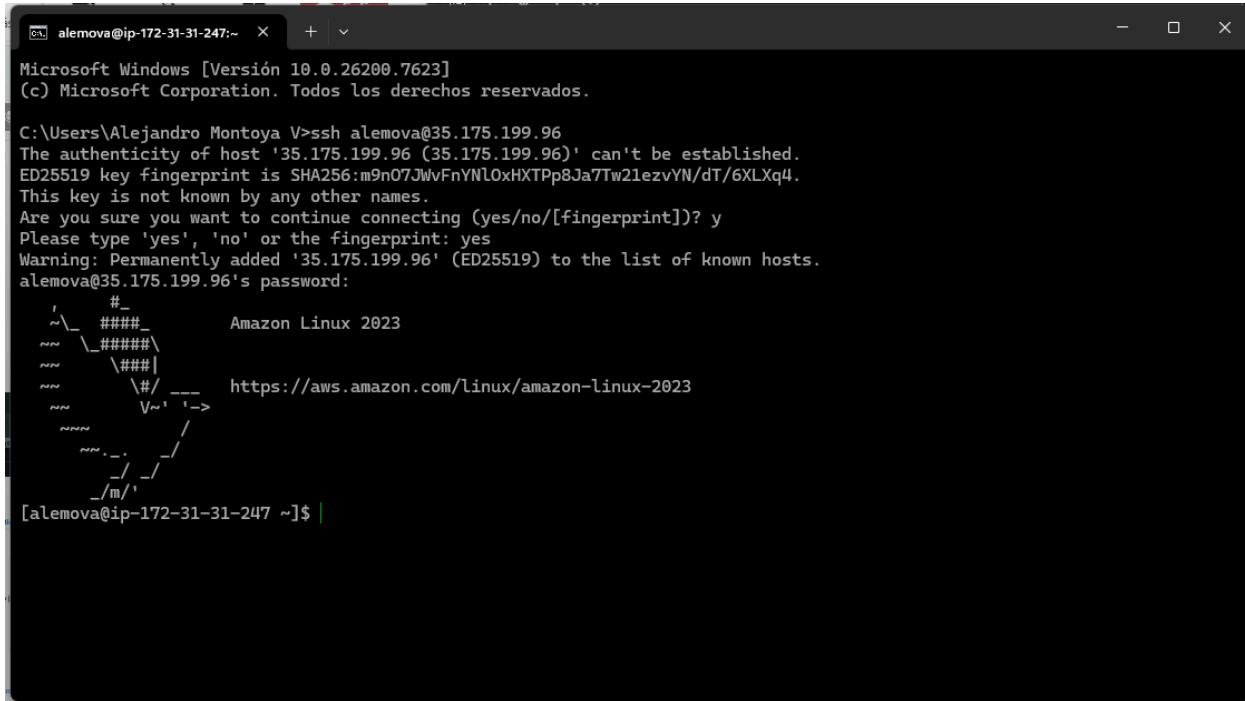


# Evidencia clase 2/02/2026

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

```
ssh alemova@35.175.199.96
BootcampAWS2026
```



The screenshot shows a Windows terminal window with the title bar "alemova@ip-172-31-31-247:~". The command "ssh alemova@35.175.199.96" is being typed. The terminal output shows:

```
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:m9n07JWvFnYNL0xHXTPp8Ja7Tw21ezvYN/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:
[alemova@ip-172-31-31-247 ~]$
```

The terminal also displays a decorative ASCII art banner for Amazon Linux 2023.

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

Volumes (24) <span style="color: #0070C0;">Info</span>												
<span>Last updated 2 minutes ago</span> <span></span> <span></span> <span></span>												
<span>Choose filter set</span> <span></span>												
Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID	Source volume ID	Created	Availability Zone	Value	Actions	More
vol-01ac8619cc4af465d	gp3	1 GiB	3000	125	-	-	-	2026/02/02 20:25 GMT-5	use1-az1 (us-east-1a)			
JoseManuel	vol-0f5cf8f3ab3929c37	gp3	1 GiB	3000	125	-	-	2026/02/02 20:19 GMT-5	use1-az1 (us-east-1a)			
Santiago Rojas	vol-0af366e3c43aaaf1be	gp3	1 GiB	3000	125	-	-	2026/02/02 20:19 GMT-5	use1-az1 (us-east-1a)			
baldo542	vol-0e1b04c7f0ec77a07	gp3	1 GiB	3000	125	-	-	2026/02/02 20:20 GMT-5	use1-az1 (us-east-1a)			
AlejandroMV	vol-01313d32f56368870	gp3	1 GiB	3000	125	-	-	2026/02/02 20:27 GMT-5	use1-az1 (us-east-1a)			
msantiago	vol-0292b1933284610cd	gp3	1 GiB	3000	125	-	-	2026/02/02 20:26 GMT-5	use1-az1 (us-east-1a)			
Juan Pablo C	vol-08068c060d0743499	gp3	1 GiB	3000	125	-	-	2026/02/02 20:19 GMT-5	use1-az4 (us-east-1c)			
Pedro-19ar	vol-0ec079422ab70f0fa4	gp3	1 GiB	3000	125	-	-	2026/02/02 20:16 GMT-5	use1-az1 (us-east-1a)			
jeffersonvargas	vol-00e109d211bcfb2b3	gp3	1 GiB	3000	125	-	-	2026/02/02 20:18 GMT-5	use1-az1 (us-east-1a)			
	vol-02c3391355e89d37	gp3	1 GiB	3000	125	-	-	2026/02/02 20:22 GMT-5	use1-az1 (us-east-1a)			
	vol-0555ccc15fb49581	gp3	8 GiB	3000	125	snap-09c6080...	-	2026/02/02 10:55 GMT-5	use1-az4 (us-east-1c)			
pabloz	vol-04ab54c2d5d9edb66	gp3	1 GiB	3000	125	-	-	2026/02/02 20:19 GMT-5	use1-az1 (us-east-1a)			
	vol-09163154e65a61803	gp3	1 GiB	3000	125	-	-	2026/02/02 11:02 GMT-5	use1-az4 (us-east-1c)			
Andrea Ortiz	vol-0c8a0e04796c4172	gp3	1 GiB	3000	125	-	-	2026/02/02 20:16 GMT-5	use1-az1 (us-east-1a)			

