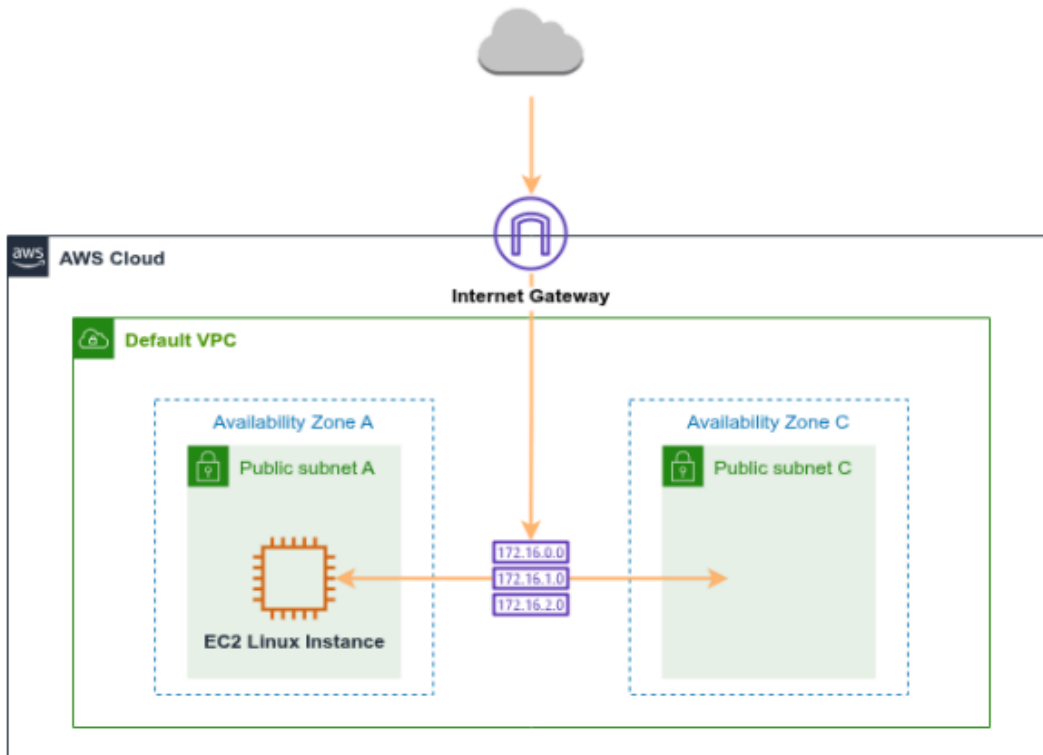


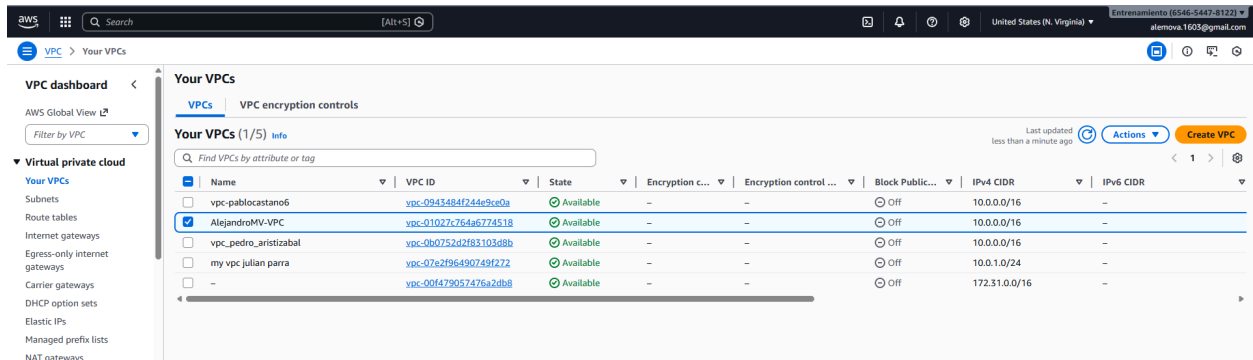
Evidencia evaluación practica

Alejandro Montoya Vargas - alemova.1603@gmail.com

En esta práctica, debe crear su propio servidor web.

