Step 1: Delete your old VPCs and resources.

Diagram

Description automatically generated

New Resources:

VPC

Subnets:

Public-A: 192.168.0.0/25 in \*-a AZ, Auto-assign Public IP enabled  
 Public-B: 192.168.0.128/25 in \*-b AZ, Auto-assign Public IP enabled

Private-A: 192.168.1.0/25 in \*-a AZ

Private-B: 192.168.1.128/25 in \*-b AZ

Route Tables:

Public via IGW

Private via NGW

NAT Gateway in public Subnet

RDS:

Postgres – use the smallest t2/t3 instance size there is.

DB Subnet Group (Private-A, Private-B)

ECR: Create a Docker ECR Repository.

Route 53:  
Use a r53 data source to get the zoneid for d63a8c22cfb9.co.uk

Create a private zone for your DB’s records

Create a CNAME pointing from <yourname.d63a8c22cfb9.co.uk> to the ALB’s DNS Name

ALB:

Create an Application Load Balancer

ECS Fargate Cluster:

Create task definition to launch your Docker Image from the ECR repo

Create a Service for the Task Definition, connected to the ALB

ACM/Cert Manager:

Create a SSL Cert for <yourname.d63a8c22cfb9.co.uk> which can be used by the ALB

Put the Verification records in Route53.

Diagram

Description automatically generated