



User



Client



Amazon  
CloudFront



bucket



AWS Cloud



Region



Virtual Private Cloud 10.0.0.0/16

Availability Zone: us-east-1a



Public Subnet 10.0.1.0/16



NAT  
gateway



Web Server VM  
(m5a.xlarge)



Internet  
gateway



Application  
Load  
Balancer

Auto Scaling group



Application  
Load  
Balancer

Auto Scaling group



Private Subnet 10.0.3.0/16



Application Server  
(m5a.xlarge)



Database  
(db.m5.xlarge)

Availability Zone: us-east-1b



Public Subnet 10.0.2.0/16



NAT  
gateway



Web Server VM  
(m5a.xlarge)



Private Subnet 10.0.4.0/16



Application Server  
(m5a.xlarge)



Database  
Replica  
(db.m5.xlarge)