

AWS

Scalable Web Application with ALB and Auto Scaling

VPC



Users

Application Load Balancer



VPC Internet Gateway

PublicRouteTable

VPC NAT Gateway 1

Public Subnet 1 10.0.0.0/24

PrivateRT1

Auto Scaling (4-8 EC2 Instances)

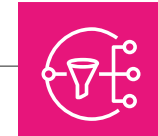
EC2 security group

Private Subnet 1 10.0.2.0/24



MySQL

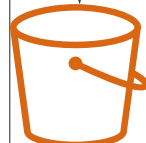
RDB MySQL AZ1



Amazon SNS



Amazon CloudWatch



S3 Bucket



MySQL

RDB MySQL AZ2

EC2 security group

Private Subnet 2 10.0.3.0/24



AWS Systems Manager

VPC NAT Gateway 2

Public Subnet 2 10.0.1.0/24

PrivateRT2

virtual private cloud (10.0.0.0/16)

AWS cloud