

Crea una instancia EC2 t2.micro en tu VPC con 8 GB de almacenamiento GP2 en la region Paris

EC2 > Instances > Launch an instance

Launch an instance

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

▼ Name and tags

Key

Value

Resource types

Q Name

×

Q pjsanchez

×

Select resource ty... ▼

×

Instances

×

Volumes

×

Show all selected (+2)

Key

Value

Resource types

Q Nombre

×

Q pjsanchez

×

Select resource ty... ▼

×

Instances

×

Volumes

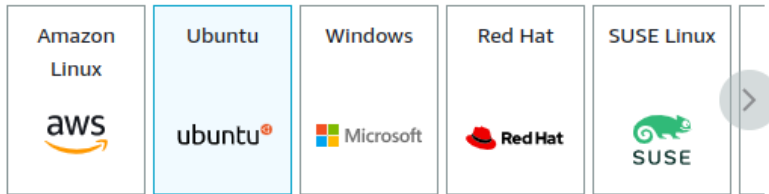
×


Show all selected (+2)

Add tag

48 remaining (Up to 50 tags maximum)

Quick Start




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

Amazon Machine Image (AMI)

Ubuntu Server 22.04 LTS (HVM), SSD Volume Type

Free tier eligible ▼

ami-0afd55c0c8a52973a (64-bit (x86)) / ami-018f1f24aa26232bc (64-bit (Arm))

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

Description

Canonical, Ubuntu, 22.04 LTS, amd64 jammy image build on 2023-01-15

Architecture

AMI ID

64-bit (x86) ▼

ami-0afd55c0c8a52973a

Verified provider

▼ Instance type [Info](#)

Instance type

t2.micro

Free tier eligible

Family: t2 1 vCPU 1 GiB Memory

On-Demand RHEL pricing: 0.0732 USD per Hour

On-Demand SUSE pricing: 0.0132 USD per Hour

On-Demand Linux pricing: 0.0132 USD per Hour

On-Demand Windows pricing: 0.0178 USD per Hour

[Compare instance types](#)

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

The name can include upto 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

▼ Network settings [Info](#)

VPC - *required* [Info](#)

vpc-01780a87d33509089 (pjsanchez-vpc) ▼



Subnet [Info](#)

subnet-04c01c9e8ec33b4c3 pjsanchez-subnet-public1-eu-west-3a ▼
VPC: vpc-01780a87d33509089 Owner: 006921246751
Availability Zone: eu-west-3a IP addresses available: 251 CIDR: 10.0.5.0/24)



[Create new subnet](#)

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

Security group name - *required*

pjsanchez-security-group

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](#)

pjsanchez-security-group created 2023-02-03T11:03:19.108Z

Inbound security groups rules

▼ Security group rule 1 (TCP, 22, 213.0.57.163/32, SSH from Devcenter)

Remove

Type [Info](#)

ssh ▼

Protocol [Info](#)

TCP

Port range [Info](#)

22

Source type [Info](#)

My IP ▼

Name [Info](#)

Add CIDR, prefix list or security
213.0.57.163/32 ✕

Description - *optional* [Info](#)

SSH from Devcenter

▼ **Storage (volumes)** [Info](#)

[Simple](#)

EBS Volumes

[Hide details](#)

▼ **Volume 1 (AMI Root) (Custom)**

Storage type [Info](#)

EBS

Device name - *required* [Info](#)

/dev/sda1

Snapshot [Info](#)

snap-073324a5a3e5a1816

Size (GiB) [Info](#)

8

Volume type [Info](#)

gp2

IOPS [Info](#)

100 / 3000

Delete on termination [Info](#)

No

Encrypted [Info](#)

Not encrypted

KMS key [Info](#)

Select

KMS keys are only applicable when encryption is set on this volume.

Instance auto-recovery [Info](#)

Select

Shutdown behavior [Info](#)

Stop

Stop - Hibernate behavior [Info](#)

Select

Termination protection [Info](#)

Enable

Stop protection [Info](#)

Select

Detailed CloudWatch monitoring [Info](#)

