

Angel Gonzalez - anggonpad@gmail.com

Se conectó a través de SSH a una instancia de EC2

```

.../cloud_betek  ? main ?  20:11
> ssh anggonpad@35.175.199.96
** WARNING: connection is not using a post-quantum key exchange algorithm.
** This session may be vulnerable to "store now, decrypt later" attacks.
** The server may need to be upgraded. See https://openssh.com/pq.html
anggonpad@35.175.199.96's password:

#_
~\_ #####_      Amazon Linux 2023
~~ \_#####\
~~ \###|
~~ \#/ ---      https://aws.amazon.com/linux/amazon-linux-2023
~~ V~' '→
~~~
~~~. _ _ _ _ _
    _/_/_/_/_/_
    _/m/'
Last login: Tue Feb  3 01:00:03 2026 from 181.59.3.163
[anggonpad@ip-172-31-31-247 ~]$
```

Se creó un volumen EBS de 1gb y se adjunto a la instancia de EC2

Successfully created volume vol-0d5c0a366db654605.

Volumes (1/10) Info

Saved filter sets

Choose filter set

Last updated 1 minute ago
Recycle Bin
Actions
Create volume

	Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID	Source volume ID	Created	Availability Zone
<input type="checkbox"/>	Juan Pablo C	vol-0eb591b2daff9d1d6	gp3	1 GiB	3000	125	-	-	2026/02/02 20:14 GMT-5	us-east-1 (us-east-1a)
<input type="checkbox"/>	ETIQUETA juli...	vol-037bfb9b575e1406e	gp3	1 GiB	3000	125	-	-	2026/02/02 20:12 GMT-5	us-east-1 (us-east-1a)
<input checked="" type="checkbox"/>	angel_gonzalez	vol-0d5c0a366db654605	gp3	1 GiB	3000	125	-	-	2026/02/02 20:15 GMT-5	us-east-1 (us-east-1a)
<input type="checkbox"/>	AlejandroMV	vol-0eafbcdab6c2332ac	gp3	1 GiB	3000	125	-	-	2026/02/02 20:15 GMT-5	us-east-1 (us-east-1a)
<input type="checkbox"/>		vol-0555cccf15f4b96581	gp3	8 GiB	3000	125	snap-09c6080...	-	2026/02/02 10:55 GMT-5	us-east-1 (us-east-1c)
<input type="checkbox"/>		vol-09163154e5a61803	gp3	1 GiB	3000	125	-	-	2026/02/02 11:02 GMT-5	us-east-1 (us-east-1c)
<input type="checkbox"/>		vol-0f5fc8f3ab3929c37	gp3	1 GiB	3000	125	-	-	2026/02/02 20:13 GMT-5	us-east-1 (us-east-1a)

vol-0c43e4e42c948c790 (AngelGonzalezVol)

Last updated less than a minute ago

Actions

Delete

Modify

Details

Volume ID vol-0c43e4e42c948c790 (AngelGonzalezVol)	Type gp3	Status check Okay
AWS Compute Optimizer finding This user is not authorized to call AWS Compute Optimizer. Retry	IOPS 3000	Throughput 125
Fast snapshot restored No	Created Mon Feb 02 2026 20:21:46 GMT-0500 (Colombia Standard Time)	Multi-Attach enabled No
Attached resources i-03b72938612fd4697 (Laboratorio_Almacenamiento) (EBS card index: 0): /dev/sdd (attached)	Managed false	Operator -
Volume state In-use		
Availability Zone use1-az4 (us-east-1c)		
Outposts ARN -		

▼ Source

Snapshot ID -	Source volume ID -
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▼ Encryption

Encryption Not encrypted	KMS key ID -	KMS key alias -	KMS key ARN -
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Status checks

