

Examen practico computacion en la nube

1 y 2 creación de Instancia y lanzar una instancia

Instance summary for i-0033203126cf18f01 (demo-ec2-yennyfergomez)

Updated less than a minute ago

Instance ID

i-0033203126cf18f01

IPv6 address

—

Hostname type

IP name: ip-172-31-38-95.ec2.internal

Answer private resource DNS name

—

Auto-assigned IP address

3.85.130.170 [Public IP]

IAM role

—

IMDSv2

Required

Operator

—

Public IPv4 address

3.85.130.170 | open address

Instance state

Running

Private IP DNS name (IPv4 only)

ip-172-31-38-95.ec2.internal

Instance type

t3.micro

VPC ID

vpc-00f479057476a2db8

Subnet ID

subnet-0b2fb6f5da06d9ba4b

Instance ARN

arn:aws:ec2:us-east-1:654654478122:instance/i-0033203126cf18f01

Private IPv4 addresses

172.31.38.95

Public DNS

ec2-3-85-130-170.compute-1.amazonaws.com | open address

Elastic IP addresses

—

AWS Compute Optimizer finding

User: arn:aws:iam::654654478122:user/students/andreas3578@hotmail.com is not authorized to perform: compute-optimizer:GetEnrollmentStatus on resource: * because no identity-based policy allows the compute-optimizer:GetEnrollmentStatus action

Auto Scaling Group name

—

Managed

false

Details

Status and alarms

Monitoring

Security

Networking

Storage

Tags

▼ Instance details

AMI ID

ami-0c1fe732b5494dc14

AMI name

al2023-ami-2023.10.20260202.2-kernel-6.1-x86_64

Stop protection

Disabled

Instance reboot migration

Default (On)

Stop-hibernate behavior

Disabled

State transition reason

—

State transition message

—

Owner

654654478122

Current instance boot mode

uefi

Monitoring

disabled

Allowed image

—

Launch time

Thu Feb 12 2026 19:40:44 GMT-0500 (hora estándar de Colombia) (less than a minute)

Instance auto-recovery

Default

AMI Launch index

0

Credit specification

unlimited

Usage operation

RunInstances

Enclaves Support

Disabled

Allow tags in instance metadata

Disabled

Platform details

Linux/UNIX

Termination protection

Disabled

AMI location

amazon/al2023-ami-2023.10.20260202.2-kernel-6.1-x86_64

Lifecycle

normal

Key pair assigned at launch

key-pair-yennyfergomez

Kernel ID

—

RAM disk ID

—

Boot mode

uefi-preferred

Use RBN as guest OS hostname

Disabled

Details

Status and alarms

Monitoring

Security

Networking

Storage

Tags

▼ Instance details

AMI ID

ami-0c1fe732b5494dc14

AMI name

al2023-ami-2023.10.20260202.2-kernel-6.1-x86_64

Stop protection

Disabled

Instance reboot migration

Default (On)

Stop-hibernate behavior

Disabled

State transition reason

—

State transition message

—

Owner

654654478122

Current instance boot mode

uefi

Answer RBN DNS hostname IPv4

Disabled

▼ Host and placement group

Host ID

—

Host resource group name

—

Virtualization type

hvm

Number of vCPUs

2

▼ Capacity reservation

Capacity Reservation ID

—

Affinity

—

Tenancy

default

Reservation

r-03262273e506410ae

Placement group

—

Placement group ID

—

Partition number

—

Capacity Reservation setting

open

3.conexión de instancia vía SSH

```
Windows PowerShell x ec2-user@ip-172-31-38-95:~ x + v - □ X
```



```
Directorio: C:\Users\andre\Documents
```


Mode	LastWriteTime	Length	Name
-a----	12/02/2026 12:22 p. m.	1678	key-pair-yennyfergomezh.pem