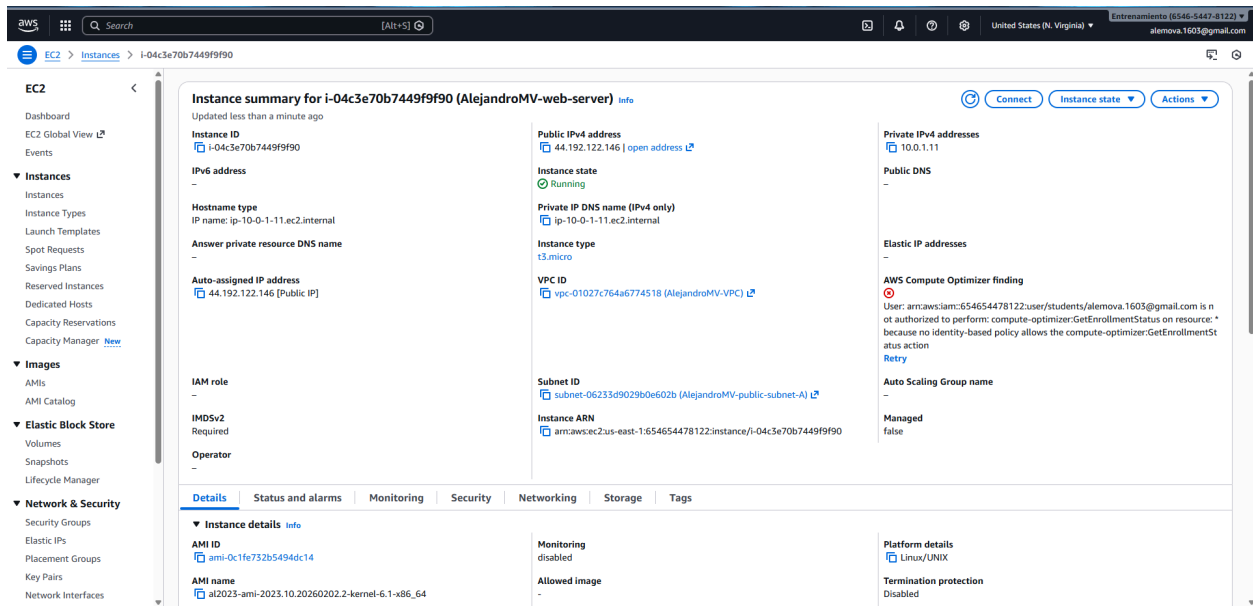


1. Creación de la VPC

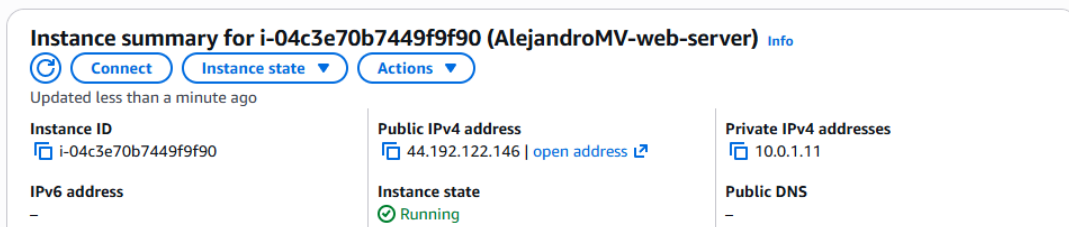


Se crea una VPC con 2 subredes, routing table, grupos de seguridad.

2. Creación de la EC2



IP publica de la EC2



Ejemplo de conexión a la EC2

```
[ec2-user@ip-10-0-1-11:~]$ exit  
logout  
Connection to 44.192.122.146 closed.  
  
C:\Users\Alejandro Montoya V\Downloads>ssh -i "AlejandroMV.pem" ec2-user@44.192.122.146  
#  
_##### Amazon Linux 2023  
###|  
##|\####  
||#\###|  
V#/_ _>  
      |  
     /_  
    /m/'
```

Last login: Fri Feb 13 00:37:06 2026 from 181.58.39.194
[ec2-user@ip-10-0-1-11 ~]\$

