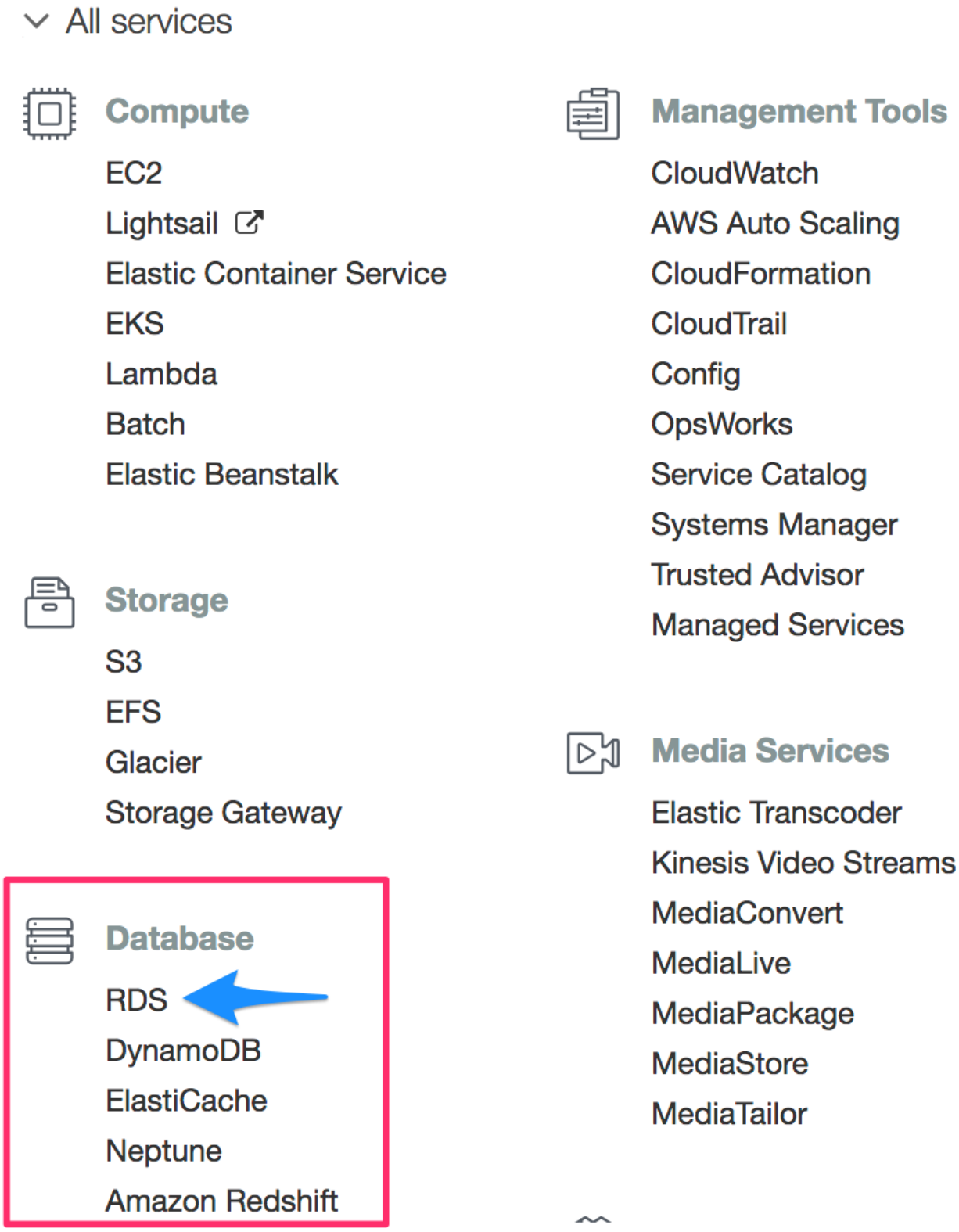
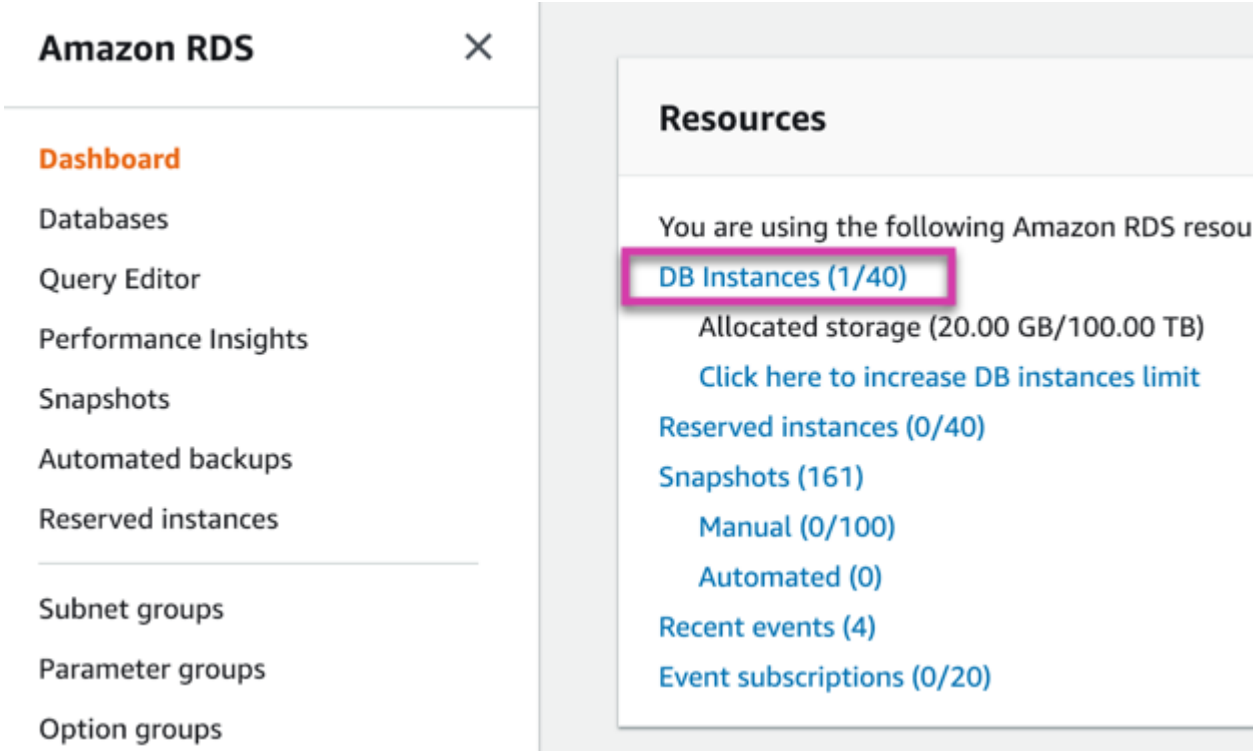
RDS, PostgreSQL, and pgAdmin

