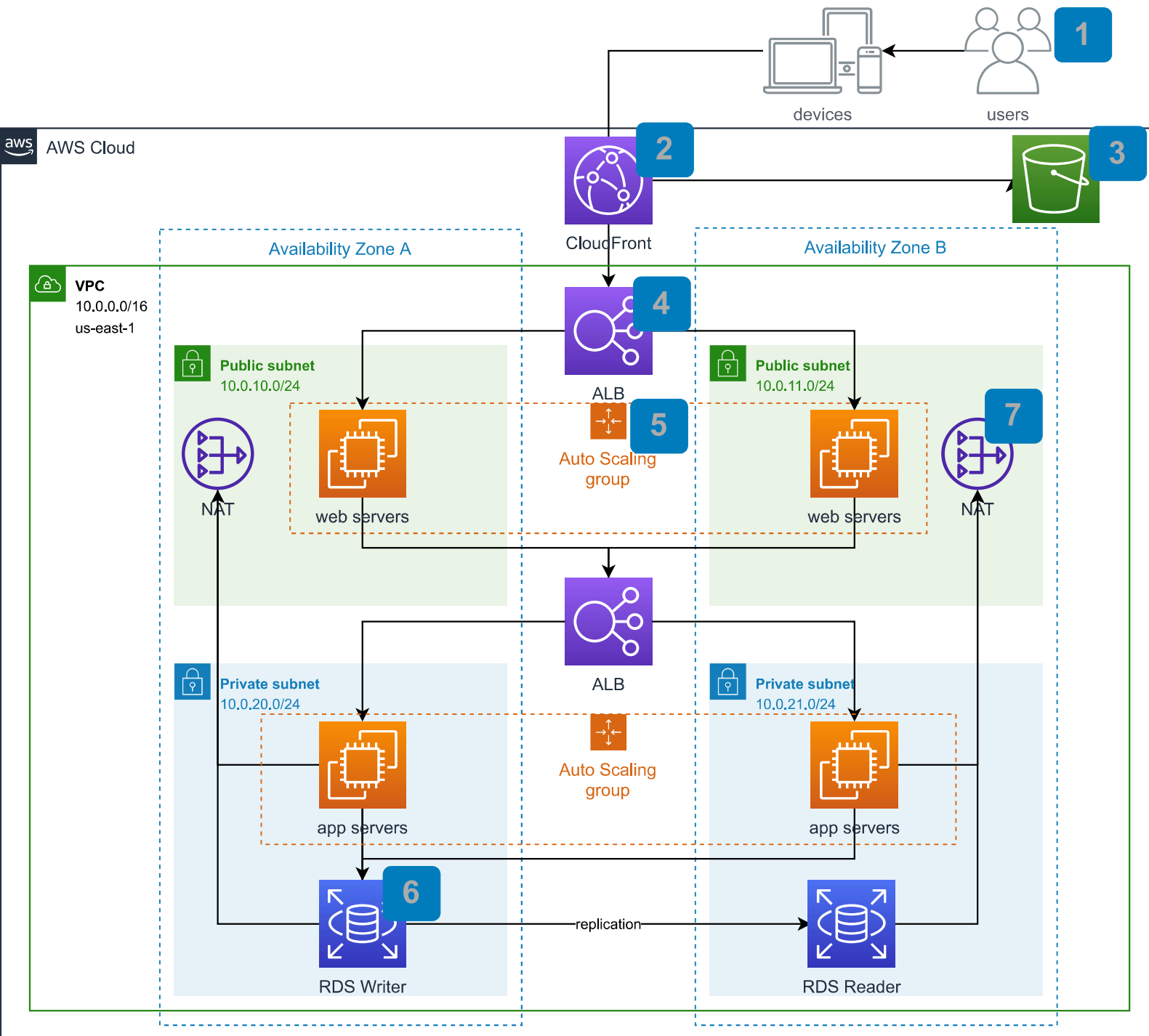


Cloud Architect Project 2 Task 1 Part 1

Brent Ellingson



- 1 50,000 users. Assume 10 request per user per 8 hr work day, or ~20 requests / second.
- 2 Cloudfront CDN delivers both dynamic and static content
- 3 static content from s3 bucket
- 4 dynamic content requests handled by application load balancer to distributed requests across EC2 instances and availability zones
- 5 autoscaling group to dynamically adjust capacity of web servers and application servers
- 6 relational database replicated to read-only database (multi-AZ deployment)
- 7 NAT in public subnet allows outbound calls from app server and database server EC2 instances