



Aurora Database with EC2



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Engine options

Engine type [Info](#)

Aurora (MySQL Compatible)

Aurora (PostgreSQL Compatible)

MySQL

MariaDB

PostgreSQL

Oracle

Microsoft SQL Server

IBM Db2

Engine Version

Aurora MySQL 3.05.2 (compatible with MySQL 8.0.32) - default for major version 8.0 ▾

 TA

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Introducing Today's Project!

What is Amazon Aurora?

Amazon Aurora is a fully managed relational database service that combines the best of MySQL and PostgreSQL. It offers high performance, scalability, and availability, making it ideal for demanding applications

How I used Amazon Aurora in this project

we used Amazon Aurora in today's project by creating an Amazon Aurora database, setting up an EC2 instance separately, and then connecting that Aurora to that EC2 instance.

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

n/a

This project took me...

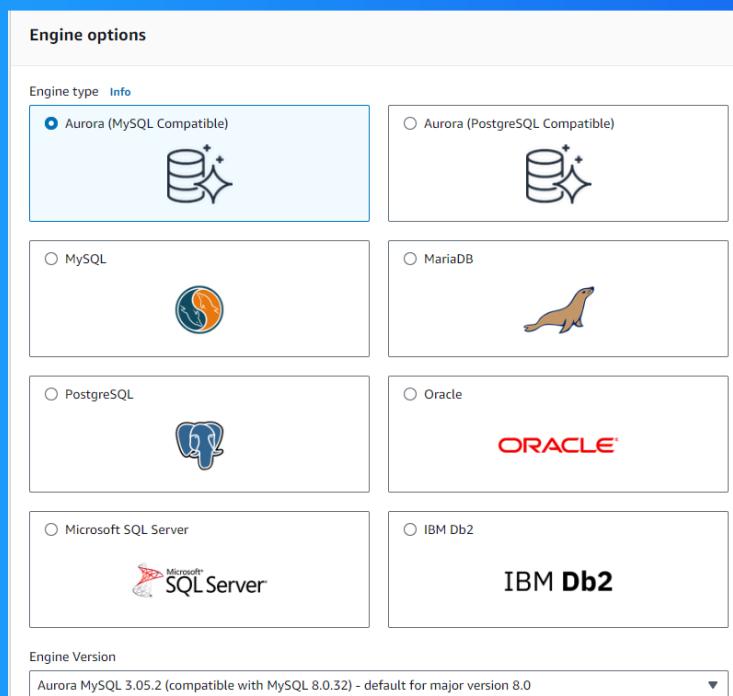
30 mins

In the first part of my project...

Creating an Aurora Cluster

in this project, we are going to set up an Amazon Aurora database, launch an EC2 instance, and then connect our database to our EC2 instance.

Aurora is a good choice when you need a high-performance, highly available, and scalable relational database that's fully managed. It offers automatic backups, point-in-time recovery, and seamless scaling.



Halfway through I stopped!

I stopped creating my Aurora database because we need to connect this database to an EC2 instance. We will need to set up that EC2 instance first before completing our database setup.

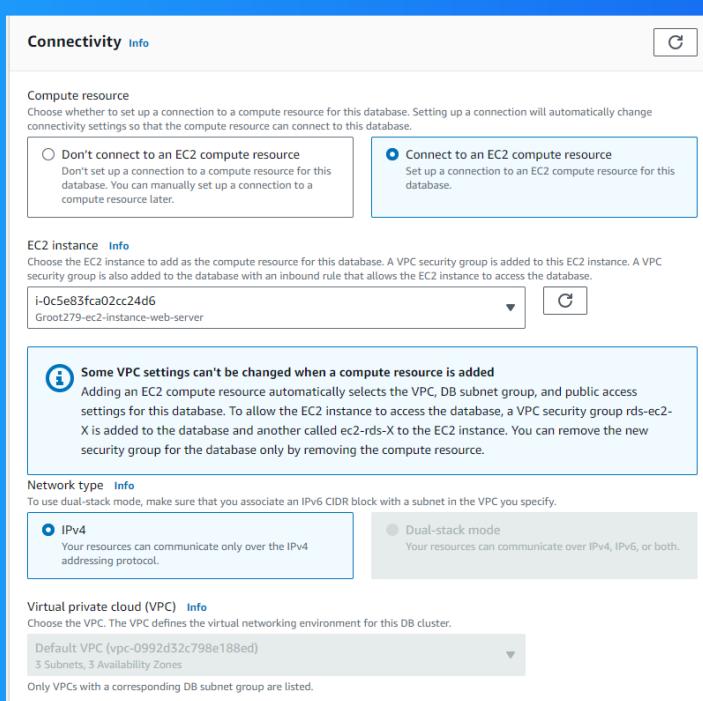
Features of my EC2 instance

I created a new key pair for my EC2 instance because it will help secure it and give me direct access to it so that I can configure it, create a web app, and connect it to my Aurora database next.

When I created my EC2 instance, I took particular note of the EC2 instance's IPv4 DNS and key pair name! These two work together to inform us of the EC2 instance's location (i.e., our web server) and the keys that will give us access to it.



Then I could finish setting up my database



Aurora Database uses clusters because this enables high availability. Clusters mean there are multiple copies of the same database, so if the primary instance fails, there are backups(read replicas) that would still be available and in operation.



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