Highly Available App Diagram

AWS

VPC

Public Internet

Internet gateway

ALB
ALB SG

Public Subnet 1

NAT gateway1

Public Subnet 2

NAT gateway2

172.16.0.0
172.16.1.0
172.16.2.0

AZ2

Public Route Table

Private Subnet 1

S3 Access

172.16.0.0
172.16.1.0
172.16.2.0

T2 medium Instances

Private Route table

Private Subnet 2

S3 Access

T2 medium Instances

security group

Private Subnet 3

DB standby

Private Subnet 4

DB

S3 VPC endpoints

S3 Bucket

Auto Scaling group