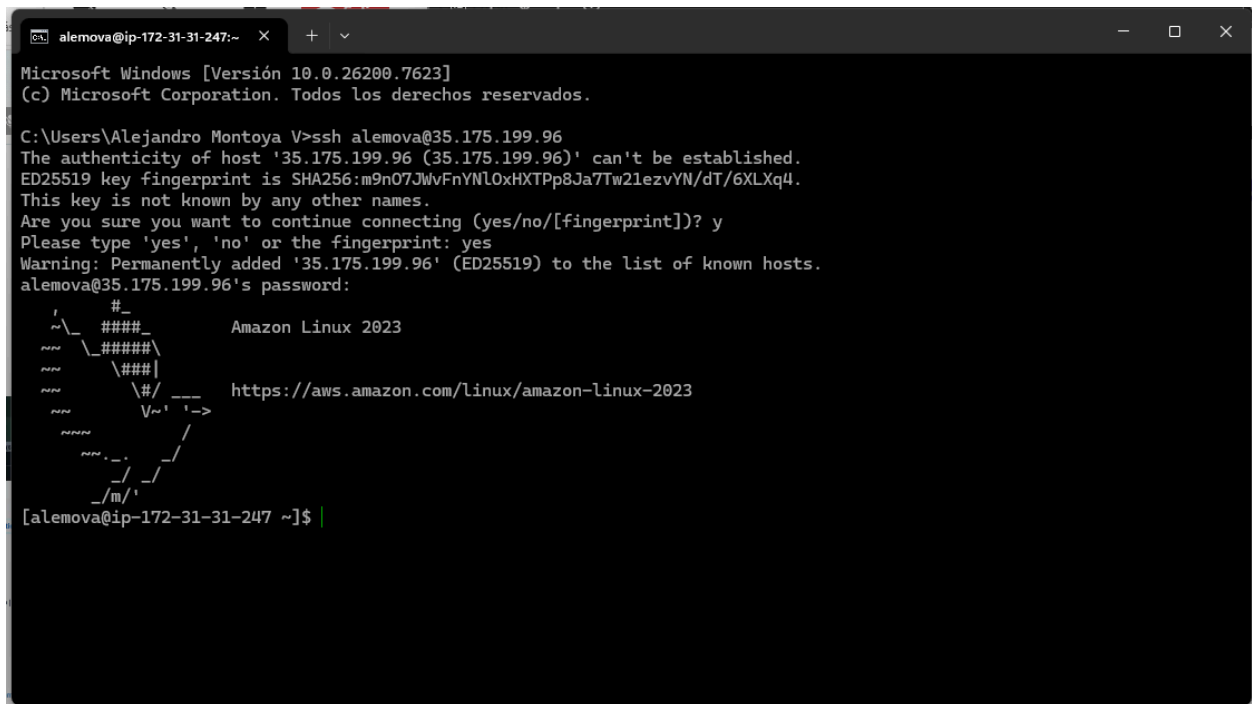


Evidencia clase 2/02/2026

Alejandro Montoya Vargas - alemova.1603@gmail.com

1. Primero, nos conectamos mediante ssh a la instancia de EC2

```
ssh alemova@35.175.199.96
BootcampAWS2026
```



```
alemova@ip-172-31-31-247:~ X + v
Microsoft Windows [Versión 10.0.26200.7623]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\Alejandro Montoya V>ssh alemova@35.175.199.96
The authenticity of host '35.175.199.96 (35.175.199.96)' can't be established.
ED25519 key fingerprint is SHA256:m9n07JWvFnYNL0xHXTp8Ja7Tw21ezvYN/dT/6XLXq4.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? y
Please type 'yes', 'no' or the fingerprint: yes
Warning: Permanently added '35.175.199.96' (ED25519) to the list of known hosts.
alemova@35.175.199.96's password:
#_
I_  #####_ Amazon Linux 2023
n/n \_#####\
n/n \_###|
n/n \#/ ____ https://aws.amazon.com/linux/amazon-linux-2023
n/n Vn' ' ->
n/n . - - -
n/n /m/' - - -
[alemova@ip-172-31-31-247 ~]$
```