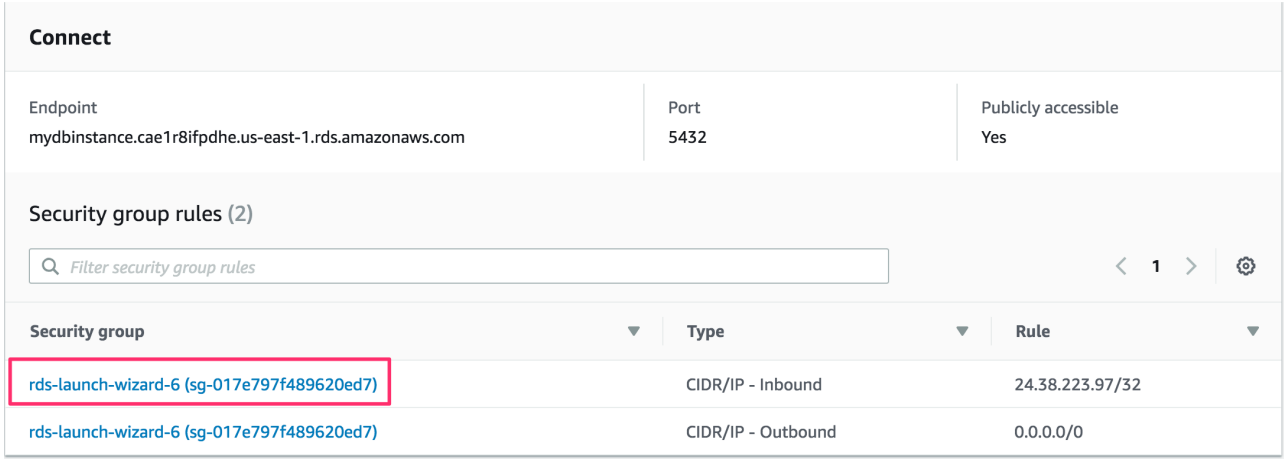
- Open the pgAdmin UI.
- Log in to the AWS console and navigate to **RDS** under **Database**.



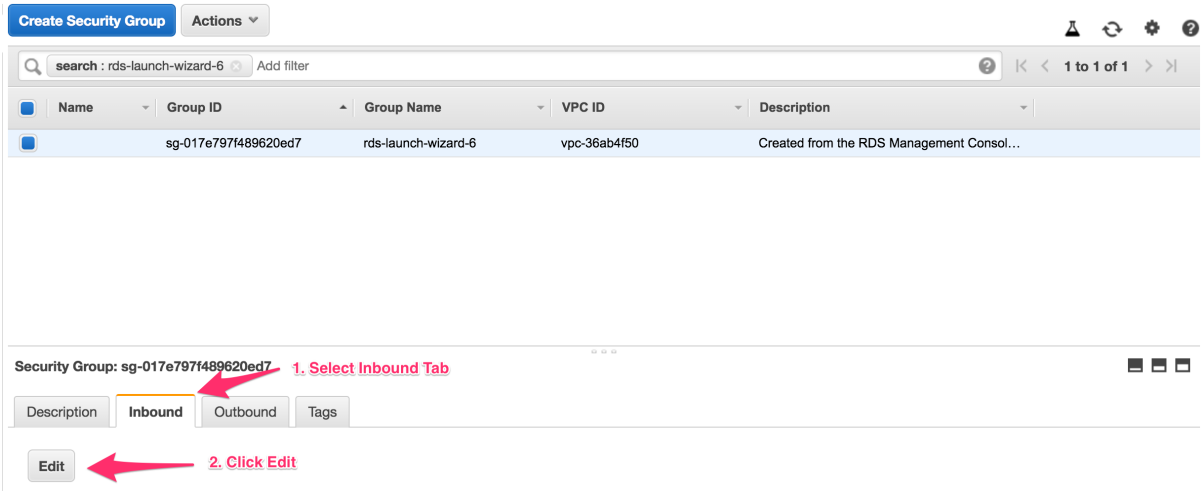
- Navigate to **Instances** in the **Resources** section.



