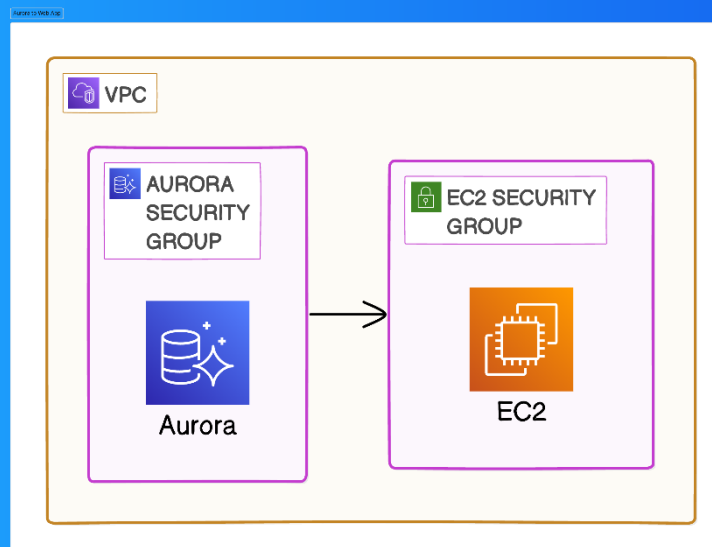




Aurora Database With EC2



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Introducing Today's Project!

What is Amazon Aurora?

Amazon Aurora manages relational database service by AWS, compatible with MySQL and PostgreSQL. It offers high performance, scalability, and availability at a fraction of the cost of traditional databases, making it ideal for cloud-based apps.

How I used Amazon Aurora in this project

By creating an Amazon Aurora database with MySQL database, launching an EC2 instance, and then connecting our database to our EC2 instance.

One thing I didn't expect in this project was...

Connecting to EC2 instance is first priority.

This project took me...

It took me 55 minutes.

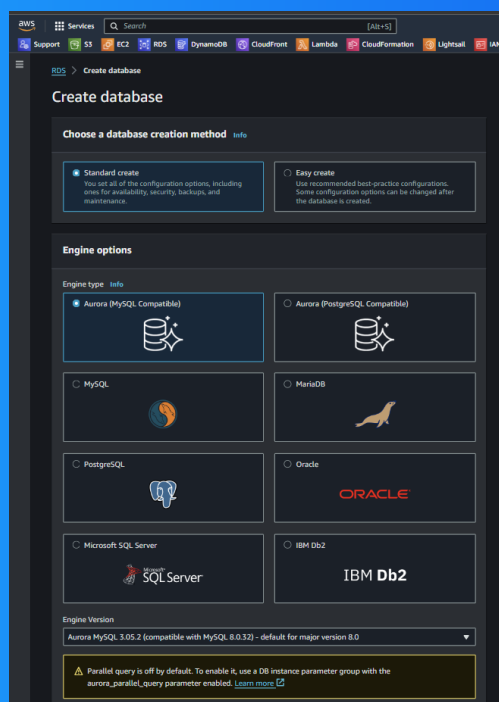


In the first part of my project...

Creating an Aurora Cluster

A relational database is a type of database that organizes data into tables, which are collections of rows and columns. Kind of like a spreadsheet! We call it "relational" because the rows relate to the columns and vice-versa.

Aurora is a good choice when something large-scale, with peak performance and uptime. This is because Aurora databases use clusters.





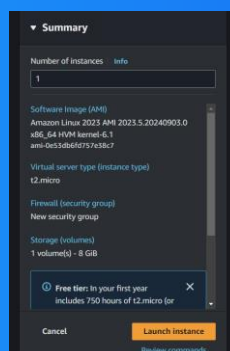
Halfway through I stopped!

I stopped creating my Aurora database because we need an EC2 instance to connect to the web app server.

Features of my EC2 instance

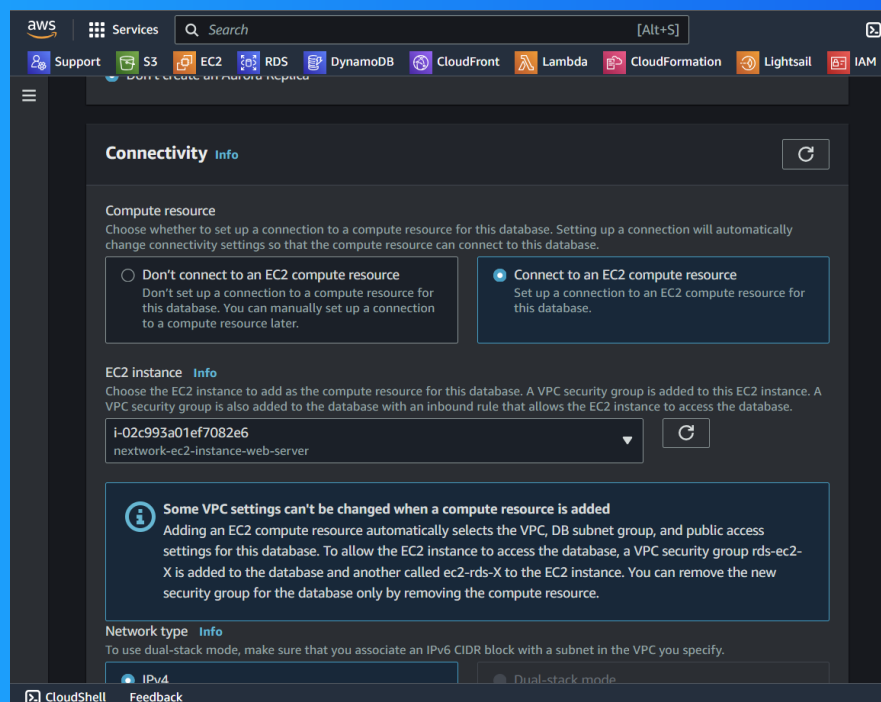
I created a new key pair for my EC2 instance to get access to my EC2 instance. We need keys to our EC2 instance if we want to add, change, or update how our EC2 instance is running.

When I created my EC2 instance, I took particular note of AMI and created a Key Pair for a secure connection to EC2, in the Network settings Allow SSH traffic.





Then I could finish setting up my Database



Aurora Database uses clusters because of Scalability, Flexibility, and Separation of Compute. The clusters is fundamental to Aurora's ability to provide scalable, highly available, and flexible database performance.



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