Monitoring

Tags

Status check Okay	I/O status Enabled	I/O performance Normal
Initialization state Mon Feb 02 2026 20:21:46 GMT-0500 (Colombia Standard Time)	I/O status updated on Mon Feb 02 2026 20:21:46 GMT-0500 (Colombia Standard Time)	I/O performance updated on Mon Feb 02 2026 20:21:46 GMT-0500 (Colombia Standard Time)

Se le dio formato xfs y se monto internamente en una carpeta llamada /angelgonzalez

```
= reflink=1 bigtime=1 inobtcount=1 nnext64=0
= exchange=0
data = bsize=4096 blocks=262144, imaxpct=25
= sunit=1 swidth=1 blks
naming =version 2 bsize=4096 ascii-ci=0, ftype=1, parent=0
log =internal log bsize=4096 blocks=16384, version=2
= sectsz=512 sunit=1 blks, lazy-count=1
realtime =none extsz=4096 blocks=0, rtextents=0
[anggonpad@ip-172-31-31-247 ~]$ sudo mkdir /angelgonzalez
[anggonpad@ip-172-31-31-247 ~]$ sudo mount /dev/nvme10n1 /angelgonzalez
```

```
[anggonpad@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 /pablocastano6
nvme4n1      259:7    0   1G  0 disk /baldo542
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 /angelgonzalez
nvme11n1     259:14   0   1G  0 disk /mateo
nvme12n1     259:15   0   1G  0 disk
nvme13n1     259:16   0   1G  0 disk
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
```

```
[anggonpad@ip-172-31-31-247 ~]$ sudo chown anggonpad /angelgonzalez/
[anggonpad@ip-172-31-31-247 ~]$ ls /angelgonzalez/
[anggonpad@ip-172-31-31-247 ~]$ touch /angelgonzalez/test.txt
[anggonpad@ip-172-31-31-247 ~]$ cd /angelgonzalez/
[anggonpad@ip-172-31-31-247 angelgonzalez]$ ls
test.txt
[anggonpad@ip-172-31-31-247 angelgonzalez]$
```

Actividad 4. Script de automatización.

```
1 #!/bin/bash
2 # Script de Backup Automatizado - Bootcamp AWS
3 # Descripción: Comprime datos de EBS/EFS y los sube a un Bucket S3.
4 # =====
5
6 BUCKET_NAME="mi-bucket-de-respaldo-unico" # Bucket creado en el lab
7 SOURCE_EFS="/mnt/shared" # Punto de montaje EFS
8 SOURCE_EBS="/mnt/logs" # Punto de montaje EBS
9 BACKUP_DIR="/tmp/backups" # Carpeta temporal local
10 TIMESTAMP=$(date +%Y-%m-%d_%H-%M-%S)
11 FILE_NAME="backup_${TIMESTAMP}.tar.gz"
12
13
14 mkdir -p $BACKUP_DIR
15 echo "—— Iniciando proceso de respaldo: $TIMESTAMP ——"
16
17 if [ -d "$SOURCE_EFS" ] && [ -d "$SOURCE_EBS" ]; then
18     echo "[1/3] Comprimiendo archivos de EFS y EBS..."
19     tar -czf $BACKUP_DIR/$FILE_NAME $SOURCE_EFS $SOURCE_EBS
20 else
21     echo "ERROR: No se encontraron los puntos de montaje."
22     exit 1
23 fi
24
25 echo "[2/3] Subiendo archivo a S3: s3://$BUCKET_NAME/"
26 aws s3 cp $BACKUP_DIR/$FILE_NAME s3://$BUCKET_NAME/
27
28 if [ $? -eq 0 ]; then
29     echo "[3/3] Respaldo completado exitosamente."
30     rm $BACKUP_DIR/$FILE_NAME
31     echo "Limpieza local completada."
32 else
33     echo "ERROR: Falló la subida a S3. Revisa los permisos de IAM de la instancia."
34     exit 1
35 fi
36
37 echo "—— Proceso finalizado ——"
38
```

NORMAL ▶ main backup.sh [+] ⚠ < sh Bot 38:1