



# Aurora Database with EC2



Ronson Lobo

**Choose a database creation method**

Standard create  
You set all of the configuration options, including ones for availability, security, backups, and maintenance.

Easy create  
Use recommended best-practice configurations. Some configuration options can be changed after the database is created.

**Engine options**

Engine type [Info](#)

Aurora (MySQL Compatible)

Aurora (PostgreSQL Compatible)

MySQL

MariaDB



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# Introducing Today's Project!

## What is Amazon Aurora?

Amazon Aurora is a relational database service that offers high performance and availability at scale. It's useful because it combines the speed and availability of commercial databases with the simplicity and cost-effectiveness of open-source databases.

## How I used Amazon Aurora in this project

I used Amazon Aurora to connect a EC2 instance and to store the data after connecting to the web application

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

Amazon Aurora has great feature of clusters for large data base

## This project took me...

I was able to complete this project in 45 mins

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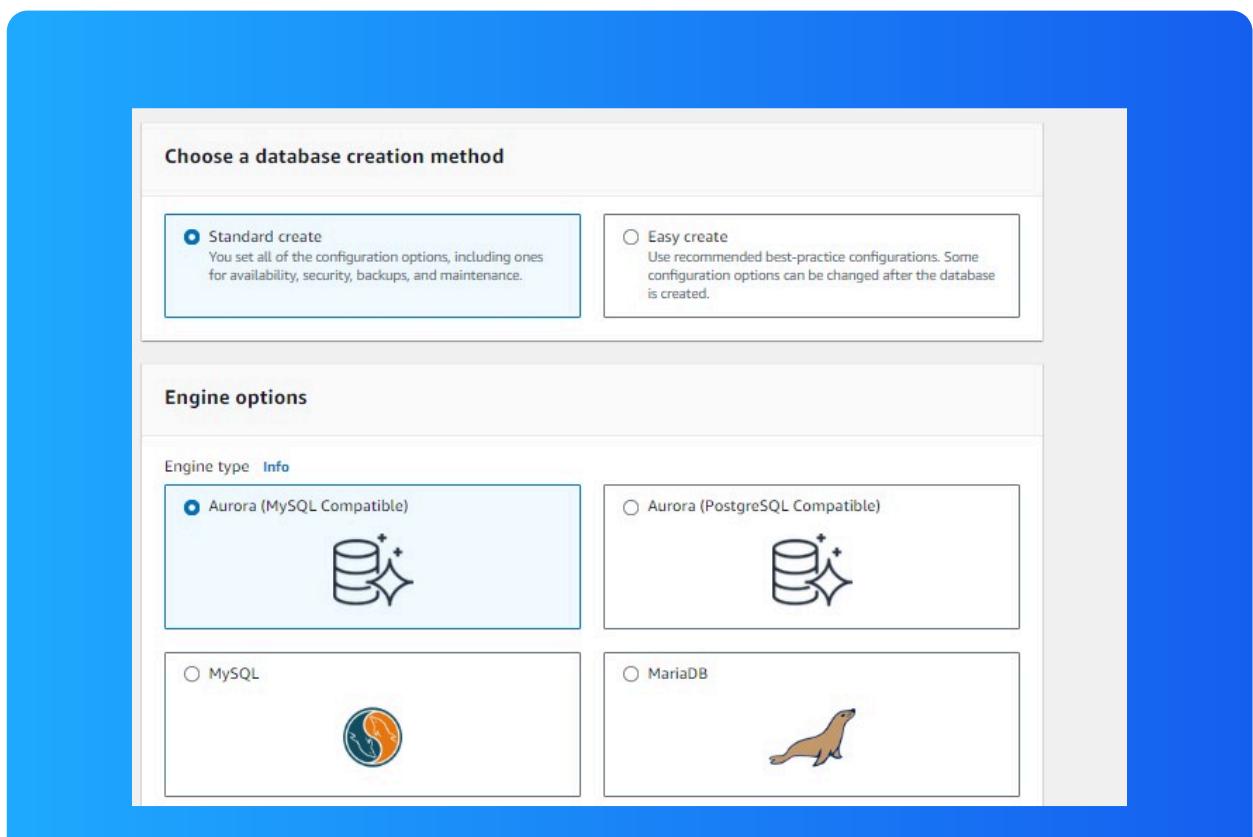
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# In the first part of my project...

## 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.

AWS Aurora, if we need something large-scale, with peak performance and uptime, This is because Aurora databases use clusters (more on that later!). Ordinary relational databases, like MySQL and Oracle are more generic and cost-effective.





