

Desafío 5

AWS RDS

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Institución: Educación IT

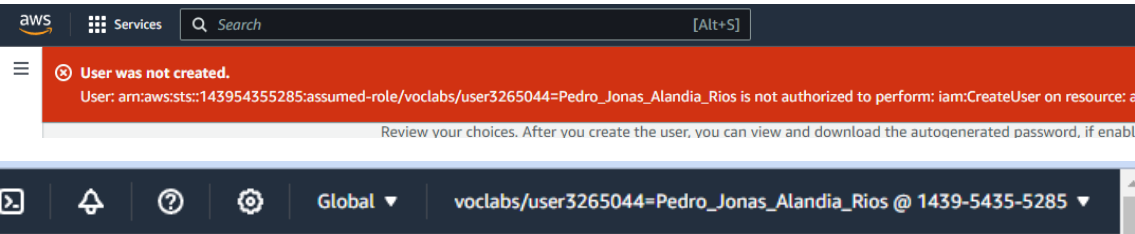
Fecha de entrega: 28/09/2024

1. Creación de usuario






Nuestro usuario sería **AdminDbas6** con los permisos indicados al usuario o al User Group para poder realizar sus tareas. Al estar utilizando el Sandbox del curso, utilizaremos el user root del estudiante.

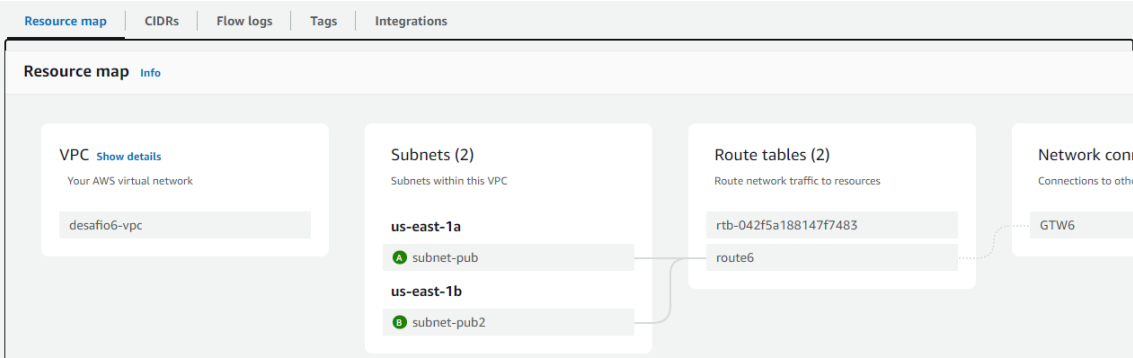
User details	
User name AdminDbas6	Console password type Custom password

Permissions summary	
Name 	Type
AmazonEC2FullAccess	AWS managed
AmazonRDSFullAccess	AWS managed
AmazonVPCFullAccess	AWS managed
IAMUserChangePassword	AWS managed



2. Creación de VPC

vpc-0b8ee2903bd4a9b55 / desafio6-vpc				Actions 
Details 				
VPC ID  vpc-0b8ee2903bd4a9b55	State  Available	DNS hostnames Enabled	DNS resolution Enabled	
Tenancy Default	DHCP option set dopt-034f03609f88fa06	Main route table rtb-044cc00613da016ef	Main network ACL acl-0544ebc0a1bfb145f	
Default VPC No	IPv4 CIDR 10.0.0.0/16	IPv6 pool -	IPv6 CIDR (Network border group) -	
Network Address Usage metrics Disabled	Route 53 Resolver DNS Firewall rule groups -	Owner ID  143954355285		



Nuestro Security Group:

VPC > Security Groups > sg-0609ee3784ed03bc6 - SecGroup6

sg-0609ee3784ed03bc6 - SecGroup6 [Actions](#)

Details

Security group name SecGroup6	Security group ID sg-0609ee3784ed03bc6	Description SecGroup6	VPC ID vpc-0b8ee2903bd4a9b55
Owner 143954355285	Inbound rules count 1 Permission entry	Outbound rules count 1 Permission entry	

Inbound rules | Outbound rules | Tags

Inbound rules (2) [Manage tags](#) [Edit in](#)

Search

<input type="checkbox"/>	Name	Security group rule...	IP version	Type	Protocol	Port range
<input type="checkbox"/>	-	sgr-04434b4d4a018a...	IPv4	MySQL/Aurora	TCP	3306
<input type="checkbox"/>	-	sgr-01aafc6bf5cc40972	IPv4	Custom TCP	TCP	0

Nuestra subnet publica:

Route tables (1/5) Info [Last updated 2 minutes ago](#) [Actions](#) [Create route table](#)

