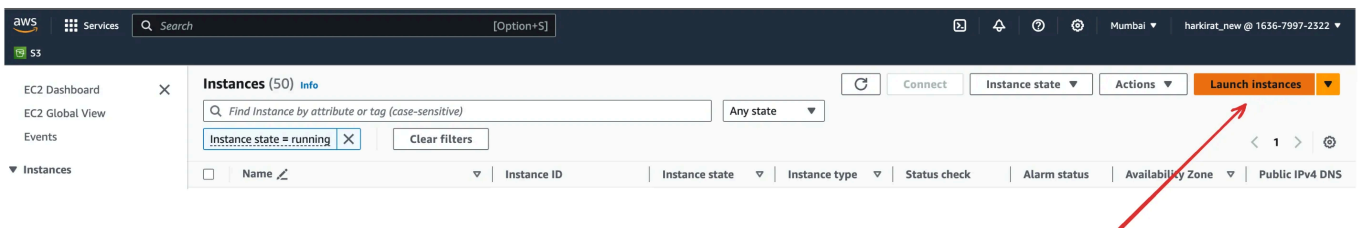


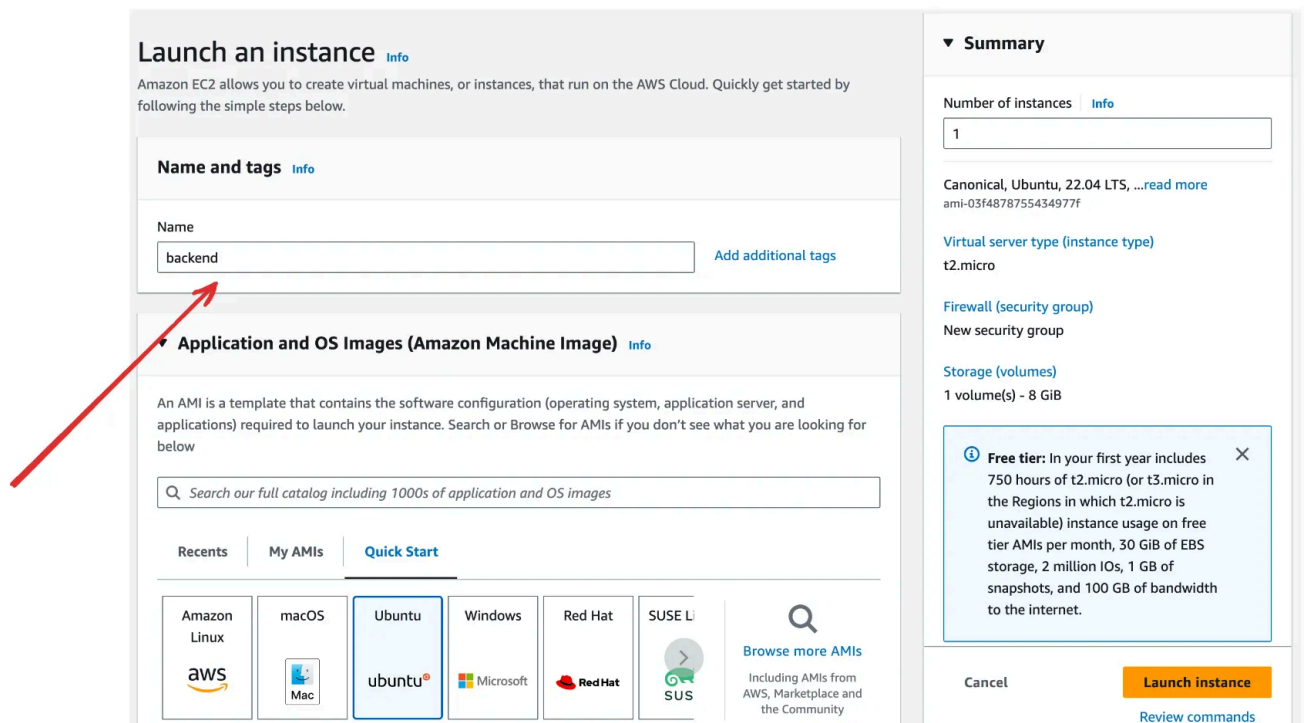


Step 3 – Creating a new EC2 server

1. Click on **Launch a new instance**



2. Give a name



3. Select an OS



Hold Cmd and Double-click or press Cmd + Enter to edit points

Launch an instance

Amazon EC2 all AWS services that you can use to launch instances on the AWS Cloud. Quickly get started by following the simple steps below.

