

# Examen Práctico modulo

Se asignó el primer grupo de seguridad a la EC2 ([DianaExamen2-ec2](#)), configurado inicialmente para permitir acceso administrativo vía **SSH (Puerto 22)**.

Una vez activa la EC2, se procedió a crear el grupo de seguridad para la base de datos ([RDSsgDiana-examen2](#)).

aws

Search

[Option+S]

United States (N. Virginia)

Account ID: 6546-5447-8122

lozadia10@gmail.com

EC2

Instances

i-009749241cb882fe5

EC2

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Instance summary for i-009749241cb882fe5 (ec2-dianaexamen2)

Updated 2 minutes ago

Instance ID

i-009749241cb882fe5

IPv6 address

—

Hostname type

IP name: ip-172-31-9-175.ec2.internal

Answer private resource DNS name

—

Auto-assigned IP address

98.92.90.211 [Public IP]

IAM role

—

IMDSv2

Required

Operator

—

Public IPv4 address

98.92.90.211 | open address

Instance state

Running

Private IP DNS name (IPv4 only)

ip-172-31-9-175.ec2.internal

Instance type

t3.micro

VPC ID

vpc-00f479057476a2db8 (VPC-Produccion)

Subnet ID

subnet-00227b47a5f26ec04

Instance ARN

arn:aws:ec2:us-east-1:654654478122:instance/i-009749241cb882fe5

Private IPv4 addresses

172.31.9.175

Public DNS

ec2-98-92-90-211.compute-1.amazonaws.com | open address

Elastic IP addresses

—

AWS Compute Optimizer finding

User: arn:aws:iam::654654478122:user/student-s/lozadia10@gmail.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

▼ Security details

IAM role

—

Owner ID

654654478122

Launch time

Thu Feb 26 2026 18:26:55 GMT-0500 (hora estándar de Colombia)

Security groups

sg-05b00ffe3dc5d995c (DianaExamen2-ec2)

▼ Inbound rules

Filter rules

Name	Security group rule ID	Port range	Protocol	Source
—	sgr-0bed63886011e1c70	22	TCP	190.84.148.172/32

► Outbound rules



## Conexión SSH a EC2

```
This private key will be ignored.
Load key "key pair diana.pem": bad permissions
ec2-user@ec2-98-92-90-211.compute-1.amazonaws.com: Permission denied (publickey,
gssapi-keyex,gssapi-with-mic).
diana@iMac-de-Dimar Downloads % chmod 400 "key pair diana.pem"
diana@iMac-de-Dimar Downloads % ssh -i "key pair diana.pem" ec2-user@ec2-98-92-9
0-211.compute-1.amazonaws.com

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

[ec2-user@ip-172-31-9-175 ~]$ 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   1G  0 disk
[ec2-user@ip-172-31-9-175 ~]$
```

**Print Screen donde se vea conectado a la RDS desde la EC**

```
ec2-user@ip-172-31-9-175:~ㄿ 1
```

---

```
Total15 MB/s | 1.8 MB    00:00
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing      : 1/1
  Installing     : mariadb-connector-c-config-3.3.10-1.amzn2023.0.1.noarch 1/5
  Installing     : mariadb-connector-c-3.3.10-1.amzn2023.0.1.x86_64 2/5
  Installing     : mariadb105-common-3:10.5.29-1.amzn2023.0.1.x86_64 3/5
  Installing     : perl-Sys-Hostname-1.23-477.amzn2023.0.7.x86_64 4/5
  Installing     : mariadb105-3:10.5.29-1.amzn2023.0.1.x86_64 5/5
Running scriptlet: mariadb105-3:10.5.29-1.amzn2023.0.1.x86_64 5/5
  Verifying      : mariadb-connector-c-3.3.10-1.amzn2023.0.1.x86_64 1/5
  Verifying      : mariadb-connector-c-config-3.3.10-1.amzn2023.0.1.noarch 2/5
  Verifying      : mariadb105-3:10.5.29-1.amzn2023.0.1.x86_64 3/5
  Verifying      : mariadb105-common-3:10.5.29-1.amzn2023.0.1.x86_64 4/5
  Verifying      : perl-Sys-Hostname-1.23-477.amzn2023.0.7.x86_64 5/5

Installed:
  mariadb-connector-c-3.3.10-1.amzn2023.0.1.x86_64      mariadb-connector-c-config-3.3.10-1.amzn2023.0.1.noarch
  mariadb105-3:10.5.29-1.amzn2023.0.1.x86_64          mariadb105-common-3:10.5.29-1.amzn2023.0.1.x86_64
  perl-Sys-Hostname-1.23-477.amzn2023.0.7.x86_64

Complete!
[ec2-user@ip-172-31-9-175 ~]$ mysql -h dbrds-1diana.czckyeamig9k.us-east-1.rds.amazonaws.com -u admin -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MySQL connection id is 31
Server version: 8.4.7 Source distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MySQL [(none)]> |
```

```
ec2-user@ip-172-31-9-175:~^⌘1
Verifying      : mariadb-connector-c-config-3.3.10-1.amzn2023.0.1.noarch      2/5
Verifying      : mariadb105-3:10.5.29-1.amzn2023.0.1.x86_64                3/5
Verifying      : mariadb105-common-3:10.5.29-1.amzn2023.0.1.x86_64          4/5
Verifying      : perl-Sys-Hostname-1.23-477.amzn2023.0.7.x86_64             5/5

Installed:
mariadb-connector-c-3.3.10-1.amzn2023.0.1.x86_64      mariadb-connector-c-config-3.3.10-1.amzn2023.0.1.noarch
mariadb105-3:10.5.29-1.amzn2023.0.1.x86_64          mariadb105-common-3:10.5.29-1.amzn2023.0.1.x86_64
perl-Sys-Hostname-1.23-477.amzn2023.0.7.x86_64

Complete!
[ec2-user@ip-172-31-9-175 ~]$ mysql -h dbrds-1diana.czckyeamig9k.us-east-1.rds.amazonaws.com -u admin -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
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Server version: 8.4.7 Source distribution

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MySQL [(none)]> CREATE DATABASE laboratorio_Diana;
Query OK, 1 row affected (0.012 sec)

MySQL [(none)]> SHOW DATABASES;
+-----+
| Database |
+-----+
| information_schema |
| laboratorio_Diana |
| mysql |
| performance_schema |
| sys |
+-----+
5 rows in set (0.008 sec)

MySQL [(none)]> █
```