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 an SSL Cert for <yourname.d63a8c22cfb9.co.uk> which can be used by the ALB
* Put the Verification records in Route53.

Diagram

Description automatically generated