2. Segundo, creamos una instancia de EBS para acoplarlo a la instancia de EC2

aws [Search] [Alt+S]

United States (N. Virginia) Account ID: 8546-5447-8122 alexova.1603@gmail.com

EC2

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Volumes (24) info

Save filter sets

Choose filter set

Search

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID	Source volume ID	Created	Availability Zone	Volume
	vol-01ac8619cc4af463d	gp3	1 GiB	3000	125	-	-	2026/02/02 20:25 GMT-5	use1-az1 (us-east-1a)	Av
JoseManuel	vol-0f5fc8f3ab3929c37	gp3	1 GiB	3000	125	-	-	2026/02/02 20:13 GMT-5	use1-az1 (us-east-1a)	Av
Santiago Rojas	vol-0af366e3c43aaf1be	gp3	1 GiB	3000	125	-	-	2026/02/02 20:19 GMT-5	use1-az1 (us-east-1a)	Av
baldo542	vol-0e1b04c7f0ec77a07	gp3	1 GiB	3000	125	-	-	2026/02/02 20:20 GMT-5	use1-az1 (us-east-1a)	Av
	vol-01a1c1628e0ce2353	gp3	1 GiB	3000	125	-	-	2026/02/02 20:27 GMT-5	use1-az1 (us-east-1a)	Av
AlejandroMV	vol-01313d32f56368870	gp3	1 GiB	3000	125	-	-	2026/02/02 20:27 GMT-5	use1-az4 (us-east-1c)	Av
imsantiago	vol-0292b1953284610cd	gp3	1 GiB	3000	125	-	-	2026/02/02 20:26 GMT-5	use1-az1 (us-east-1a)	Av
Juan Pablo C	vol-08068cb0e0743499	gp3	1 GiB	3000	125	-	-	2026/02/02 20:19 GMT-5	use1-az4 (us-east-1c)	Av
Pedro-19ar	vol-0ec079422eb7b0fa4	gp3	1 GiB	3000	125	-	-	2026/02/02 20:16 GMT-5	use1-az1 (us-east-1a)	Av
jeffersonvargas	vol-00e109d211bcbf2b3	gp3	1 GiB	3000	125	-	-	2026/02/02 20:18 GMT-5	use1-az1 (us-east-1a)	Av
	vol-02c3391355e89da37	gp3	1 GiB	3000	125	-	-	2026/02/02 20:22 GMT-5	use1-az1 (us-east-1a)	Av
	vol-0555cc15f4b96581	gp3	8 GiB	3000	125	snap-09c6080...	-	2026/02/02 10:55 GMT-5	use1-az4 (us-east-1c)	In
pabloz	vol-04ab34c2d5d9ed666	gp3	1 GiB	3000	125	-	-	2026/02/02 20:19 GMT-5	use1-az1 (us-east-1a)	Av
	vol-09163154e65a61803	gp3	1 GiB	3000	125	-	-	2026/02/02 11:02 GMT-5	use1-az4 (us-east-1c)	In
Andres Ortiz	vol-05c8-8e04-79c4b-733	gp3	1 GiB	3000	125	-	-	2026/02/02 20:16 GMT-5	use1-az1 (us-east-1a)	Av

Fault tolerance for all volumes in this Region

La ponemos en dev/sdk

aws [Search] [Alt+S]

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Key Pairs

vol-01313d32f56368870 (AlejandroMV)

Details

Volume ID

vol-01313d32f56368870 (AlejandroMV)

Size

1 GiB

Type

gp3

Status check

Insufficient data

AWS Compute Optimizer finding

This user is not authorized to call AWS Compute Optimizer. | Retry

Volume state

In-use

IOPS

3000

Throughput

125

Fast snapshot restored

No

Availability Zone

use1-az4 (us-east-1c)

Created

Mon Feb 02 2026 20:27:54 GMT-0500 (hora estándar de Colombia)

Multi-Attach enabled

No

Operator

-

Attached resources

i-03b72958612fd4697 (Laboratorio_Almacenamiento) (EBS card index: 0): /dev/sdk (attached)