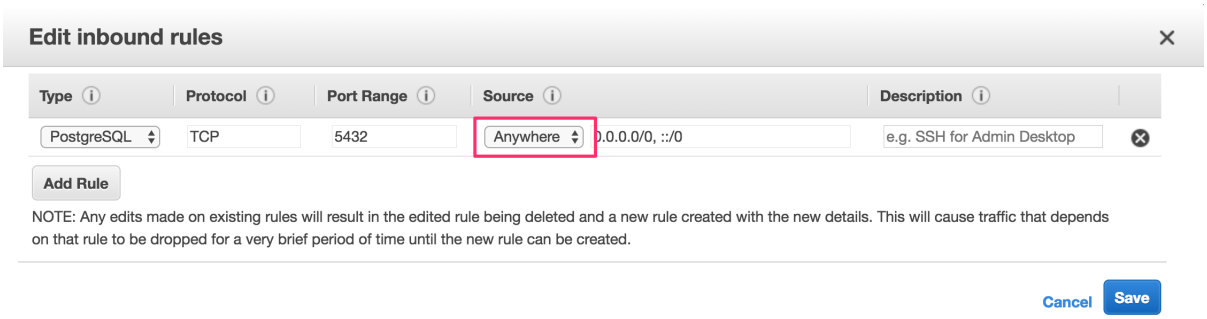
- Go to the database created earlier, `mypostgresdb`.
- Navigate to the **Security Group** rules section on the right.
- Click the security group for type **CIDR/IP - Inbound**.



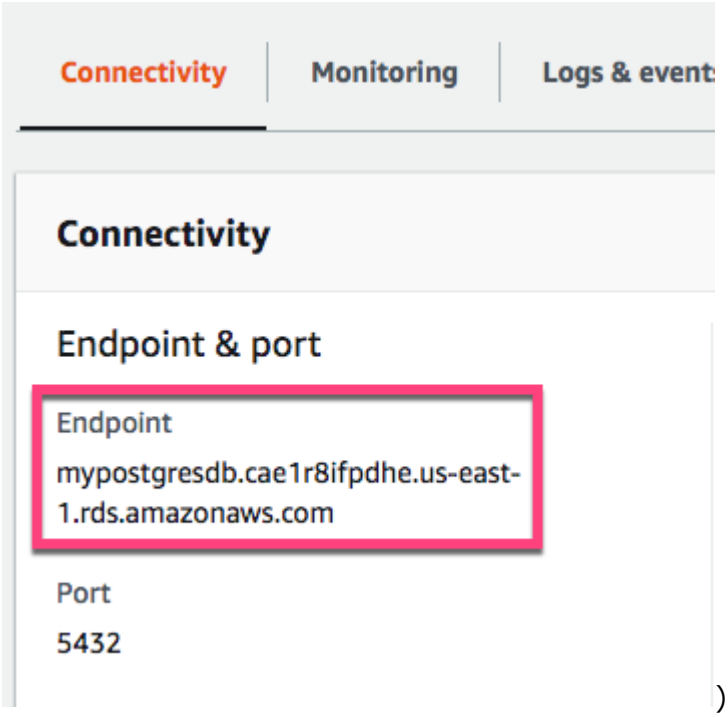
- This will navigate to a new page. Follow these steps to give the database access to all inbound traffic:
    - From the management console, navigate to the **Inbound** tab on the bottom part of the screen, and then click **Edit**. This will bring up a menu to set rules for the security group.



- Change the Source to **Anywhere** and click **Save**. The RDS instance will now accept a connection from anywhere. This isn't completely open to the world because the endpoint, username, and password are still needed to connect.



- Navigate back to the instance console and find your endpoint, found in the **Connectivity** tab.



