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EC2

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Instance summary for i-0df29b987e0c60700 (santiagorojas-ec2)

Updated 2 minutes ago

Instance ID

i-0df29b987e0c60700

IPv6 address

-

Hostname type

IP name: ip-172-31-0-76.ec2.internal

Answer private resource DNS name

IPv4 (A)

Auto-assigned IP address

44.198.188.70 [Public IP]

IAM role

-

IMDSv2

Required

Operator

-

Public IPv4 address

44.198.188.70 | open address

Instance state

Running

Private IP DNS name (IPv4 only)

ip-172-31-0-76.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-0df29b987e0c60700

Private IPv4 addresses

172.31.0.76

Public DNS

ec2-44-198-188-70.compute-1.amazonaws.com | open address

Elastic IP addresses

-

AWS Compute Optimizer finding

User: arn:aws:iam::654654478122:user/students/santiagow3b@gmail.com is not authorized to perform: compute-optimizer:GetEnrollmentStatus on resource: * because no identity-based policy allows the compute-optimizer:GetEnrollmentStatus action

Retry

Auto Scaling Group name

-

Managed

false

Connect

Instance state

Actions

RDS & SG

Aurora and RDS

Dashboard

Databases

Query editor

Performance insights

Snapshots

Exports in Amazon S3

Automated backups

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Subnet groups

Parameter groups

Option groups

Custom engine versions

Zero-ETL integrations

Events

Event subscriptions

Recommendations

Certificate update

db-rds-santiagorojas

Summary

DB identifier

db-rds-santiagorojas

Status

Available

Role

Instance

Engine

MySQL Community

Recommendations

CPU

-

Class

db.t4g.micro

Current activity

Region & AZ

us-east-1a

Connectivity & security

Monitoring

Logs & events

Configuration

Zero-ETL integrations

Maintenance & backups

Data migrations

Tags

Connect using

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

mysql

Master username

admin

Internet access gateway

Disabled

Port

3306

Endpoint type

Instance endpoint

Additional configurations

Connectivity & security

Endpoint & port

Networking

Security

The screenshot shows the AWS Management Console interface. On the left, the navigation pane is visible with categories like EC2, Instances, Images, Elastic Block Store, and Network & Security. The main content area displays the details for a security group named 'sg-04ee5fc92842a6752 - santiagorojas-sg-rds'. A green notification bar at the top indicates that the security group was created successfully. The details section shows the security group name, ID, description, owner, and rule counts. Below this, the 'Inbound rules' tab is selected, showing a single rule for MySQL/Aurora on port 3306.

Security group (sg-04ee5fc92842a6752 | santiagorojas-sg-rds) was created successfully

sg-04ee5fc92842a6752 - santiagorojas-sg-rds

Details

Security group name santiagorojas-sg-rds	Security group ID sg-04ee5fc92842a6752	Description santiagorojas-sg-rds	VPC ID vpc-00f479057476a2db8
Owner 654654478122	Inbound rules count 1 Permission entry	Outbound rules count 1 Permission entry	

Inbound rules (1)

Name	Security group rule ID	IP version	Type	Protocol	Port range	Source
-	sgr-0303bc4f991fc5cbc	-	MySQL/Aurora	TCP	3306	sg-0f3c220529be72ffa ...

The screenshot shows the AWS Management Console interface. On the left, the navigation pane is visible with categories like Capacity Manager, Images, Elastic Block Store, Network & Security, Load Balancing, and Auto Scaling. The main content area displays the details for a security group named 'sg-0f3c220529be72ffa - santiagorojas-sg'. A green notification bar at the top indicates that the security group tags were updated. The details section shows the security group name, ID, description, owner, and rule counts. Below this, the 'Inbound rules' tab is selected, showing a single rule for SSH on port 22.

Security Group tags updated.
Security Group sg-0f3c220529be72ffa

sg-0f3c220529be72ffa - santiagorojas-sg

Details

Security group name santiagorojas-sg	Security group ID sg-0f3c220529be72ffa	Description santiagorojas-sg	VPC ID vpc-00f479057476a2db8
Owner 654654478122	Inbound rules count 1 Permission entry	Outbound rules count 1 Permission entry	

Inbound rules (1)

Name	Security group rule ID	IP version	Type	Protocol	Port range	Source
-	sgr-0bbe73ab8288d329c	IPv4	SSH	TCP	22	181.134.112.26/32

RDS Connect to EC2

```
[ec2-user@ip-172-31-0-76 ~]$ mariadb --version
mariadb Ver 15.1 Distrib 10.5.29-MariaDB, for Linux (x86_64) using EditLine wrapper
[ec2-user@ip-172-31-0-76 ~]$
```

```
[ec2-user@ip-172-31-0-76 ~]$ mysql -h db-rds-santiagorojas.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 27
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 laboratoriosantiagorojas
```

Data base

```
MySQL [(none)]> CREATE DATABASE laboratoriosantiagorojas;  
Query OK, 1 row affected (0.042 sec)
```

```
MySQL [(none)]> SHOW DATABASES;
```

```
+-----+  
| Database |  
+-----+  
| information_schema |  
| laboratoriosantiagorojas |  
| mysql |  
| performance_schema |  
| sys |  
+-----+
```

```
5 rows in set (0.066 sec)
```

```
MySQL [(none)]> |
```