# AWS High Availability Website

Stefano Lubis

**AWS Region**

**VPC**
10.0.0.0/16

DNS Resolution

Internet Gateway

**Availability Zone A**

Public subnet 10.0.240.0/24 (251 addresses)

NAT gateway

ALB

EC2 Bastion (active)

Autoscaling Min=max=1

EC2 Bastion (failover)

ALB

NAT gateway

**Availability Zone B**

Public subnet 10.0.241.0/24 (251 addresses)

Private subnet 10.0.16.0/20 (4091 addresses)

Private subnet 10.0.32.0/20 (4091 addresses)

RDS MySQL (active)

Writer instances

Autoscaling Min=1

Writer Instances

RDS MySQL (standby)

S3 configuration