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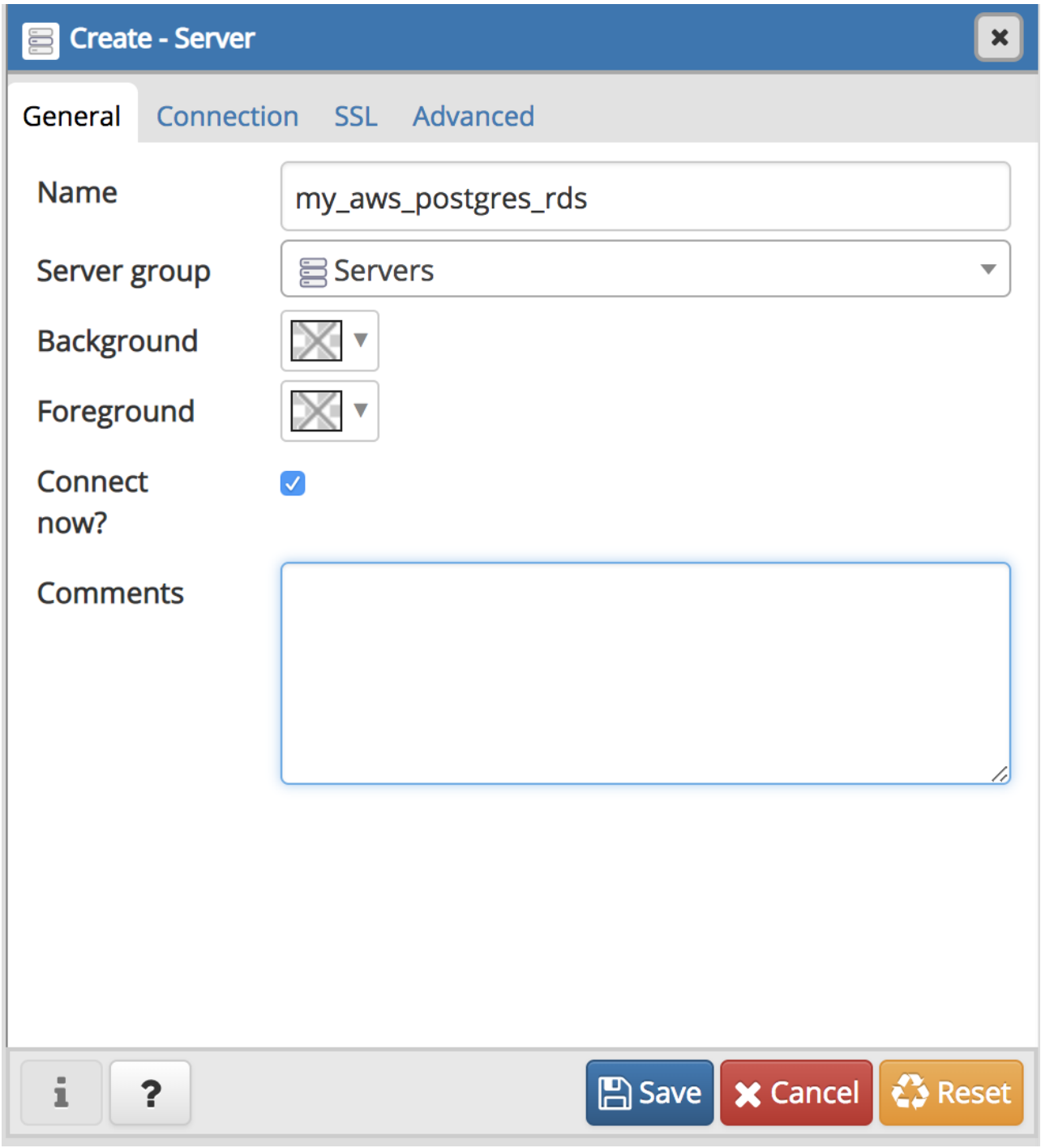
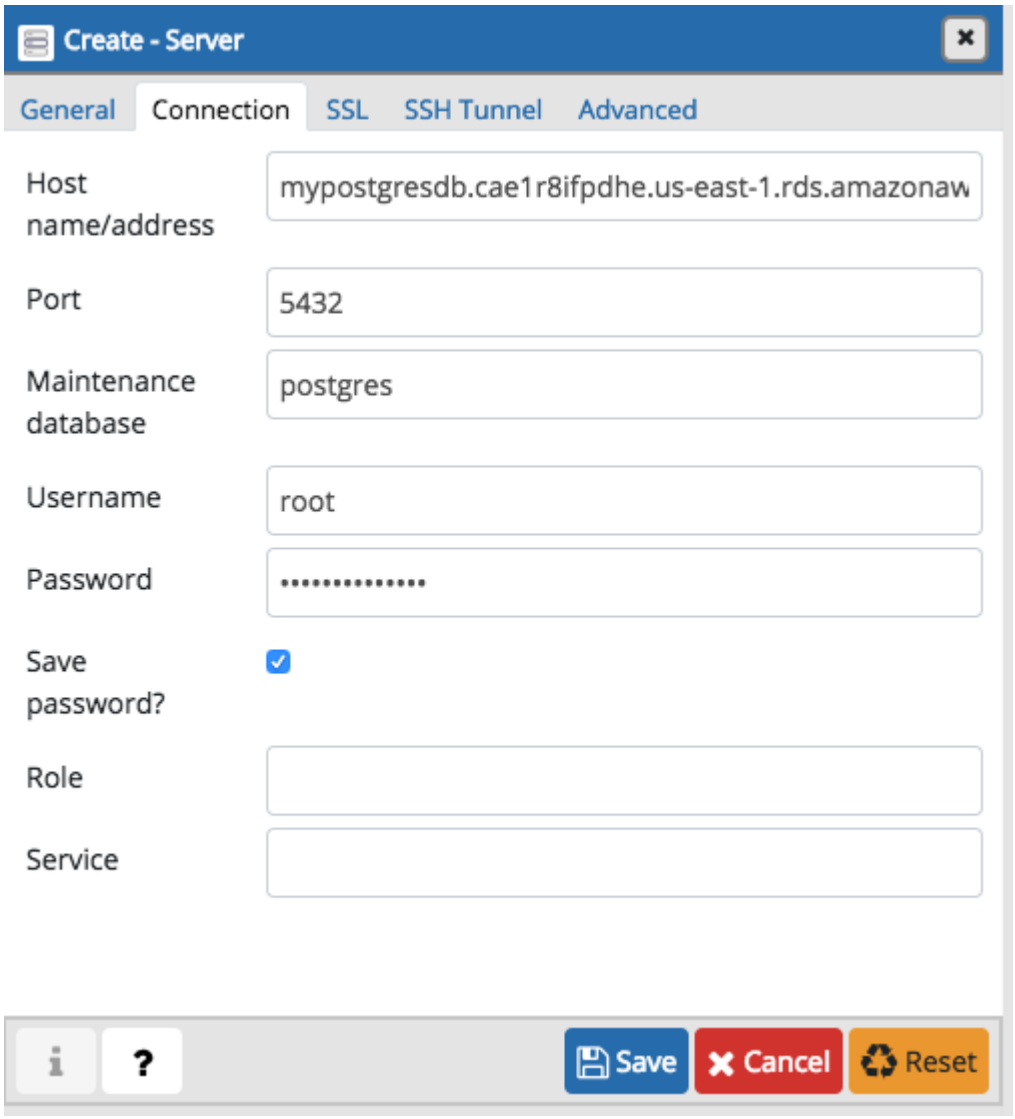
- Open pgAdmin, right-click on **Servers**, and then go to **Create - Server**. Then take the following steps to create a connection to the AWS RDS instance.

- Under the General tab, enter the server name as **my_aws_postgres_rds**.



- Under the **Connection** tab, do the following:
    - Enter the endpoint in the **Hostname/address** field. This is unique to the instance.
    - Enter `postgres` in the **Maintenance** database field. This is the default for all Postgres RDS instances.
    - Enter the username in the **Username** field, which is `root` in this case.
    - Enter the password that was created for your RDS instance.
    - Check the box next to **Save Password**.
- Click **Save**. If all information is entered correctly, this will set up the connection and not return an error.


Create - Server
General
Connection
SSL
SSH Tunnel
Advanced
Host name/address
mypostgresdb.cae1r8ifpdhe.us-east-1.rds.amazonaw
Port
5432
Maintenance database
postgres
Username
root
Password
Save password?
Role
Service
Save
Cancel
Reset