

CreateSecurityGroup | EC2 | us-east-1 | SecurityGroup | EC2 | us-east-1 | Examen 2-Workshop (examen) | (100) WhatsApp

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#CreateSecurityGroup:

Tablas de Conversio... | Conversión de Meg... | Nueva pestaña | Posasistente - Zoom | Smallpdf.com - Una... | Datos nutricionales... | MuscleWiki | SALVAVIDAS | Todos los marcadores

aws [Search] [Alt+S] Ask Amazon Q United States (N. Virginia) Account ID: 6546-5447-8122 juliprobayo21@gmail.com

EC2 > Security Groups > Create security group

### Basic details

**Security group name** [Info](#)

sg-rds-examen

Name cannot be edited after creation.

**Description** [Info](#)

SG para RDS

**VPC** [Info](#)

vpc-00f479057476a2db8 (VPC-Produccion)

### Inbound rules

[Info](#)

Type	Protocol	Port range	Source	Description - optional
MYSQL/Aurora	TCP	3306	Cust... sg-01a00de8767a8	rds julian parra

[Add rule](#) [Delete](#)

CloudShell Feedback Console Mobile App © 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Escribe aquí para buscar.

Launch an instance | EC2 | us-east-1 | SecurityGroup | EC2 | us-east-1 | Examen 2-Workshop (examen) | (100) WhatsApp

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:

Tablas de Conversio... | Conversión de Meg... | Nueva pestaña | Posasistente - Zoom | Smallpdf.com - Una... | Datos nutricionales... | MuscleWiki | SALVAVIDAS | Todos los marcadores

aws [Search] [Alt+S] Ask Amazon Q United States (N. Virginia) Account ID: 6546-5447-8122 juliprobayo21@gmail.com

EC2 > Instances > Launch an instance

### Launch an instance

[Info](#)

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

#### Name and tags

[Info](#)

Name

EC2-Julianparra-examen [Add additional tags](#)

#### Application and OS Images (Amazon Machine Image)

[Info](#)

An AMI contains the operating system, application server, and applications for your instance. If you don't see a suitable AMI below, use the search field or choose **Browse more AMIs**.

Search our full catalog including 1000s of application and OS images

Recents [Quick Start](#)

#### Summary

**Number of instances** [Info](#)

1

**Software Image (AMI)**

Amazon Linux 2023 AMI 2023.10...[read more](#)

ami-0f3caa1d4417e51b

**Virtual server type (instance type)**

t3.micro

**Firewall (security group)**

New security group

**Storage (volumes)**

[Cancel](#) [Launch instance](#) [Preview code](#)

CloudShell Feedback Console Mobile App © 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Escribe aquí para buscar.

Launch an instance | EC2 | us-east-1 | SecurityGroup | EC2 | us-east-1 | Examen 2-Workshop (examen) | (100) WhatsApp

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:

Tablas de Conversio... | Conversión de Meg... | Nueva pestaña | Posasistente - Zoom | Smallpdf.com - Una... | Datos nutricionales... | MuscleWiki | SALVAVIDAS | Todos los marcadores

aws | Search | [Alt+S] | Ask Amazon Q | United States (N. Virginia) | Account ID: 6546-5447-8122 | juliaprobayo21@gmail.com

### Key pair (login) [Info](#)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

**Key pair name - required**

JulianParra [Create new key pair](#)

### Network settings [Info](#) [Edit](#)

**Network** [Info](#)  
vpc-00f479057476a2db8 | VPC-Produccion

**Subnet** [Info](#)  
No preference (Default subnet in any availability zone)

**Auto-assign public IP** [Info](#)  
Enable

### Summary

**Number of instances** [Info](#)  
1

**Software Image (AMI)**  
Amazon Linux 2023 AMI 2023.10...[read more](#)  
ami-0f3caa1cd4417e51b

**Virtual server type (instance type)**  
t3.micro

**Firewall (security group)**  
New security group

**Storage (volumes)**

[Cancel](#) [Launch instance](#) [Preview code](#)