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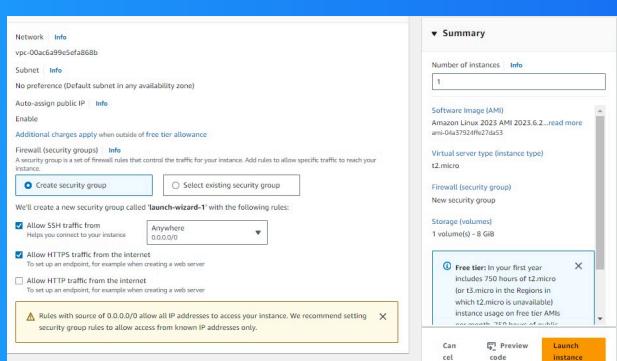
# Halfway through I stopped!

I stopped creating my Aurora database because We haven't even created an EC2 instance

## Features of my EC2 instance

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

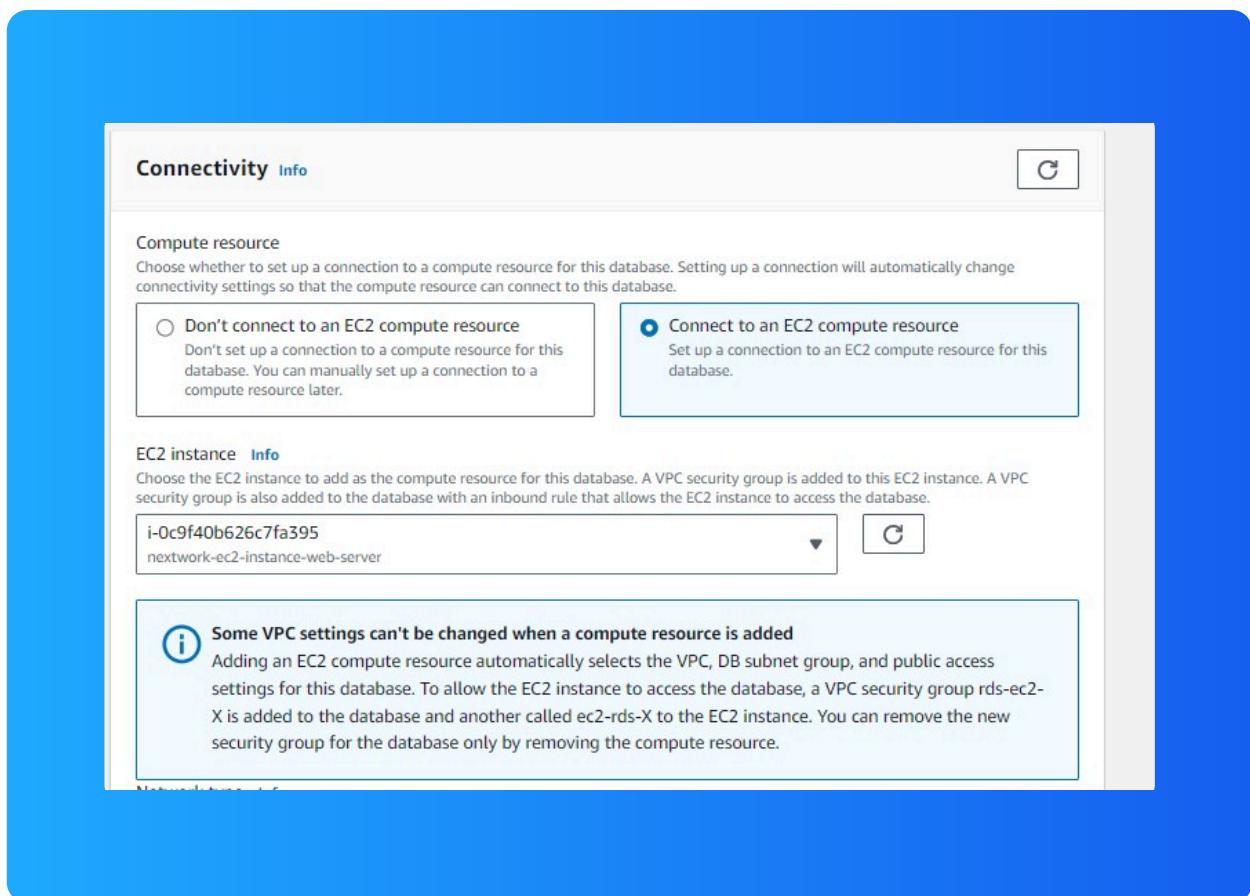
When I created my EC2 instance, I took particular note of Public ipv4 DNS name, Keypair, instance type and summary page while creating instacne



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# Then I could finish setting up my database



Aurora Database uses clusters because to manage data across multiple availability zones (AZs) and to increase high availability:



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