Amazon S3

AWS

VPC

Bastion Host

instances

subnet-3

DB on instance

subnet-5

Availability Zone A

Amazon Route 53

IGW

ELB

subnet-2

instances

subnet-4

DB on instance

subnet-6

Availability Zone B

VPC - 10.0.0.0/16

Subnet 1: 10.0.1.0/24
Subnet 2: 10.0.2.0/24
Subnet 3: 10.0.3.0/24
Subnet 4: 10.0.4.0/24
Subnet5: 10.0.5.0/24
Subnet 6: 10.0.6.0/24

Subnet1 and subnet 2 are Public

Subnet 3 and subnet 4 Private

Subnet 5 and subnet 6 DB

PUblic Route:-
10.0.0.0/16   local
0.0.0.0/0   IGW

Private Route:-
10.0.0.0/16   local
0.0.0.0/0   NAT

DB Route
10.0.0.0/16   local