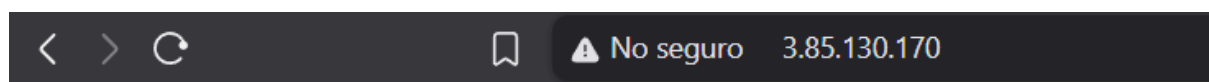

```
PS C:\Users\andre\Documents> ssh -i "key-pair-yennyfergomezh.pem" ec2-user@ec2-3-85-130-170.compute-1.amazonaws.com
The authenticity of host 'ec2-3-85-130-170.compute-1.amazonaws.com (3.85.130.170)' can't be established.
ED25519 key fingerprint is SHA256:cHT+s6eXG80gAlBUUXMuzI6H15CtesnzRGn+OfSHDo.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-3-85-130-170.compute-1.amazonaws.com' (ED25519) to the list of known hosts.
```



```
#_
~\_ #####_ Amazon Linux 2023
~~ \_#####\
~~ \###|
~~ \#/ --- https://aws.amazon.com/linux/amazon-linux-2023
~~ V~' '->
~~~
~~.-.-
~~-/ -/_/
~/m/'
```



```
[ec2-user@ip-172-31-38-95 ~]$ |
```




It works!



LOAD TEST		RDS	
Meta-Data		Value	
InstanceId		i-0033203126cf18f01	
Availability Zone		us-east-1d	

Current CPU Load: 6%

4. EBS con TAGs

 create volume

Volume type [Info](#)

General Purpose SSD (gp3)

Size (GiB) [Info](#)

1

Min: 1 GiB, Max: 65536 GiB.

IOPS [Info](#)

3000

Min: 3000 IOPS, Max: 80000 IOPS.

Throughput (MiB/s) [Info](#)

125


Min: 125 MiB, Max: 2000 MiB. Baseline: 125 MiB/s.

Availability Zone [Info](#)

use1-az1 (us-east-1a)

Snapshot ID - optional [Info](#)

Don't create volume from a snapshot



Encryption [Info](#)

Use Amazon EBS encryption as an encryption solution for your EBS resources associated with your EC2 instances.

☐ Encrypt this volume

Tags - optional [Info](#)

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

Q name

X

Q Environment

X

Value - optional

Q Examen Practico

X

Q Yennyfer Andrea Gomez

X

Remove

Remove

Add new tag

Attach volume

vol-0fa21e60354cbe9b7

Attach volume

Attach a volume to an instance to use it as you would a regular physical hard disk drive.

Basic details

Volume ID

vol-0fa21e60354cbe9b7

Availability Zone

use1-az6 (us-east-1d)

Instance

i-0033203126cf18f01

(demo-ec2-yennyfergomezh) (running)

Device name

Select a device name

Recommended device names for Linux: /dev/xvda for root volume, /dev/sd[f-p] for data volumes.

Successfully attached volume vol-0fa21e60354cbe9b7 to instance i-0033203126cf18f01.

Volumes (48)

Recycle Bin

Actions

Create volume

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID	Source volume ID	Created	Availability Zone	Volume state
examen-caliche	vol-0eb191260c4543b65	gp3	8 GiB	3000	125	snap-0698578...	-	2026/02/12 19:46 GMT-5	use1-az1 (us-east-1a)	In-use
instance-Andr...	vol-0db62270c95f04c5e	gp3	8 GiB	3000	125	snap-0698578...	-	2026/02/12 20:30 GMT-5	use1-az3 (us-east-1e)	In-use
pabloz	vol-04124da24dd42510	gp3	8 GiB	3000	125	snap-0698578...	-	2026/02/12 19:56 GMT-5	use1-az1 (us-east-1a)	In-use
	vol-005ab07de9df0a96d	gp3	3 GiB	3000	125	-	-	2026/02/12 20:22 GMT-5	use1-az4 (us-east-1c)	In-use
	vol-0a744c8eb10575ef2	gp3	8 GiB	3000	125	snap-0698578...	-	2026/02/12 19:48 GMT-5	use1-az1 (us-east-1a)	In-use
	vol-0e72c00daf708271c	gp3	3 GiB	3000	125	-	-	2026/02/12 20:25 GMT-5	use1-az1 (us-east-1a)	Available
aldemar.examen	vol-080f505e667a876f4	gp3	3 GiB	3000	125	-	-	2026/02/12 20:15 GMT-5	use1-az4 (us-east-1c)	In-use
	vol-0c9bca492e9790f62	gp3	8 GiB	3000	125	snap-0698578...	-	2026/02/12 20:08 GMT-5	use1-az1 (us-east-1a)	In-use

Fault tolerance for all volumes in this Region