3. Creación y acoplamiento de EBS

Volumes (1/9) Info

Last updated less than a minute ago

Recycle Bin Actions Create volume

Saved filter sets
Choose filter set Search

	Name	Volume ID	Type	Size	IOPS	Throughput
<input type="checkbox"/>		vol-017e05a4ee0930a70	gp3	3 GiB	3000	125
<input type="checkbox"/>		vol-0020523f95343d03a	gp3	8 GiB	3000	125
<input type="checkbox"/>		vol-0029ef23246a8a01c	gp3	8 GiB	3000	125
<input type="checkbox"/>		vol-07576f03e6594d4d3	gp3	8 GiB	3000	125
<input type="checkbox"/>		vol-08c46447f6fd5e41e	gp3	8 GiB	3000	125
<input type="checkbox"/>		vol-0c13f3e1dac3ef2a0	gp3	8 GiB	3000	125
<input checked="" type="checkbox"/>	AlejandroMV-EBS	vol-0a78eb5cc708d08d8	gp3	3 GiB	3000	125
<input type="checkbox"/>		vol-0c4cd96fd8179be74	gp3	8 GiB	3000	125
<input type="checkbox"/>	CarlosJimenezExamen	vol-0278a33aae907763d	gp3	8 GiB	3000	125

Formateamos el disco y lo montamos en Alejo

```
[ec2-user@ip-10-0-1-11 /]$ sudo mkfs -t xfs /dev/nvme1n1
meta-data=/dev/nvme1n1      isize=512    agcount=8, agsize=98304 blks
                        =               sectsz=512   attr=2, projid32bit=1
                        =               crc=1        finobt=1, sparse=1, rmapbt=0
                        =               reflink=1     bigtime=1 inobtcount=1 nnext64=0
                        =               exchange=0
data      =               bsize=4096   blocks=786432, 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
[ec2-user@ip-10-0-1-11 /]$ sudo mount /dev/sdb /Alejo
[ec2-user@ip-10-0-1-11 /]$ lsblk
NAME        MAJ:MIN RM SIZE RO TYPE MOUNTPOINTS
nvme0n1     259:0    0  8G  0 disk
├─nvme0n1p1 259:1    0  8G  0 part /
├─nvme0n1p127 259:2    0  1M  0 part
└─nvme0n1p128 259:3    0 10M  0 part /boot/efi
nvme1n1     259:4    0  3G  0 disk /Alejo
[ec2-user@ip-10-0-1-11 /]$
```

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

Q

Filter block devices

<input type="checkbox"/>	Volume ID	Device name	Volume size (GiB)	Volume State	Attachment status	EBS card index	Attachment time	Encrypted	KMS key ID
<input type="checkbox"/>	vol-07576f03e6594d4d3	/dev/xvda	8	<div>In-use</div>	<div>Attached</div>	0	2026/02/12 19:34 GMT-5	No	–
<input type="checkbox"/>	vol-0a78eb5cc708d08d8	/dev/sdb	3	<div>In-use</div>	<div>Attached</div>	0	2026/02/12 19:39 GMT-5	No	–

4. Archivo creado y subido a S3

Search

[Alt+S]

United States (N. Virginia)

Entrenamiento (6546-5447-8122)

alemona.1603@gmail.com

Amazon S3

Upload: status

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

Summary

Destination

s3://alejandromv-s3

Succeeded

1 file, 0 B (0%)

Failed

0 files, 0 B (0%)

Files and folders

Configuration

Files and folders (1 total, 0 B)

Find by name

< 1 >

Name	Folder	Type	Size	Status	Error
alejo.txt	-	text/plain	0 B	Succeeded	-

alejandromv-s3

Objects

Metadata

Properties

Permissions

Metrics

Management

Access Points

Objects (1)

Copy S3 URI

Copy URL

Download

Open

Delete

Actions

Create folder

Upload

Find objects by prefix

< 1 >

	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	alejo.txt	txt	February 12, 2026, 19:53:26 (UTC-05:00)	0 B	Standard

Finalmente

LOAD TEST

RDS

Meta-Data	Value
InstanceId	i-04c3e70b7449f9f90
Availability Zone	us-east-1a

Current CPU Load: **90%**

Evidencia evaluación practica

5

(Le dí a load test y se subió la carga de CPU)