Fault tolerance for all volumes in this Region

## La ponemos en dev/sdk

vol-01313d32f56368870 (AlejandroMV)																								
<span>Last updated less than a minute ago</span> <span></span> <span></span> <span></span>																								
<span>Details</span>																								
Volume ID	vol-01313d32f56368870 (AlejandroMV)																							
Size	1 GiB																							
AWS Compute Optimizer finding	This user is not authorized to call AWS Compute Optimizer.   <a href="#">Retry</a>																							
Volume state	In-use																							
Availability Zone	use1-az4 (us-east-1c)																							
Fast snapshot restored	No																							
Attached resources	1-03b72938612fe4697 (Laboratorio_Archivamiento) (EBS card index: 0) /dev/sdk (attached)																							
Source																								
Snapshot ID	Source volume ID																							
Encryption	<table border="1"> <tr> <td>Encryption</td><td>KMS key ID</td><td>KMS key alias</td><td>KMS key ARN</td></tr> <tr> <td>Not encrypted</td><td>-</td><td>-</td><td>-</td></tr> </table>												Encryption	KMS key ID	KMS key alias	KMS key ARN	Not encrypted	-	-	-				
Encryption	KMS key ID	KMS key alias	KMS key ARN																					
Not encrypted	-	-	-																					
Status checks	<table border="1"> <tr> <td>Status check</td><td>I/O status</td><td>I/O performance</td></tr> <tr> <td> Insufficient data</td><td> Enabled</td><td> no-data-available</td></tr> <tr> <td>Initialization state</td><td>I/O status updated on</td><td>I/O performance updated on</td></tr> <tr> <td>-</td><td>Mon Feb 02 2026 20:27:54 GMT-0500 (hora estándar de Colombia)</td><td>-</td></tr> </table>												Status check	I/O status	I/O performance	Insufficient data	Enabled	no-data-available	Initialization state	I/O status updated on	I/O performance updated on	-	Mon Feb 02 2026 20:27:54 GMT-0500 (hora estándar de Colombia)	-
Status check	I/O status	I/O performance																						
Insufficient data	Enabled	no-data-available																						
Initialization state	I/O status updated on	I/O performance updated on																						
-	Mon Feb 02 2026 20:27:54 GMT-0500 (hora estándar de Colombia)	-																						
Monitoring																								
Tags																								

```
[alemova@ip-172-31-31-247 ~]$ lsblk
NAME      MAJ:MIN RM SIZE RO TYPE MOUNTPOINTS
nvme0n1    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 ~]$
```

```
C:\Users\Alejandro Montoya V>ssh alemova@35.175.199.96
alemova@35.175.199.96's password:
Last login: Tue Feb  3 01:36:30 2026 from 181.58.39.194
[alemova@ip-172-31-31-247 ~]$ cd ..
[alemova@ip-172-31-31-247 home]$ ls
a.andree1538  bsajonero  ec2-user      jshb3110    miguepmoreno3200  soyprogramador
alemova       cajimenez39  estudiantel  juanzuiluaga433  omaruzgonzalez  tonkef86
andreaag3578  camilojuan821  imstnigao  juliprbayo21  pablocastan06  usuariodesempleado
andresortizbedoya20  carmenlopez02  juanadelahoz2011  lozada10  sanchez_loanca  valentina0519
antoniojose  cristian192425  johansuescun  mateo031  santi_oscana  wilsonduvanit
axistirahalp06  david020416  johan        mateo031  santiaowb
baldo542     duvana983   johansuescun  medinalondono162  sebastiananton1624
[alemova@ip-172-31-31-247 home]$ cd ..
[alemova@ip-172-31-31-247 ~]$ ls
baldo542  boot  etc  lib64  mateo  pedro  root  sbin  sys  usr
bin      dev   home  lib   local  media  opt  proc  run  srv  var
[alemova@ip-172-31-31-247 ~]$ sudo mkdir alejomv
```