Select

```

bootuser@bootcamp01:~/.ssh$ ssh ubuntu@15.237.72.167 -i pjsanchez_ubuntu_aws.pem
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
@                WARNING: UNPROTECTED PRIVATE KEY FILE!                @
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
Permissions 0664 for 'pjsanchez_ubuntu_aws.pem' are too open.
It is required that your private key files are NOT accessible by others.
This private key will be ignored.
Load key "pjsanchez_ubuntu_aws.pem": bad permissions
ubuntu@15.237.72.167: Permission denied (publickey).
bootuser@bootcamp01:~/.ssh$ ssh ubuntu@15.237.72.167 -i pjsanchez_ubuntu_aws.p^C
bootuser@bootcamp01:~/.ssh$ ^C
bootuser@bootcamp01:~/.ssh$ chmod 400 pjsanchez_ubuntu_aws.pem
bootuser@bootcamp01:~/.ssh$ ssh ubuntu@15.237.72.167 -i pjsanchez_ubuntu_aws.pem
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-1028-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Fri Feb  3 11:15:54 UTC 2023

System load:  0.0458984375      Processes:           98
Usage of /:   19.7% of 7.57GB   Users logged in:    0
Memory usage: 20%              IPv4 address for eth0: 10.0.5.252
Swap usage:   0%

0 updates can be applied immediately.

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

```

Tema de la IP elastica

Allocate Elastic IP address [Info](#)

Elastic IP address settings [Info](#)

Public IPv4 address pool

- ☒ Amazon's pool of IPv4 addresses
- ☐ Public IPv4 address that you bring to your AWS account (option disabled because no pools found) [Learn more](#)
- ☐ Customer owned pool of IPv4 addresses (option disabled because no customer owned pools found) [Learn more](#)

Global static IP addresses

AWS Global Accelerator can provide global static IP addresses that are announced worldwide using anycast from AWS edge locations. This can help improve the availability and latency for your user traffic by using the Amazon global network. [Learn more](#)

Create accelerator

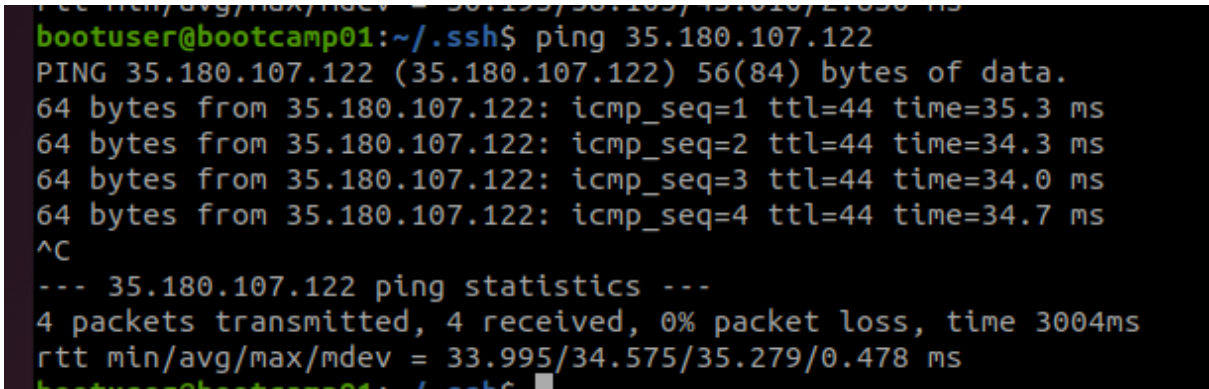
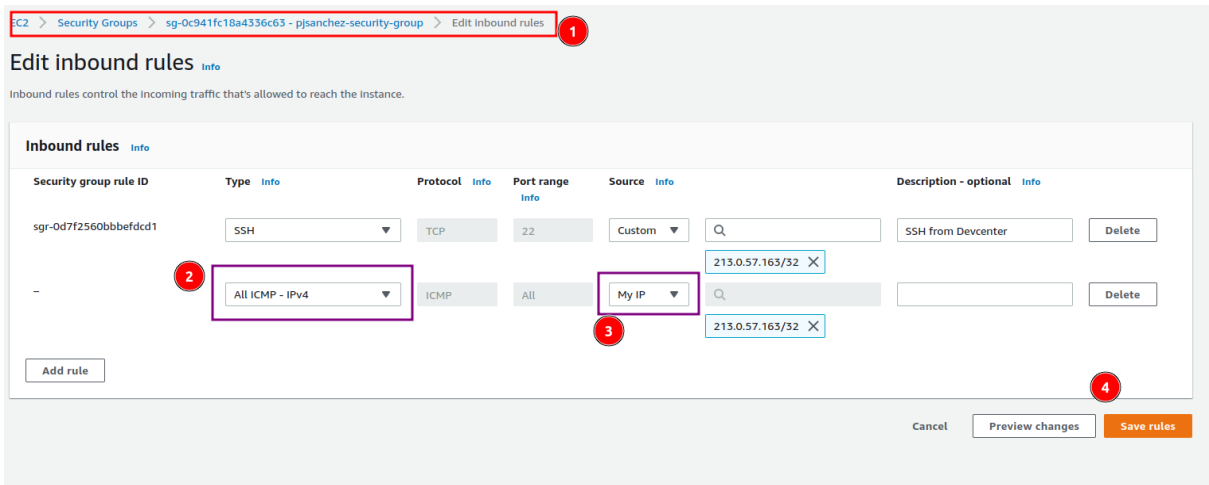
Tags - optional

