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AWS Cloud Architecture for 50,000 Application Users

Users

Amazon CloudFront

Amazon S3

Region (us-east-1)

VPC (10.0.1.0/16)

Availability Zone A

Public subnet (10.0.1.0/16)

NAT Gateway

Web Server
(2 x c5.large)

Private subnet (10.0.0.1/24)

Application Server
(2 x c5.large)

Amazon RDS

Database Server
Master

Internet Gateway

Application Load Balancer

Auto Scaling Group

Network Load Balancer

Auto Scaling Group

Availability Zone B

Public subnet (10.1.1.0/16)

Web Server
(2 x c5.large)

Private subnet (10.0.0.1/16)

Application Server
(2 x c5.large)

Amazon RDS

Database Server
Read Replica