add security group rule

▼ Security group rule 2 (TCP, 80, 0.0.0.0/0, Http Protocol) Remove

Type Info	Protocol Info	Port range Info
HTTP ▼	TCP	80
Source type Info	Source Info	Description - optional Info
Custom ▼	<input type="text" value="Add CIDR, prefix list or security"/> <div>0.0.0.0/0 ✕</div>	Http Protocol

Similarly if you want to add HTTPs again click on Add New Security Groups.

▼ Security group rule 3 (TCP, 443, 0.0.0.0/0, Https port added) Remove

Type Info	Protocol Info	Port range Info
HTTPS ▼	TCP	443
Source type Info	Source Info	Description - optional Info
Custom ▼	<input type="text" value="Add CIDR, prefix list or security"/> <div>0.0.0.0/0 ✕</div>	Https port added

Configure All TCP

▼ Security group rule 4 (TCP, 0-65535, 0.0.0.0/0) Remove

Type Info	Protocol Info	Port range Info
All TCP ▼	TCP	0-65535
Source type Info	Source Info	Description - optional Info
Custom ▼	<input type="text" value="Add CIDR, prefix list or security"/> <div>0.0.0.0/0 ✕</div>	e.g. SSH for admin desktop

Storage Volume Keep 8 only Later on we will mount volume if needed.

▼ Configure storage

Info

Advanced

1x

8

GiB

gp3

▼

Root volume (Not encrypted)

📘

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage

✕

Add new volume

🕒

Click refresh to view backup information

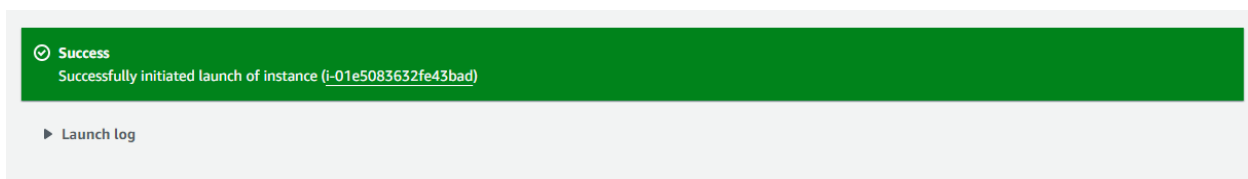
The tags that you assign determine whether the instance will be backed up by any Data Lifecycle Manager policies.

↻

0 x File systems

Edit

Check the Summary and then click on Launch Instance.



Click on instance and and you can see the instance details as below like its running or pending state.

Instances (1) Info

↻

Connect

Instance state ▼

Actions ▼

Launch instances ▼

🔍 Find Instance by attribute or tag (case-sensitive)

Instance ID = i-01e5083632fe43bad ✕

Clear filters

Any state ▼ < 1 > ⚙️

<input type="checkbox"/>	Name	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	Availability
<input type="checkbox"/>	MyApp1	i-01e5083632fe43bad	Running	t2.micro	Initializing	View alarms +	us-east-1c