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

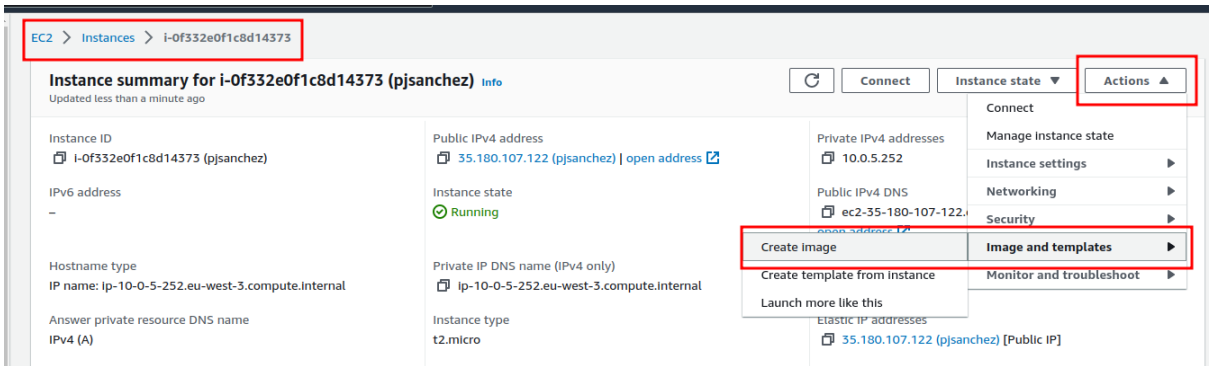
Key	Value - optional	
<input type="text" value="Nombre"/>	<input type="text" value="pjsanchez"/>	<input type="button" value="Remove"/>
<input type="text" value="Name"/>	<input type="text" value="pjsanchez"/>	<input type="button" value="Remove"/>

You can add up to 48 more tag

Tema del PING



Crear una AMI



EC2 > AMIs > ami-0cfc54396d8261282

Image summary for ami-0cfc54396d8261282 (pjsanchez)

EC2 Image Builder

Actions **Launch instance from AMI**

- Copy AMI
- Edit AMI permissions
- Request Spot Instances
- Manage tags
- Deregister AMI
- Change description
- Manage image optimization
- Manage AMI Deprecation
- Register instance store-backed AMI
- RAM disk ID

AMI ID	ami-0cfc54396d8261282 (pjsanchez)	Image type	machine	Platform details	Linux/UNIX
AMI name	pjsanchez	Owner account ID	006921246751	Architecture	x86_64
Root device name	/dev/sda1	Status	Available	Source	006921246751/pjsanchez
Boot mode	-	State reason	-	Creation date	Fri Feb 03 2023 12:26:14 GMT+0100 (hora estándar de Europa central)
Block devices	/dev/sda1=snap-0578e5871f8ee628a:8:false:gp2 /dev/sdb=ephemeral0 /dev/sdc=ephemeral1	Description	pjsanchez	Product codes	-
Deprecation time	-	Last launched time	-		

AMI copy operation for ami-0cfc54396d8261282 initiated
It can take a few minutes for the AMI to be copied. You can check the progress of the operation in the AMI table in [eu-central-1](#). The AMI ID of the new AMI is ami-06a8d4685e0a0754c.

