

# 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](#)).

The screenshot shows the AWS EC2 Instances page for an instance named `i-009749241cb882fe5`. The main panel displays the instance summary, including its public and private IP addresses, instance state (Running), and VPC ID. Below this, the Security tab is selected, showing the security group assigned to the instance, which is `DianaExamen2-ec2`. The Inbound rules section lists a single rule allowing SSH traffic (port 22) from the source `190.84.148.172/32`. The Outbound rules section is currently collapsed.

AWS Search [Option+S] Ask Amazon Q United States (N. Virginia) Account ID: 6546-5447-8122 lozad10@gmail.com

Aurora and RDS > Databases > dbrds-1diana

**Successfully created database dbrds-1diana**

You can use settings from dbrds-1diana to simplify configuration of suggested database add-ons while we finish creating your DB for you.

**dbrds-1diana**

**Summary**

<b>DB identifier</b> dbrds-1diana	<b>Status</b> <span style="color: green;">Available</span>	<b>Role</b> Instance	<b>Engine</b> MySQL Community
<b>CPU</b> <div style="width: 4.68%;">4.68%</div>	<b>Class</b> db.t3.micro	<b>Current activity</b> 0 Connections	<b>Region &amp; AZ</b> us-east-1a

**Recommendations**

**Connectivity & security** **Monitoring** **Logs & events** **Configuration** **Zero-ETL integrations**

**Connect using** [Info](#)

- Code snippets**  
Use when connecting through SDK, APIs, or third-party tools including agents.
- CloudShell**  
Use for a quick access to AWS CLI that launches directly from the AWS Management Console.
- Endpoints**  
Use when connecting through any IDE interface.

**Database name**  **Master username**  **Internet access gateway**  Disabled **Port**

**Endpoint type** [Instance endpoint ▾](#)

**Additional configurations**

**Connectivity & security**

Endpoint & port	Networking	Security
<b>Endpoint</b> <input type="text" value="dbrds-1diana.czckyameig9k.us-east-1.rds.amazonaws.com"/>	<b>Availability Zone</b> us-east-1a	<b>VPC security groups</b> RDSSgDiana-examen2 (sg-07e1d138f42510921) <input checked="" type="checkbox"/> Active
<b>Port</b> 3306	<b>VPC</b> VPC-Producción (vpc-00f479057476a2db8)	<b>Publicly accessible</b> No
	<b>Subnet group</b> default-vpc-00f479057476a2db8	<b>Certificate authority</b> <a href="#">Info</a> rds-ca-rsa2048-g1
	<b>Subnets</b> subnet-0b2fbf6da06d9ba4b subnet-0c90bb685bbbd4f4c subnet-07a56e2b85da63272 subnet-	<b>Certificate authority date</b> May 25, 2061, 18:34 (UTC-05:00)
		<b>DB instance certificate expiration date</b> February 26, 2027, 21:09

## 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:~ % 81

Total                                         15 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)]> █
```