CloudShell | Feedback | Console Mobile App | © 2026, Amazon Web Services, Inc. or its affiliates. | Privacy | Terms | Cookie preferences

7:58 p.m. 26/02/2026

Instance details | EC2 | us-east-1 | SecurityGroup | EC2 | us-east-1 | Examen 2-Workshop (examen) | WhatsApp

Símbolo del sistema

Microsoft Windows [Versión 10.0.19045.6466]  
(c) Microsoft Corporation. Todos los derechos reservados.

```
C:\Users\VALEJO>cd downloads
C:\Users\VALEJO\Downloads>.pem
".pem" no se reconoce como un comando interno o externo,
programa o archivo por lotes ejecutable.
C:\Users\VALEJO\Downloads>keypair
"keypair" no se reconoce como un comando interno o externo,
programa o archivo por lotes ejecutable.
C:\Users\VALEJO\Downloads>cd..
"cd.." no se reconoce como un comando interno o externo,
programa o archivo por lotes ejecutable.
C:\Users\VALEJO\Downloads>ssh -i JulianParra.pem ec2-user@44.200.55.96
Warning: Identity file JulianParra.pem not accessible: No such file or directory.
The authenticity of host '44.200.55.96 (44.200.55.96)' can't be established.
Secure025519 key fingerprint is SHA256:mUFQWjBkdtKNERewuxu/K2eJ/CINgyTgcF9QCBBo+IM.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '44.200.55.96' (E025519) to the list of known hosts.
ec2-user@44.200.55.96: Permission denied (publickey,gssapi-keyex,gssapi-with-mic).
Key fingerprint is SHA256:mUFQWjBkdtKNERewuxu/K2eJ/CINgyTgcF9QCBBo+IM
C:\Users\VALEJO>
```

### Load Balancing

Load Balancers  
Target Groups  
Trust Stores

**Answer private resource DNS name**  
IPv4 (A)  
Auto-assigned IP address  
44.200.55.96 [Public IP]

**Instance type**  
t3.micro

**VPC ID**  
vpc-00f479057476a2db8 (VPC-Produccion)

**Elastic IP addresses**  
51.1.126

**NS**  
00-55-96.compute-1.amazonaws.com | [ress](#)

**AWS Compute Optimizer finding**  
User: arnaws:siam:654654478122:user/students/juli

CloudShell | Feedback | Console Mobile App | © 2026, Amazon Web Services, Inc. or its affiliates. | Privacy | Terms | Cookie preferences

8:09 p.m. 26/02/2026



Instance details | EC2 | us-east-1

ec2-user@ip-172-31-1-126~

```
(3/5): mariadb-connector-c-3.3.10-1.amzn2023.0.1.x86_64.rpm
(4/5): mariadb105-common-10.5.29-1.amzn2023.0.1.x86_64.rpm
(5/5): perl-Sys-Hostname-1.23-477.amzn2023.0.7.x86_64.rpm

Total
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
AMDB
Preparing : mariadb-connector-c-3.3.10-1.amzn2023.0.1.noarch 1/1
Installing : mariadb-connector-c-3.3.10-1.amzn2023.0.1.x86_64 1/5
Installing : mariadb105-common-10.5.29-1.amzn2023.0.1.x86_64 2/5
Installing : perl-Sys-Hostname-1.23-477.amzn2023.0.7.x86_64 3/5
Installing : mariadb105-3:10.5.29-1.amzn2023.0.1.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-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

Security:
 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-10.5.29-1.amzn2023.0.1.x86_64
 perl-Sys-Hostname-1.23-477.amzn2023.0.7.x86_64

Key fingerprint is:
Key fingerprint is:
Network Interfaces

Load Balancing
Load Balancers
Target Groups
Target Sticks
```

Answer private resource DNS name  
IPv4 (A)  
Auto-assigned IP address  
44.200.55.96 [Public IP]

Instance type  
t3.micro  
VPC ID  
vpc-00f479057476a2db8 (VPC-Produccion)

Elastic IP addresses  
-

AWS Compute Optimizer finding  
User: arnaws:iam::654654478122:user/students/juliprobayo21@gmail.com

CloudShell Feedback Console Mobile App

© 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

database-1-julianparra-examen

us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#database-id=database-1-julianparra-examen-prueba2;is-cluster=false

Aurora and RDS > Databases > database-1-julianparra-examen-prueba2

The database-1-julianparra cluster is being deleted.