i-0033203126cf18f01

Details

Status and alarms

Monitoring

Security

Networking

Storage

Tags

Root device details

Root device name

/dev/xvda

Root device type

EBS

EBS optimization

enabled

Block devices

Filter block devices

Volume ID	Device name	Volume size (GiB)	Volume State	Attachment status	EBS card index	Attachment time	Encrypted	KMS key ID
vol-0cb0bc0a8e9fcc802	/dev/xvda	8	In-use	Attached	0	2026/02/12 19:40 GMT-5	No	-
vol-0fa21e60354cbe9b7	/dev/sdf	1	In-use	Attached	0	2026/02/12 20:31 GMT-5	No	-

Volume monitoring (1)

5. crear un Bucket (s3)

Search[Alt+S]

United States

Buckets

Successfully created bucket "yennyfergomez-examen-2026"
To upload files and folders, or to configure additional bucket settings, choose View details.

General purpose bucketsAll AWS RegionsDirectory buckets

General purpose buckets (19) Info

Buckets are containers for data stored in S3.

Find buckets by name

Name	AWS Region	Creation date
aldemar-examen-feb	US East (N. Virginia) us-east-1	February 12, 2026, 20:29:32 (UTC-05:00)
alejandromv-s3	US East (N. Virginia) us-east-1	February 12, 2026, 19:52:53 (UTC-05:00)
andresortizbedoya-examenmodulo1	US East (N. Virginia) us-east-1	February 12, 2026, 20:12:48 (UTC-05:00)
angel-gonzalez-padilla-examen-s3	US East (N. Virginia) us-east-1	February 12, 2026, 19:52:33 (UTC-05:00)
baldo542-bucket	US East (N. Virginia) us-east-1	February 12, 2026, 19:56:13 (UTC-05:00)
bucketjulianparra	US East (N. Virginia) us-east-1	February 12, 2026, 20:28:01 (UTC-05:00)
carlos-jimenez-examen	US East (N. Virginia) us-east-1	February 12, 2026, 19:55:19 (UTC-05:00)
davidtobon-s3-examen-mod1	US East (N. Virginia) us-east-1	February 12, 2026, 20:38:02 (UTC-05:00)
examen-diana-s3-bucket	US East (N. Virginia) us-east-1	February 12, 2026, 20:20:15 (UTC-05:00)
examen-modulo1-alejadro-ramirez-s3	US East (N. Virginia) us-east-1	February 12, 2026, 19:48:37 (UTC-05:00)
examsajo	US East (N. Virginia) us-east-1	February 12, 2026, 20:09:56 (UTC-05:00)
jose-manuel	US East (N. Virginia) us-east-1	February 12, 2026, 20:31:24 (UTC-05:00)
juan-module1	US East (N. Virginia) us-east-1	February 12, 2026, 19:51:36 (UTC-05:00)
modulo1-bs3-jeffersonvargas	US East (N. Virginia) us-east-1	February 12, 2026, 20:32:17 (UTC-05:00)
pablocastano6-bucket-s3	US East (N. Virginia) us-east-1	February 12, 2026, 20:02:48 (UTC-05:00)
pablozzz	US East (N. Virginia) us-east-1	February 12, 2026, 20:29:48 (UTC-05:00)
s3bucket-santiagorojas-examen	US East (N. Virginia) us-east-1	February 12, 2026, 19:49:53 (UTC-05:00)

Account snapshot Info

Updated daily

Storage Lens provides visibility into storage usage a

External access summary Info

Updated daily

External access findings help you identify bucket pe

public access or access from other AWS accounts.

Upload succeeded
For more information, see the Files and folders table.

Close

Upload: status

After you navigate away from this page, the following information is no longer available.

Summary

Destination
s3://yennyfergomez-examen-2026

Succeeded
1 file, 30.0 B (100.00%)

Failed
0 files, 0 B (0%)

Files and foldersConfiguration

Files and folders (1 total, 30.0 B)

Find by name

Name	Folder	Type	Size	Status	Error
Examen.txt	-	text/plain	30.0 B	Succeeded	-