[Alt+S] Frankfurt pjsanchez@devcenter.es @ devcenter-bootc

Amazon Machine Images (AMIs) (1) Info

Owned by me Find AMI by attribute or tag

AMI ID = ami-06a8d4685e0a0754c Clear filters

AMI ID	AMI name	Source	Owner	Visibility	Status	Creation
ami-06a8d4685e0a0754c	pjsanchez	006921246751/pjsanchez	006921246751	Private	Pending	2023/0

eu-central-1.console.aws.amazon.com/ec2/v2/home?region=eu-central-1#LaunchInstances:ami=ami-06a8d4685e0a0754c

Launch an instance Info

Amazon EC2 allows you to create virtual machines, or Instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

Name and tags Info

Key Info: Name

Value Info: pjsanchez

Resource types Info: Instances, Volumes

Show all selected (+3)

Summary

Number of Instances: 1

Software Image (AMI): [Copied ami-0cfc54396d8261282 ...read more ami-06a8d4685e0a0754c]

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 I/Os, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

Cancel Launch instance

▼ 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

[AMI from catalog](#)

[My AMIs](#)

[Quick Start](#)

Amazon Machine Image (AMI)

pjsanchez

ami-06a8d4685e0a0754c

Published

2023-02-03T11:32:22.000Z

Architecture

x86_64

Virtualization

hvm

Root device type
ebs

ENA Enabled

Yes



[Browse more AMIs](#)

Including AMIs from AWS, Marketplace and the Community

Inbound security groups rules

▼ Security group rule 1 (TCP, 22, 213.0.57.163/32, SSH from Devcenter)

[Remove](#)

Type [Info](#)

ssh

Protocol [Info](#)

TCP


Port range [Info](#)

22

Source type [Info](#)

My IP

Name [Info](#)

 Add CIDR, prefix list or security

213.0.57.163/32

Description - optional [Info](#)

SSH from Devcenter

[Add security group rule](#)

► Advanced network configuration

▼ Storage (volumes) [Info](#)

[Simple](#)

EBS Volumes

[Hide details](#)

▼ Volume 1 (AMI Root)

Storage type [Info](#)

EBS

Device name - required [Info](#)

/dev/sda1

Snapshot [Info](#)

snap-0a5ffeb0168ae94d4

Size (GiB) [Info](#)

8

Volume type [Info](#)

gp2

IOPS [Info](#)

100 / 3000

Delete on termination [Info](#)

No

Encrypted [Info](#)

Not encrypted

KMS key [Info](#)

Select

▼ Summary

Number of instances [Info](#)

1

[Software Image \(AMI\)](#)

[Copied ami-0cfc54396d8261282 ...read more
ami-06a8d4685e0a0754c

[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](#)

Una vez lanzas la instancia, y te conectas, se observa el tema de que hemos movido/copiado el disco.

```

bootuser@bootcamp01:~/.ssh$ ssh ubuntu@3.67.218.157 -i pjsanchez-frankfurt.pem
The authenticity of host '3.67.218.157 (3.67.218.157)' can't be established.
ED25519 key fingerprint is SHA256:QHoZiabbiFqGNdsZtaGvXQku5qc0YKvc1VgKRBty2Vc.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '3.67.218.157' (ED25519) to the list of known hosts.
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-1028-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Fri Feb  3 11:49:32 UTC 2023

System load:  0.41845703125      Processes:           105
Usage of /:   19.9% of 7.57GB    Users logged in:     0
Memory usage: 19%               IPv4 address for eth0: 10.0.0.7
Swap usage:   0%

0 updates can be applied immediately.

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

Last login: Fri Feb  3 11:15:55 2023 from 213.0.57.163
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-10-0-0-7:~$ ls
ubuntu@ip-10-0-0-7:~$ ls -laht
total 32K
drwxr-x--- 4 ubuntu ubuntu 4.0K Feb  3 11:18 .
-rw----- 1 ubuntu ubuntu  14 Feb  3 11:18 .bash_history
drwx----- 2 ubuntu ubuntu 4.0K Feb  3 11:15 .cache
drwx----- 2 ubuntu ubuntu 4.0K Feb  3 11:12 .ssh
drwxr-xr-x 3 root  root  4.0K Feb  3 11:12 ..
-rw-r--r-- 1 ubuntu ubuntu 220 Jan  6 2022 .bash_logout
-rw-r--r-- 1 ubuntu ubuntu 3.7K Jan  6 2022 .bashrc
-rw-r--r-- 1 ubuntu ubuntu 807 Jan  6 2022 .profile
ubuntu@ip-10-0-0-7:~$

```

Parando instancias

```

bootuser@bootcamp01:~/.ssh$ aws configure
AWS Access Key ID [*****TF6C]:
AWS Secret Access Key [*****zzVc]:
Default region name [eu-west-1]: eu-west-3
Default output format [text]:
bootuser@bootcamp01:~/.ssh$ aws ec2 stop-instances --instance-id i-0f332e0f1c8d14373
STOPPINGINSTANCES    i-0f332e0f1c8d14373
CURRENTSTATE         64      stopping
PREVIOUSSTATE        16      running
bootuser@bootcamp01:~/.ssh$

```