### database-1-julianparra-examen-prueba2

Summary

<b>DB identifier</b> database-1-julianparra-examen-prueba2	<b>Status</b> Creating	<b>Role</b> Instance	<b>Engine</b> MySQL Community
<b>CPU</b> -	<b>Class</b> db.m7g.large	<b>Current activity</b>	<b>Region &amp; AZ</b> us-east-1d

Recommendations

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

CloudShell Feedback Console Mobile App

© 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

database-1-julianparra-examen-prueba2

us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#databaseid=database-1-julianparra-examen-prueba2;is-cluster=false

Aurora and RDS > Databases > database-1-julianparra-examen-prueba2

### database-1-julianparra-examen-prueba2

**Summary**

<b>DB identifier</b> database-1-julianparra-examen-prueba2	<b>Status</b> Backing-up	<b>Role</b> Instance	<b>Engine</b> MySQL Community
<b>CPU</b> 15.94%	<b>Class</b> db.m7g.large	<b>Current activity</b> 0.00 sessions	<b>Region &amp; AZ</b> us-east-1d

**Recommendations**

**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.

CloudShell Feedback Console Mobile App

© 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

8:35 p.m. 26/02/2026

database-1-julianparra-examen-prueba2

us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#databaseid=database-1-julianparra-examen-prueba2;is-cluster=false

Aurora and RDS > Databases > database-1-julianparra-examen-prueba2

### database-1-julianparra-examen-prueba2

**Summary**

<b>DB identifier</b> database-1-julianparra-examen-prueba2	<b>Status</b> Backing-up	<b>Role</b> Instance	<b>Engine</b> MySQL Community
<b>CPU</b> 15.94%	<b>Class</b> db.m7g.large	<b>Current activity</b> 0.00 sessions	<b>Region &amp; AZ</b> us-east-1d

**Recommendations**

**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.

CloudShell Feedback Console Mobile App

© 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

8:44 p.m. 26/02/2026

```
Microsoft Windows [Versión 10.0.19845.6466]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\VALEJO>cd Downloads
El sistema no puede encontrar la ruta especificada.

C:\Users\VALEJO>cd downloads
El sistema no puede encontrar la ruta especificada.

C:\Users\VALEJO>cd Downloads
C:\Users\VALEJO>ssh -h database-1-julianparra-examen-prueba2.czckyeamig9k.us-east-1.rds.amazonaws.com
ssh: unknown option -- h
Usage: ssh [-46AaCfGgKlMmqsTtVvXxYy] [-B bind_interface] [-b bind_address]
          [-c cipher_spec] [-D [bind_address]:port] [-E log_file]
          [-e escape_char] [-F configfile] [-I pkcs11] [-l identity_file]
          [-J destination] [-L address] [-l login_name] [-m mac_spec]
          [-O ctl_cmd] [-o option] [-P tag] [-p port] [-Q query_option]
          [-R address] [-S ctl_path] [-W host:port] [-w local_tun[:remote_tun]]
          destination [command [argument ...]]
```

Subnet groups

subnet-07a5662085da65272	DB instance certificate expiration date
subnet-00227b47a5f26ec04	February 26, 2027, 20:32 (UTC-05:00)
subnet-0a2f4626e73108cc4	
subnet-0ed46236dc39c8c58	