Outposts ARN

-

Managed

false

Source

Snapshot ID

-

Source volume ID

-

Encryption

Encryption

Not encrypted

KMS key ID

-

KMS key alias

-

KMS key ARN

-

Status checks

Monitoring

Tags

Status check

Insufficient data

I/O status

Enabled

I/O status updated on

Mon Feb 02 2026 20:27:54 GMT-0500 (hora estándar de Colombia)

I/O performance

no-data-available

I/O performance updated on

-

```
[alemova@ip-172-31-31-247:~]$ lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
nvme1n1      259:0    0   1G  0 disk
nvme0n1      259:1    0   8G  0 disk
├─nvme0n1p1  259:2    0   8G  0 part /
├─nvme0n1p127 259:3    0   1M  0 part
└─nvme0n1p128 259:4    0  10M  0 part /boot/efi
nvme2n1      259:5    0   1G  0 disk
nvme3n1      259:6    0   1G  0 disk
nvme4n1      259:7    0   1G  0 disk
nvme5n1      259:8    0   1G  0 disk
nvme6n1      259:9    0   1G  0 disk
nvme7n1      259:10   0   1G  0 disk
nvme8n1      259:11   0   1G  0 disk
nvme9n1      259:12   0   1G  0 disk
nvme10n1     259:13   0   1G  0 disk
[alemova@ip-172-31-31-247 ~]$
```

[illegible]

Montamos el disco:

```
Limpiamos(formatear el dicso) el disco con
sudo mkfs -t xfs /dev/sdk
```

Creamos la carpeta con
sudo mkdir /mnt/alejomv

```
Le asignamos el disco con
sudo mount /dev/sdk/mnt/alejmv
```

Nos aseguramos de que el disco si se haya acoplado
lsblk

```
alemov@ip-172-31-31-247/n x + v
[alemov@ip-172-31-31-247 mnt]$ alejomv/
-bash: alejomv/: Is a directory
[alemov@ip-172-31-31-247 mnt]$ cd alejomv/
[alemov@ip-172-31-31-247 alejomv]$ ls
[alemov@ip-172-31-31-247 alejomv]$ lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
nvme0n1     259:0  0    1G  0 disk /mnt/julianparra
nvme0n1     259:1  0    8G  0 disk /
nvme0n1p1   259:2  0    8G  0 part /
nvme0n1p127 259:3  0    1W  0 part /
nvme0n1p128 259:4  0   10M  0 part /boot/efi
nvme2n1     259:5  0    1G  0 disk /
nvme3n1     259:6  0    1G  0 disk /pablocastano6
nvme4n1     259:7  0    1G  0 disk /baldo942
nvme5n1     259:8  0    1G  0 disk /mnt/alejomv
              /sssaio
              /carlos007
nvme6n1     259:9  0    1G  0 disk /mnt/AlejandroRamirez
nvme7n1     259:10 0    1G  0 disk /
nvme8n1     259:11 0    1G  0 disk /andresalt
nvme9n1     259:12 0    1G  0 disk /medinalj
nvme10n1    259:13 0    1G  0 disk /angelgonzalez
nvme11n1    259:14 0    1G  0 disk /mateo
nvme12n1    259:15 0    1G  0 disk /
nvme13n1    259:16 0    1G  0 disk /Juancao1
nvme14n1    259:17 0    1G  0 disk /
nvme15n1    259:18 0    1G  0 disk /
nvme16n1    259:19 0   100G 0 disk /
nvme17n1    259:20 0    1G  0 disk /JoseManuel
[alemov@ip-172-31-31-247 alejomv]$
```

Le creamos algunos archivos a la carpeta creada

```
alemov@ip-172-31-31-247/n x + v
[alemov@ip-172-31-31-247 alejomv]$ ls -l
total 8
-rw-r--r--. 1 pablocastano6 pablocastano6 10 Feb  3 02:31 alejolabuena.txt
-rw-r--r--. 1 alemov        alemov        14 Feb  3 02:29 app.log
[alemov@ip-172-31-31-247 alejomv]$
```

La parte de EFS y S3 fue desarrollada por el monitor