## **AWS High Availability Website** DNS **AWS Region** Resolution **VPC** 10.0.0.0/16 Availability Zone A Internet Gateway Availability Zone B Public subnet 10.0.241.0/24 (251 addresses) Public subnet 10.0.240.0/24 (251 addresses) NAT NAT Autoscaling EC2 gateway gateway Min=max=1 EC2 Reader Writer Reader ( )-0 Writer ALB Bastion Bastion (active) (failover) Private subnet 10.0.16.0/20 (4091 addresses) Private subnet 10.0.32.0/20 (4091 addresses) **RDS** Autoscaling RDS min=1 Writer Writer MySQL MySQL Instances Instances Autoscaling RDS min=1 **RDS** Reader Reader Read MySQL Instances Instances Replica