Aurora and RDS | us-east-1 x Instance details | EC2 | us-east-1 x Examen 2-Workshop (examen x WhatsApp

ec2-user@ip-172-31-1-126~  
Last login: Fri Feb 27 02:02:13 2026 from 179.33.55.132  
[ec2-user@ip-172-31-1-126 ~]\$ mysql -h database-1-julianparra-examen-prueba2.czckyeamig9k.us-east-1.rds.amazonaws.com -u admin -p  
Enter password:  
ERROR 1045 (28000): Access denied for user 'admin'@'172.31.1.126' (using password: YES)  
[ec2-user@ip-172-31-1-126 ~]\$ mysql -h database-1-julianparra-examen-prueba2.czckyeamig9k.us-east-1.rds.amazonaws.com -u admin -p  
Enter password:  
ERROR 1045 (28000): Access denied for user 'admin'@'172.31.1.126' (using password: YES)  
[ec2-user@ip-172-31-1-126 ~]\$ mysql -h database-1-julianparra-examen-prueba2.czckyeamig9k.us-east-1.rds.amazonaws.com -u julianparra1 -p  
Enter password:  
Welcome to the MariaDB monitor. Commands end with ; or \g.  
Your MySQL connection id is 54  
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)]> CREATE DATABASE  
-> Laboratorio Julian Parra

8. Subir evidencia

9:08 p.m. 26/02/2026

Aurora and RDS | us-east-1 x Instance details | EC2 | us-east-1 x Examen 2-Workshop (examen x WhatsApp

ec2-user@ip-172-31-1-126~  
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.  
MySQL [(none)]> CREATE DATABASE  
-> Laboratorio Julian Parra  
-> show databases  
-> cd..  
-> c  
-> ;  
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'Julian Parra  
show databases  
cd..  
c' at line 2  
MySQL [(none)]> CREATE DATABASE Laboratorio\_julian\_Parra;  
Query OK, 1 row affected (0.004 sec)  
MySQL [(none)]> show DATABASES  
-> ;  
+-----+  
| Database |  
+-----+  
| Laboratorio\_julian\_Parra |  
| information\_schema |  
| mysql |  
| performance\_schema |  
| sys |  
+-----+  
5 rows in set (0.002 sec)  
MySQL [(none)]> ;  
MySQL [(none)]> CREATE DATABASE Laboratorio;  
Query OK, 1 row affected (0.034 sec)  
MySQL [(none)]> CREATE DATABASE Laboratorio2;  
Query OK, 1 row affected (0.034 sec)  
MySQL [(none)]> show DATABASES;  
+-----+  
| Database |  
+-----+  
| information\_schema |  
| Laboratorio |  
| Laboratorio2 |  
| Laboratorio\_julian\_Parra |  
| mysql |  
| performance\_schema |  
| sys |  
+-----+  
6 rows in set (0.012 sec)  
MySQL [(none)]> ;

9:12 p.m. 26/02/2026

Aurora and RDS | us-east-1 x Instance details | EC2 | us-east-1 x Examen 2- Workshop (examen x WhatsApp

ec2-user@ip-172-31-1-126~

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

```
MySQL [(none)]> CREATE DATABASE
-> laboratorio_julian_Parra
-> show databases
-> cd..
-> c
-> ;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version
for the right syntax to use near 'Julian Parra'
show databases
cd..
c' at line 2
MySQL [(none)]> CREATE DATABASE Laboratorio_julian_Parra;
Query OK, 1 row affected (0.004 sec)

MySQL [(none)]> show DATABASES
-> ;
+-----+
| Database |
+-----+
| Laboratorio_julian_Parra |
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
5 rows in set (0.002 sec)

MySQL [(none)]>
```

una base de datos que  
s  
la se deberá ver así:

```
MySQL [(none)]> CREATE DATABASE laboratorio;
Query OK, 1 row affected (0.004 sec)

MySQL [(none)]> CREATE DATABASE laboratorio2;
Query OK, 1 row affected (0.004 sec)

MySQL [(none)]> show DATABASES;
+-----+
| Database |
+-----+
| information_schema |
| laboratorio |
| laboratorio2 |
| mysql |
| performance_schema |
| sys |
+-----+
6 rows in set (0.002 sec)

MySQL [(none)]> exit
```

3

Escribe aquí para buscar.

9:12 p.m.  
26/02/2026