

Examen número1 - Módulo2, David Tobón

26/02/2026

Evidencia #1: Resumen instancia EC2

aws

Search

[Alt+S]

United States (N. Virginia)

Account ID: 6546-5447-8122

david202416@gmail.com

EC2

Instances

i-048d2e914e5126d4b

EC2

Dashboard

AWS Global View

Events

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Capacity Manager

Images

AMIs

Instance summary for i-048d2e914e5126d4b (EC2-examen-davidtobon)

Connect

Instance state

Actions

Updated less than a minute ago

Instance ID

i-048d2e914e5126d4b

Public IPv4 address

100.53.217.94

open address

Private IPv4 addresses

172.31.13.69

IPv6 address

-

Instance state

Running

Public DNS

ec2-100-53-217-94.compute-1.amazonaws.com

open address

Hostname type

IP name: ip-172-31-13-69.ec2.internal

Private IP DNS name (IPv4 only)

ip-172-31-13-69.ec2.internal

Answer private resource DNS name

IPv4 (A)

Instance type

t3.micro

Auto-assigned IP address

100.53.217.94 [Public IP]

VPC ID

vpc-00f479057476a2db8 (VPC-Produccion)

Elastic IP addresses

-

AWS Compute Optimizer finding

User: arn:aws:iam::654654478122:user/students/david202416@gmail.com is not authorized to perform: compute-optimizer:GetEnrollmentStatus on resource: * because no identity-based policy allows the com

CloudShell

Feedback

Console Mobile App

© 2026, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

Cookie preferences

Evidencia #2: Configuración RDS y Security Group

aws

Search

[Alt+S]

Ask Amazon Q

United States (N. Virginia)

Account ID: 6546-5447-8122

david202416@gmail.com

Aurora and RDS

Databases

laboratorio-rds-davidtobon

Aurora and RDS

Dashboard

Databases

Query editor

Performance insights

Snapshots

Exports in Amazon S3

Automated backups

Reserved instances

Proxies

Subnet groups

Parameter groups

Option groups

Custom engine versions

Zero-ETL integrations

Events

Event subscriptions

Recommendations

Certificate update

Programming language

MySQL (macOS)

Endpoint type

Instance endpoint

Connection steps

Follow the steps below to paste the code of each step in your tool and run the commands. The snippets dynamically reflect the authentication configuration.

1 mysql -h laboratorio-rds-davidtobon.czckyeamig9k.us-east-1.rds.amazonaws.com -P 3306 -u admin -p'Enter_DB_Password' --ssl-verify-server-cert --ssl-ca=/certs/global-bundle.pem LaboratorioDavidTobon

Connected compute resources (0)

Connections to compute resources that were created automatically by RDS are shown here. Connections to compute resources that were created manually aren't shown.

Filter by compute resources

Resource identifier

Resource type

Availability Zone

VPC security group

Compute resource security group

Connected proxy

No connected compute resources

No connected compute resources that were created automatically to display.

Set up EC2 connection

Set up Lambda connection

Security group rules (2)

Filter by Security group rules

Security group

Type

Rule

SG-DavidTobon-examen-RDS (sg-04b7e2430d57a977e)

EC2 Security Group - Inbound

sg-0b5b8baa459ca9e51

SG-DavidTobon-examen-RDS (sg-04b7e2430d57a977e)

CIDR/IP - Outbound

0.0.0.0/0

Replication (1)

CloudShell

Feedback

Console Mobile App

© 2026, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

Cookie preferences

Evidencia #3: Conexión exitosa a la RDS desde la EC2

```
ec2-user@ip-172-31-13-69:~$ sudo yum install mariadb-connector-c mariadb-connector-c-config mariadb105-common mariadb105-libs perl-Sys-Hostname
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-172-31-13-69 ~]$ mysql -h laboratorio-rds-daviddobon.czckyeamig9k.us-east-1.rds.amazonaws.com \ -u
admin \ -p
ERROR 1045 (28000): Access denied for user 'ec2-user'@'172.31.13.69' (using password: NO)
-bash: admin: command not found
[ec2-user@ip-172-31-13-69 ~]$ mysql -h laboratorio-rds-daviddobon.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 30
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)]> |
```

Evidencia #4: Base de datos creada

```
ec2-user@ip-172-31-13-69:~$ sudo mysql -h laboratorio-rds-daviddobon.czckyeamig9k.us-east-1.rds.amazonaws.com -u admin -p
admin \ -p
ERROR 1045 (28000): Access denied for user 'ec2-user'@'172.31.13.69' (using password: NO)
-bash: admin: command not found
[ec2-user@ip-172-31-13-69 ~]$ mysql -h laboratorio-rds-daviddobon.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 30
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 laboratoriodaviddobon;
Query OK, 1 row affected (0.027 sec)

MySQL [(none)]> SHOW DATABASES;
+-----+
| Database |
+-----+
| LaboratioDavidTobon |
| information_schema |
| laboratoriodaviddobon |
| mysql |
| performance_schema |
| sys |
+-----+
6 rows in set (0.013 sec)

MySQL [(none)]> |
```