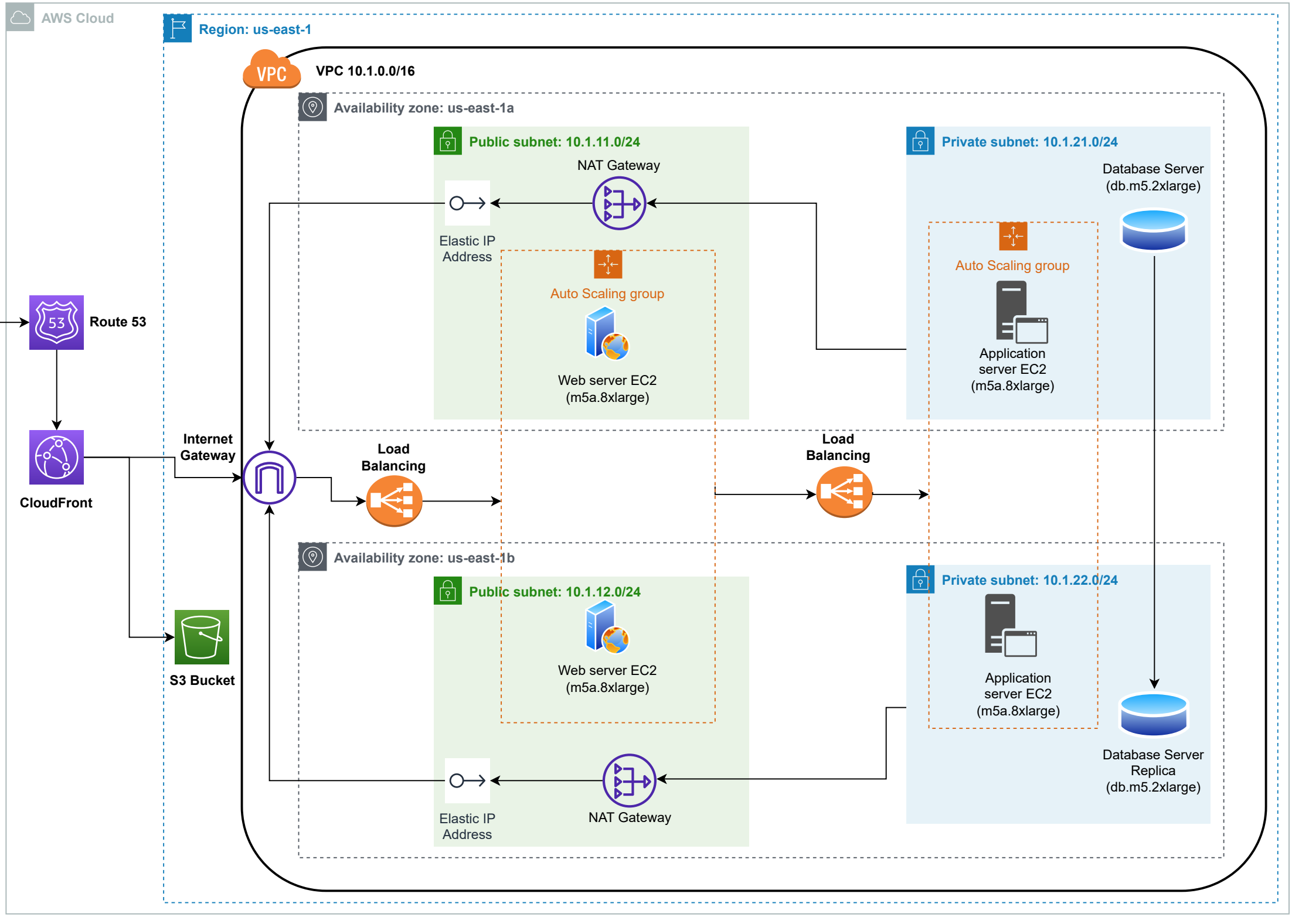
User client machines


AWS Cloud
Region: us-east-1
VPC
VPC 10.1.0.0/16
Availability zone: us-east-1a
Public subnet: 10.1.11.0/24
NAT Gateway
Elastic IP Address
Auto Scaling group
Web server EC2 (m5a.8xlarge)
Private subnet: 10.1.21.0/24
Database Server (db.m5.2xlarge)
Auto Scaling group
Application server EC2 (m5a.8xlarge)
Route 53
CloudFront
Internet Gateway
Load Balancing
Load Balancing
S3 Bucket
Availability zone: us-east-1b
Public subnet: 10.1.12.0/24
Web server EC2 (m5a.8xlarge)
Private subnet: 10.1.22.0/24
Application server EC2 (m5a.8xlarge)
Database Server Replica (db.m5.2xlarge)
Elastic IP Address
NAT Gateway