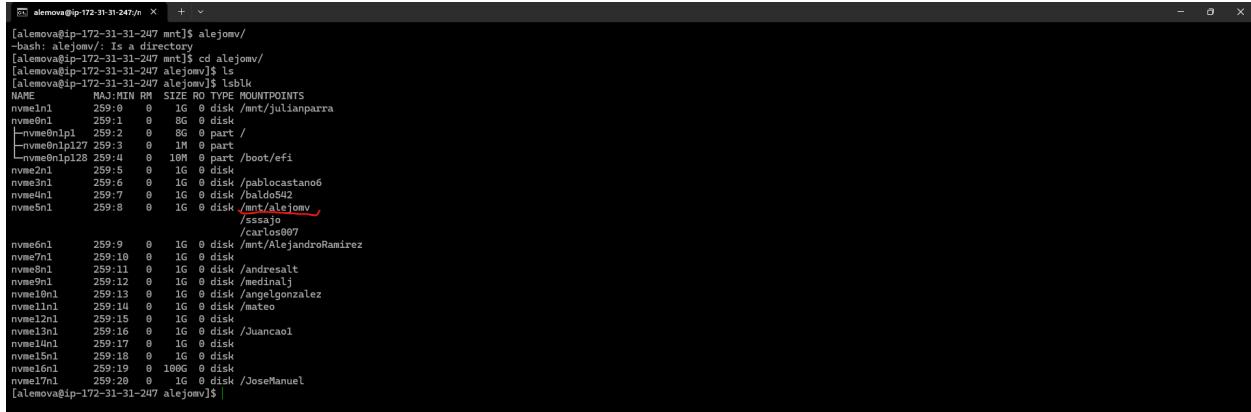
Montamos el disco:

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

Creamos la carpeta con  
 sudo mkdir /mnt/alejomv

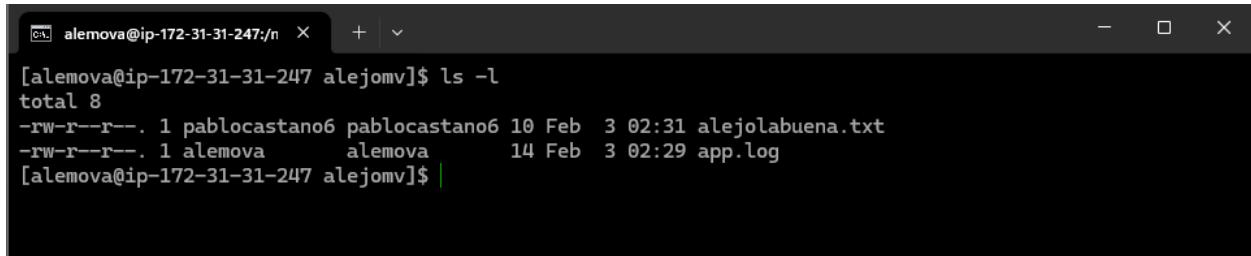
Le asignamos el disco con  
 sudo mount /dev/sdk/mnt/alejomv

Nos aseguramos de que el disco si se haya acoplado  
lsblk



```
[alemova@ip-172-31-31-247:~]$ lsblk
[alemova@ip-172-31-31-247:~]$ alejomv/
[bash: alejomv/: Is a directory]
[alemova@ip-172-31-31-247:~]$ cd alejomv/
[alemova@ip-172-31-31-247 alejomv]$ ls
[alemova@ip-172-31-31-247 alejomv]$ lsblk
NAME   MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
nvme0n1  259:0    0   8G  0 disk 
├─nvme0n1p1 259:1    0   8G  0 disk 
└─nvme0n1p2 259:2    0   8G  0 part /
├─nvme0n1p127 259:3    0   1M  0 part 
└─nvme0n1p128 259:4    0   10G 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 /balido542
nvme5n1  259:8    0   1G  0 disk /mnt/alejomv
                               /sssa/jo
                               /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 /juancaol
nvme14n1 259:17   0   1G  0 disk 
nvme15n1 259:18   0   1G  0 disk 
nvme16n1 259:19   0   10G 0 disk 
nvme17n1 259:20   0   1G  0 disk /JoseManuel
[alemova@ip-172-31-31-247 alejomv]$
```

Le creamos algunos archivos a la carpeta creada



```
[alemova@ip-172-31-31-247:~]$ ls -l
total 8
-rw-r--r--. 1 pablocastano6 pablocastano6 10 Feb  3 02:31 alejolabuena.txt
-rw-r--r--. 1 alemova      alemova       14 Feb  3 02:29 app.log
[alemova@ip-172-31-31-247 alejomv]$
```

La parte de EFS y S3 fue desarrollada por el monitor