



Launching EC2 Instance


- Created Aws Free tier Account
- Selected region → US east (n. virginia)us-east-1
- Go to the AWS services→select EC2 service
- Select launch Instance→given as below

 Easily size, configure, and deploy Microsoft SQL Server Always On availability groups on AWS using the AWS Launch Wizard for SQL Server. [Learn more](#) 

Launch instance


To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

Launch instance ▼



Migrate a server 

Note: Your instances will launch in the US East (N. Virginia) Region

Scheduled events




Service health

 [AWS Health Dashboard](#) 

Region

US East (N. Virginia)

Status

 This service is operating normally

- Give Name to the instances-→Machine Test
- Select Amazon Machine Image→Amazon Linux
- Select Instance Type→ t2.micro→free tier eligible


Name and tags [Info](#)

Name

[Add additional tags](#)

▼ 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

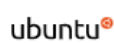
Recents

Quick Start

Amazon
Linux



Ubuntu



Windows



Red Hat



SUSE Linux



[Browse more AMIs](#)

Including AMIs from
AWS, Marketplace and
the Community

Amazon Machine Image (AMI)

Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type
ami-0cff7528ff583bf9a (64-bit (x86)) / ami-00bf5f1c358708486 (64-bit (Arm))
Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible



▼ Instance type [Info](#)

Instance type

t2.micro

Free tier eligible

[Compare instance types](#)

Family: t2 1 vCPU 1 GiB Memory

On-Demand Linux pricing: 0.0116 USD per Hour

On-Demand Windows pricing: 0.0162 USD per Hour

- Create KeyPair
- Select Key pair name, type and format
- Click on keypair Button

Create key pair



Key pairs allow you to connect to your instance securely.

Enter the name of the key pair below. When prompted, store the private key in a secure and accessible location on your computer. **You will need it later to connect to your instance.** [Learn more](#)

Key pair name

Enter key pair name

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 (Not supported for Windows instances)

Private key file format



.pem

For use with OpenSSH



.ppk

For use with PuTTY

Cancel

Create key pair

- Select default vpc
- Select Subnet→no preferences
- Auto assign Public IP→enable

▼ **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*

Machine Test ▼

 [Create new key pair](#)

▼ **Network settings**

VPC - *required* [Info](#)

vpc-0f9e5bc8199bd1414
172.31.0.0/16


(default) ▼



Subnet [Info](#)

No preference ▼



[Create new subnet](#)


Auto-assign public IP [Info](#)

Enable ▼

- Create security group→securitygroup
- Select inbound rules→select type→all traffic→source type→anywhere

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

Security group name - *required*

securitygroup

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](#)

launch-wizard created 2022-07-16T09:09:45.605Z

Inbound security groups rules

- ▼ Security group rule 1 (All, All, 0.0.0.0/0)

Remove

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

- Click on Launch Instance

New EC2 Experience

Tell us what you think

EC2 Dashboard

EC2 Global View

Events

Tools

Instances (1) Info

Search

Refresh

Connect

Instance state

Actions

Launch instances

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IP
<input type="checkbox"/>	Machine Test	i-013577ee426b079bb	Running	t2.micro	2/2 checks passed	No alarms	us-east-1a	-	-