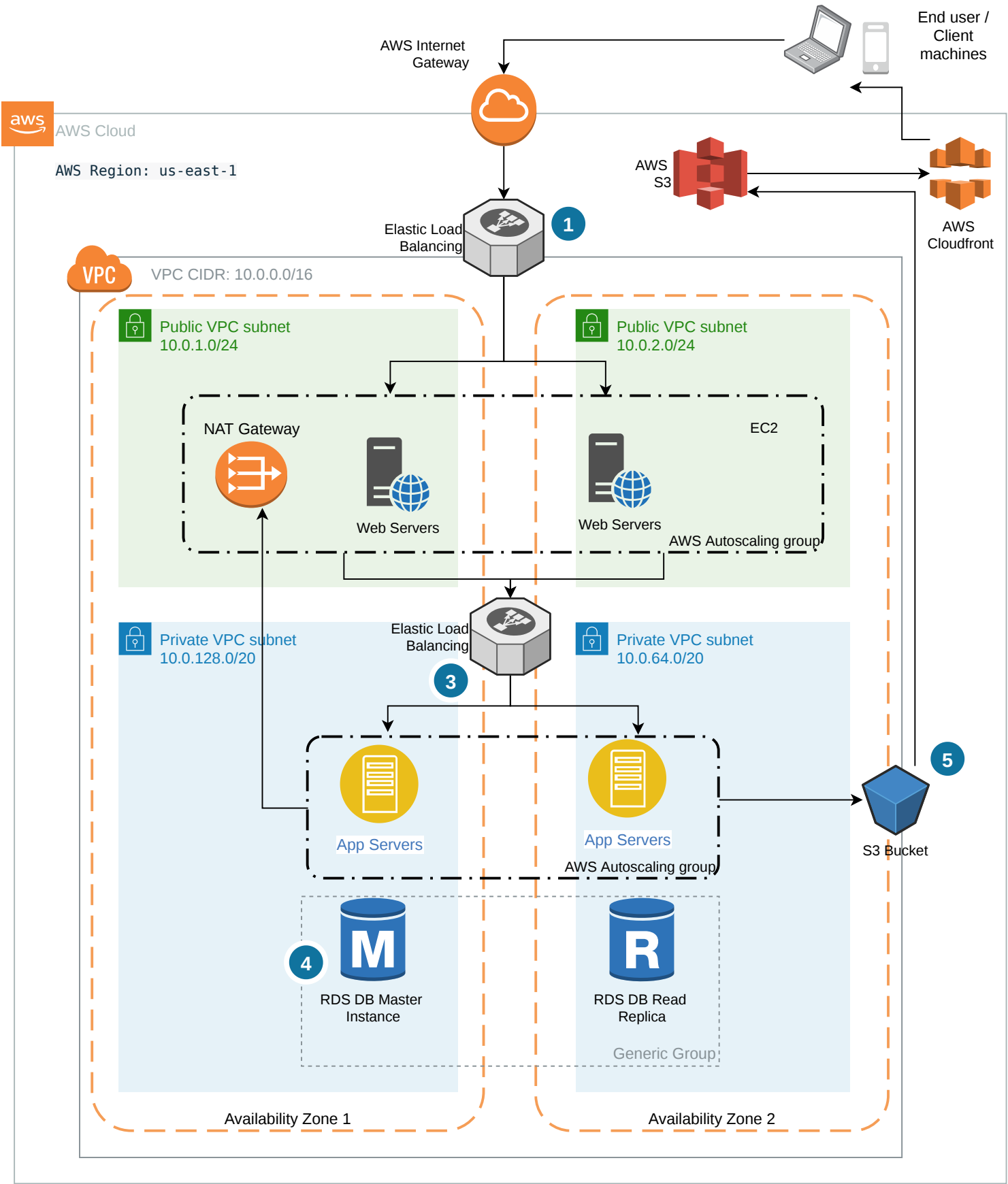


AWS Architecture - New social media app development project

This architecture is intended to support 50,000 single-region users

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- 1 Route users to backend using **elastic load balancing**, that scales automatically for incoming traffic.
- 2 Web servers on AWS EC2 instances in an **autoscaling group** which spans two AZs. According to the usage estimates **XXX use M4 instance types**.
- 3 Web and App tier separated, use a Elastic Load Balancer in private subnet to allocate incoming traffic to the App layer.
- 4 AWS RDS with read replica in a different AZ.
- 5 AWS S3 to store static assets using CloudFront as a globally distributed cache of content