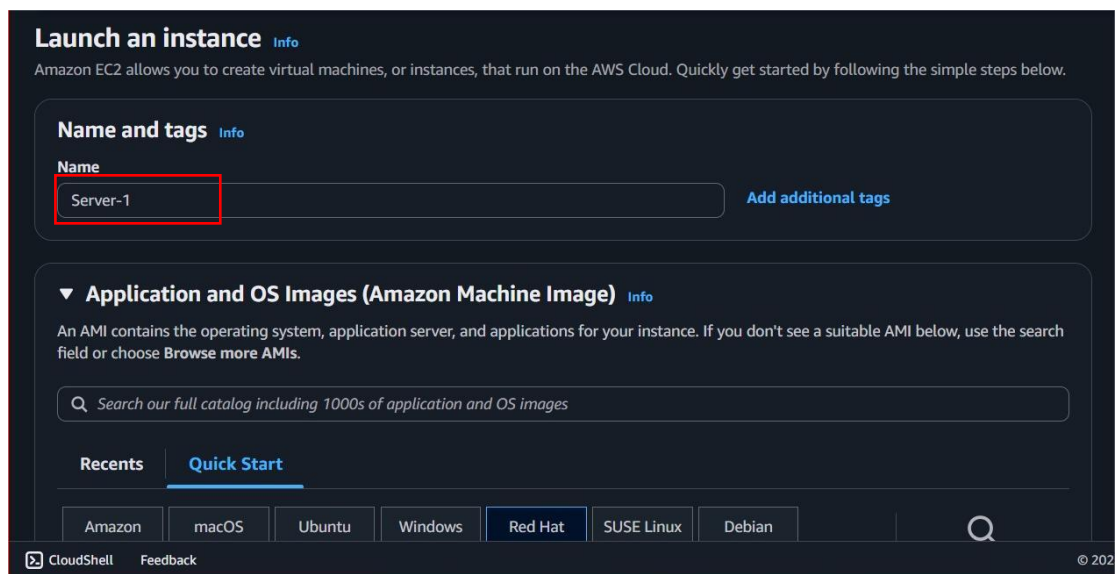


- **Launching First EC2 Instance :-**

1. Click on Launch instance :



2. Give name to instance



### 3. ChooseAMI :

EC2 > Instances > Launch an instance

aws Mac ubuntu Microsoft Red Hat SUSE Linux Enterprise Server Debian

Including AMIs from AWS, Marketplace and the Community

**Amazon Machine Image (AMI)**

Red Hat Enterprise Linux 10 (HVM), SSD Volume Type Free tier eligible

ami-0cf8ec67f4b13b491 (64-bit (x86)) / ami-0ead9c99ebd6abd63 (64-bit (Arm))

Virtualization: hvm ENA enabled: true Root device type: ebs

**Description**

Red Hat Enterprise Linux version 10 (HVM), EBS General Purpose (SSD) Volume Type

Provided by Red Hat, Inc.

**Architecture** **AMI ID** **Publish Date** **Username** **Verified provider**

64-bit (x86) ami-0cf8ec67f4b13b491 2025-08-01 ec2-user

**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: 0.017 USD per Hour

On-Demand RHEL base pricing: 0.0268 USD per Hour On-Demand Linux base pricing: 0.0124 USD per Hour

☐ All generations

### 4 Select Key-Pair & Choose Subnet (AZ)

aws Search [Alt+S]

EC2 > Instances > Launch an 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**

For\_linux Create new key pair

**Network settings** [Info](#)

**VPC - required** [Info](#)

vpc-0e13c49caaf5bd708 (default) Create new VPC

172.31.0.0/16

**Subnet** [Info](#)

subnet-0f6b59ecb48425c98 Create new subnet

VPC: vpc-0e13c49caaf5bd708 Owner: 861738659877

Availability Zone: ap-south-1a (aps1-az1) Zone type: Availability Zone

IP addresses available: 4091 CIDR: 172.31.32.0/20

**Auto-assign public IP** [Info](#)

Enable

Additional charges apply when outside of free tier allowance

## 5.Choose Security Group :

The screenshot shows the AWS Management Console interface for launching an EC2 instance. The top navigation bar includes the AWS logo, a search bar, and a [Alt+S] shortcut. The breadcrumb trail indicates the path: EC2 > Instances > Launch an instance.

The main content area is divided into two sections:

- Firewall (security groups)**: This section explains that a security group is a set of firewall rules. It offers two options: "Create security group" (unselected) and "Select existing security group" (selected). Below this, a dropdown menu labeled "Select security groups" shows a list of common security groups, including "default" and "sg-0f0bf8395514e6e77". A "Compare security group rules" button is also present.
- Configure storage**: This section shows the configuration for the root volume. It displays "1x" volume of "10" GiB with "gp3" storage type. A note indicates that free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. An "Add new volume" button is located at the bottom of this section.

## 6. Click on Launch instance :

### ▼ Summary

Number of instances [Info](#)

1

**Software Image (AMI)**  
Provided by Red Hat, Inc.  
ami-0cf8ec67f4b13b491

**Virtual server type (instance type)**  
t2.micro

**Firewall (security group)**  
default

**Storage (volumes)**  
1 volume(s) - 10 GiB

**Free tier:** In your first year of opening an AWS account, you get 750 hours per month of

[Cancel](#)[Launch instance](#)[Preview code](#)

## 7. Finally Launched instance :

Instances (1) <a href="#">Info</a>								
Find Instance by attribute or tag (case-sensitive)			All states ▼		< 1 > ⚙			
<input type="checkbox"/>	Name <a href="#">↗</a> ▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	Availability Zone ▼	Public IP
<input type="checkbox"/>	Server-1	i-0c32b5fa33f777668	<span>Running</span> <a href="#">🔍</a> <a href="#">🔍</a>	t2.micro	<span>2/2 checks passed</span> <a href="#">View alarms +</a>		ap-south-1a	ec2-13-1...