



Users



Client Machines

AWS Cloud

Amazon Route  
53

Amazon  
CloudFront

Amazon S3 Bucket

AWS Region: us-east 1

Virtual Private Cloud VPC: 10.0.0/16

Availability Zone 1

Availability Zone 2



Public Subnet: 10.0.0.0/24



Public Subnet: 10.0.1.0/24



Private Subnet: 10.0.2.0/24



Private Subnet: 10.0.3.0/24

Auto Scaling Group



Web Server VM  
(2x m5a.4xlarge)



Web Server VM  
(2x m5a.4xlarge)

Auto Scaling Group



Application Server VM  
(2x m5a.4xlarge)

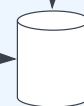


Application Server VM  
(2x m5a.4xlarge)

Database Server  
(db.m5.4xlarge)



Database Server Replica  
(db.m5.4xlarge)



Internet  
Gateway

Load  
Balancer

Load  
Balancer

Elastic  
IP  
address

NAT  
gateway

Elastic  
IP  
address

NAT  
gateway