Configuring automatic scaling capabilities for PostgreSQL using Amazon RDS:

# Step 1: Create a PostgreSQL database instance

* Log in to the AWS Management Console.
* Open the Amazon RDS console at https://console.aws.amazon.com/rds/.
* Click on "Create database" and select "PostgreSQL" as the database engine.
* Configure the database instance settings such as DB instance size, storage, and network options.
* Specify the database instance identifier, master username, and password.
* Click on "Create database" to launch the PostgreSQL instance.

# Step 2: Enable Auto Scaling

* In the Amazon RDS console, select your PostgreSQL instance from the list.
* In the "Details" section, click on "Modify".
* Under the "Auto Scaling" section, click on "Enable Auto Scaling".
* Choose the desired minimum and maximum capacity for your database cluster.
* Configure the "Scaling Configuration" by specifying the minimum and maximum values for CPU utilization, connections, or memory utilization.
* Click on "Save changes" to enable Auto Scaling for your PostgreSQL instance.

# Step 3: Create a scaling policy

* In the Amazon RDS console, select your PostgreSQL instance from the list.
* In the "Details" section, click on "Modify".
* Scroll down to the "Auto Scaling" section and click on "Add new policy".
* Choose the metric you want to base the scaling on, such as CPU utilization, connections, or memory utilization.
* Define the scaling action, including whether to scale up or down and the amount of change.
* Set the cooldown period, which is the time period after a scaling activity during which further scaling activities are not allowed.
* Click on "Save changes" to create the scaling policy.

# Step 4: Monitor and test the scaling

* Monitor the performance metrics of your PostgreSQL instance in the Amazon RDS console.
* Observe how the Auto Scaling feature adjusts the capacity of the database cluster based on the scaling policies you defined.
* Test the scalability by generating a workload that triggers the defined scaling policies and monitor the scaling activities.

It's important to note that configuring and testing Auto Scaling requires proper monitoring and adjustment of scaling policies to ensure the database cluster scales effectively based on your application's requirements.