



VPC
noteapp-vpc

SG: Note-APP-SG-PostgresDB
SG Note-APP-SG-Backend -> 5432

Amazon RDS Postgres
DB_notes_app

Private subnet
noteapp-subnet-private1

Private subnet
noteapp-subnet-private1

Public subnet
noteapp-subnet-public1

Public subnet
noteapp-subnet-public2

Internet
Gateway
noteapp-igw

Internet

SG: Note-APP-SG-ALB
0.0.0.0 -> 80
0.0.0.0 -> 443

Application Load
Balancer
notes-app-ALB

Target Group
notes-app-TG-backend

Target Group
notes-app-TG-frontend

Elastic Container Service
ecs-notes-app-cluster

SG: Note-APP-SG-Backend
SG Note-APP-SG-ALB -> 5000

Fargate
ecs-notes-app-backend-service

SG: Note-APP-SG-Frontend
SG Note-APP-SG-ALB -> 3000

Fargate
ecs-notes-app-frontend-service

Elastic Container Registry
ecr-notes-app-backend

Elastic Container Registry
ecr-notes-app-frontend

GitHub Actions



Clients