

AWS Solution Architecture Document

Generated on: 9/1/2025

Architecture Overview

Confidence Level: 95.0%

Analysis Date: 9/1/2025

Identified AWS Services

- Amazon Route 53 (network)
Count: 1
- S3 (storage)
Count: 1
- AWS WAF (security)
Count: 1
- Amazon CloudFront (content delivery)
Count: 1
- Internet Gateway (network)
Count: 1
- Application Load Balancer (network)
Count: 1
- VPC (network)
Count: 1
- ECS (compute)
Count: 1
- EC2 (compute)
Count: 2
- Auto Scaling Group (management)
Count: 1
- Amazon RDS (database)
Count: 1
- Amazon ElastiCache (database)
Count: 1

Recommendations & Best Practices

- Implement Multi-AZ deployment for RDS and ElastiCache for high availability
- Use AWS Secrets Manager for secure storage and management of database credentials
- Implement AWS Shield for additional DDoS protection
- Consider using AWS Lambda for serverless compute to reduce operational overhead
- Implement AWS Config for continuous monitoring and assessment of your AWS resource configurations