Find resources by attribute or tag

<input type="checkbox"/>	Name	Route table ID	Explicit subnet associ...	Edge associations	Main	VPC
<input type="checkbox"/>	-	rtb-0c1149f9d5390225e	-	-	Yes	vpc-0a62267a803f319ec Work VPC
<input type="checkbox"/>	-	rtb-06e00edb447f9b9f3	-	-	Yes	vpc-082f148d1b4d98a64
<input type="checkbox"/>	Work Public Route Table	rtb-08adb7d7185863826	subnet-0989c292702a83...	-	No	vpc-0a62267a803f319ec Work VPC
<input type="checkbox"/>	-	rtb-042f5a188147f7483	-	-	Yes	vpc-02303036ed1c8f8c1 desafio6-vpc
<input checked="" type="checkbox"/>	route6	rtb-0522054c9a6cfd32a	2 subnets	-	No	vpc-02303036ed1c8f8c1 desafio6-vpc

Y aseguramos nuestra Route table para ambas subredes públicas.

Subnet associations (2) [Edit subnet associations](#)

Find subnet association

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR
subnet-pub2	subnet-0a4b7fb91098ada66	10.0.16.0/20	-
subnet-pub	subnet-07f2fb4806911b799	10.0.0.0/24	-

Creando un subgrupo de redes de BBDD

[RDS](#) > [Subnet groups](#) > db-subnet-group6

db-subnet-group6

Subnet group details

VPC ID

vpc-02303036ed1c8f8c1 [↗](#)

ARN

arn:aws:rds:us-east-1:143954355285:subgrp:db-subnet-group6

Supported network types

IPv4

Description

Tutorial DB Subnet Group

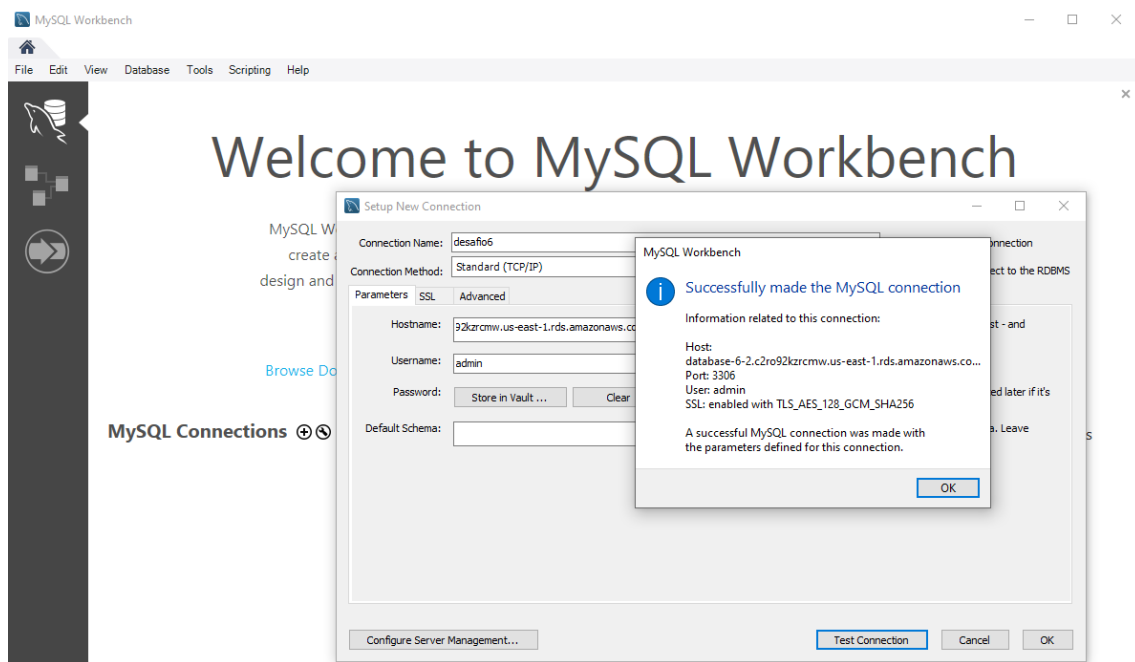
Subnets (2)

Availability zone	Subnet ID
us-east-1b	subnet-0a4b7fb91098ada66 ↗
us-east-1a	subnet-07f2fb4806911b799 ↗

Creando la BBDD

User: admin

Pass: pepe2222



```
ERROR 2002 (HY000): Can't connect to MySQL server on 'database-6-2.c2ro92kzrcmw.us-east-1.rds.amazonaws.com' (115)
[cloudshell-user@ip-10-140-109-12 ~]$ mariadb -h database-6-2.c2ro92kzrcmw.us-east-1.rds.amazonaws.com -u admin -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 61
Server version: 10.11.8-MariaDB-log managed by https://aws.amazon.com/rds/

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

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

MariaDB [(none)]>
```

La conexión con mediante CLI o Workbench fue exitosa.