

# Assignment A: Amazon Aurora DB

Rodrigo Antonio Costa Tavares  
d20125370@mytudublin.ie





**Rodrigo Tavares**

tavaresrodrigo

Sr. DevOps engineer and Container enthusiast.

Edit profile

🔗 5 followers · 10 following · ☆ 5

📍 Dublin

✉ rodrigo.actavares@gmail.com

🌐 <https://www.linkedin.com/in/tavaresrodrigo/>

🐦 @RodrigoCTavares

Get the code from my GitHub



<https://github.com/tavaresrodrigo/ADBTU60Aurora>

# What will be covered in this demonstration?

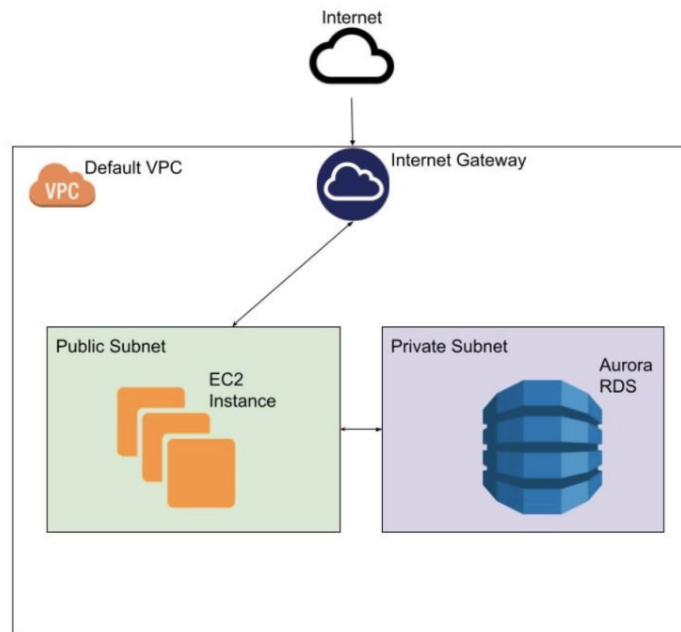
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After completing this demonstration lab you will be able to:

- Understand the Aurora DB architecture.
- Get familiarized with AWS RDS Aurora Capabilities in MySQL.
- Deploy an Aurora DB Instance with MySQL in AWS.
- Connect to the Database remotely from your laptop.
- Create an Aurora Read Replica.
- Terminate the resources create in your AWS Account.

# Architecture

1. Operational Excellence
2. Security
3. Reliability
4. Performance Efficiency
5. Cost Optimization



# Requirements



## AWS Account

Create and activate an AWS account.

<https://aws.amazon.com/account/>



## Terraform

Install terraform to automate the DB Instance installation.

<https://learn.hashicorp.com/tutorials/terraform/install-cli>



## AWS CLI

Install AWS CLI in order to be able to send commands to AWS.

<https://docs.aws.amazon.com/cli/latest/userguide/getting-started-install.html>



## AWS Credentials

Configure the AWS Credentials Profile.

<https://docs.aws.amazon.com/cli/latest/userguide/cli-config-profiles.html>

Getting started...



Thank you!