Name and tags

Name: backend Add additional tags

Application and OS Images (Amazon Machine Image)

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 My AMIs Quick Start

Amazon Linux macOS Ubuntu Windows Red Hat SUSE Linux

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Summary

Number of instances: 1

Canonical, Ubuntu, 22.04 LTS, ...read more
ami-03f4878755434977f

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

Cancel Launch instance Review commands

4. Select size

Instance type

t2.micro Free tier eligible

Family: t2 1 vCPU 1 GiB Memory Current generation: true

On-Demand Linux base pricing: 0.0124 USD per Hour

On-Demand Windows base pricing: 0.017 USD per Hour

On-Demand RHEL base pricing: 0.0724 USD per Hour

On-Demand SUSE base pricing: 0.0124 USD per Hour

Get advice on instance type selection...

t2.nano

Family: t2 1 vCPU 0.5 GiB Memory Current generation: true

On-Demand SUSE base pricing: 0.0062 USD per Hour

On-Demand Linux base pricing: 0.0062 USD per Hour

On-Demand Windows base pricing: 0.0085 USD per Hour

t2.micro Free tier eligible

Family: t2 1 vCPU 1 GiB Memory Current generation: true

On-Demand Linux base pricing: 0.0124 USD per Hour

On-Demand Windows base pricing: 0.017 USD per Hour

On-Demand RHEL base pricing: 0.0724 USD per Hour

On-Demand SUSE base pricing: 0.0124 USD per Hour

t2.small

Family: t2 1 vCPU 2 GiB Memory Current generation: true

On-Demand SUSE base pricing: 0.0548 USD per Hour

On-Demand Linux base pricing: 0.0248 USD per Hour

On-Demand RHEL base pricing: 0.0848 USD per Hour

On-Demand Windows base pricing: 0.034 USD per Hour

t2.medium

Family: t2 2 vCPU 4 GiB Memory Current generation: true

On-Demand Linux base pricing: 0.0496 USD per Hour

On-Demand Windows base pricing: 0.0676 USD per Hour

On-Demand RHEL base pricing: 0.1096 USD per Hour

On-Demand SUSE base pricing: 0.1496 USD per Hour

t2.large

Auto-assign public IP: Enable

Summary

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Canonical, Ubuntu, 22.04 LTS, ...read more
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New security group

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Cancel Launch instance Review commands

5. Create a new Key pair

☰

AWS Deploying (EC2) 3 of 8

▼ 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

⚠ Please choose a key pair or choose the option to proceed with a key pair

▼ Summary

Number of instances Info

1

Canonical, Ubuntu, 22.04 LTS, ...[read more](#)

ami-03f4878755434977f

Virtual server type (instance type)

t2.micro

6. Select Size

▼ Configure storage Info Advanced

1x 8 GiB gp2 ▼ 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

► Advanced details Info

Canonical, Ubuntu, 22.04 LTS, ...[read more](#)

ami-03f4878755434977f

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750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

Cancel

Launch instance

[Review commands](#)

7. Allow traffic on http/https

<https://projects.100xdevs.com/tracks/g0AcDSPI74nk45ZZjRdU/aws-3>

3/4

Select

Create new key pair

Network settings

AWS Deploying (EC2)

3 of 8

Edit

Network

Info

vpc-bdc9c2d5 | VPC-Live

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-82' with the following rules:

Allow SSH traffic from

Helps you connect to your instance

Anywhere

0.0.0.0/0, ::/0

Allow HTTPS traffic from the internet

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

Allow HTTP traffic from the internet

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

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.

Summary

Number of instances

Info

1

Canonical, Ubuntu, 22.04 LTS, ...read more

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Cancel

Launch instance

Review commands