public network

internet
gateway

aws cloudplatform

us-east-1 [region]

vpc: easybuyvpc, cidr: 10.1.0.0/16

us-east-1a (az)

easybuypubsn1, 10.1.1.0/24 (testing)

redis-cli

Amazon
EC2
[jumpbox/test server]

easybuyprvsn2, 10.1.2.0/24

us-east-1b (az)

easybuyprvsn3, 10.1.3.0/24

us-east-1c (az)

routetable: easybuyigwrt
vpc: easybuyvpc
subnet association: easybuypubsn1

cidr	target
10.1.0.0/16.	local
0.0.0.0/0.	easybuyigw

1. security group for ec2 jumpbox or test machine within public subnet
security group: easybuyjumpboxsg
vpc: easybuyvpc
ingress
protocol port cidr   action
ssh   22   0.0.0.0/0 allow

egress
protocol   port cidr   action
any traffic any   0.0.0.0/0 allow

2. security group for elastic cloud cache (redis)
security group: easybuyecsg
vpc: easybuyvpc
ingress
protocol   port cidr   action
Custom TCP   6379 10.1.0.0/16 allow

egress
protocol   port cidr   action
any traffic any   0.0.0.0/0 allow

clustered

500 mb
redis shard

read/write read replicas
primary

read replicas

AZ

500 mb
redis shard

read/write read replicas
primary

read replicas

AZ