



CyberGirls 3.0 Final Project

A SERVERLESS WEB APPLICATION WITH MULTI-REGION DEPLOYMENT ON AWS



Group 5

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GROUP 5 MEMBERS



Tessa Mmaitzi Angelika



Deborah Omotade Ikeoluwapo



Sarah Karumuna Leonidas

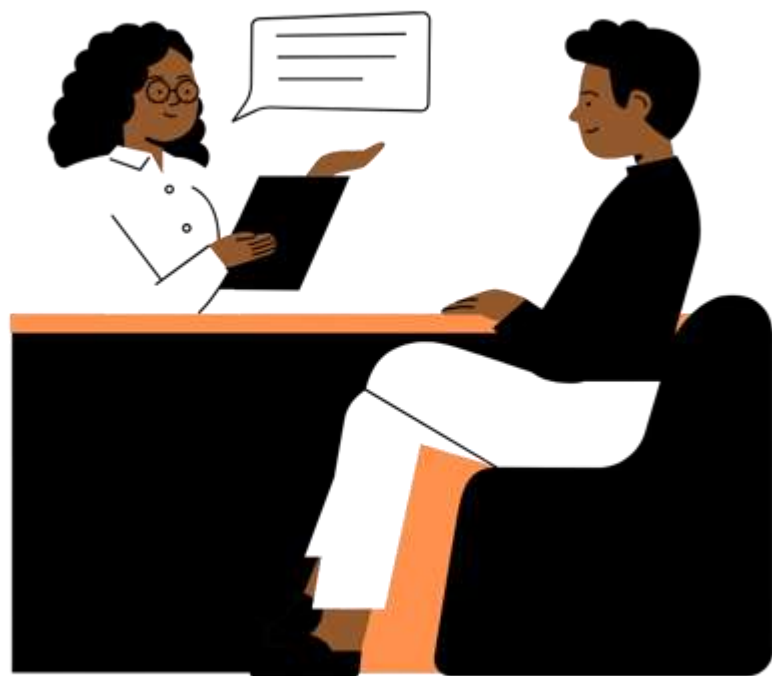


Gloria Rotich Chepkemoi



Janet Oluwatoyin Olabode

WHY SERVERLESS ARCHITECTURE



- Faster development and deployment
- Reduced operational overhead
- No server maintenance
- Cost-effectiveness

SHARED RESPONSIBILITY



CLOUD SERVICE PROVIDER

- Hardware/ AWS Global Infrastructure
- Compute/ Storage/ Database/ Network
- OS, Network, Firewall Configuration
- Platform & Application Management
- Network Traffic Protection
- Server-Side Encryption

FOSTE JEWELLERY

- Client-Side Data Encryption
- Customer Data
- Management of IAM Accounts

WHY MULTI-REGION DEPLOYMENT



- Business continuity
- High Availability
- Low Latency
- Scalability

AWS SERVICES DEPLOYMENT



S3 BUCKET

- 01 Store our static files like HTML, CSS and JS.

CLOUDFRONT

- 02 A content delivery network - connect our buckets through an origin group.

ROUTE 53

- 03 Allow the static files to be accessible through our custom domain.

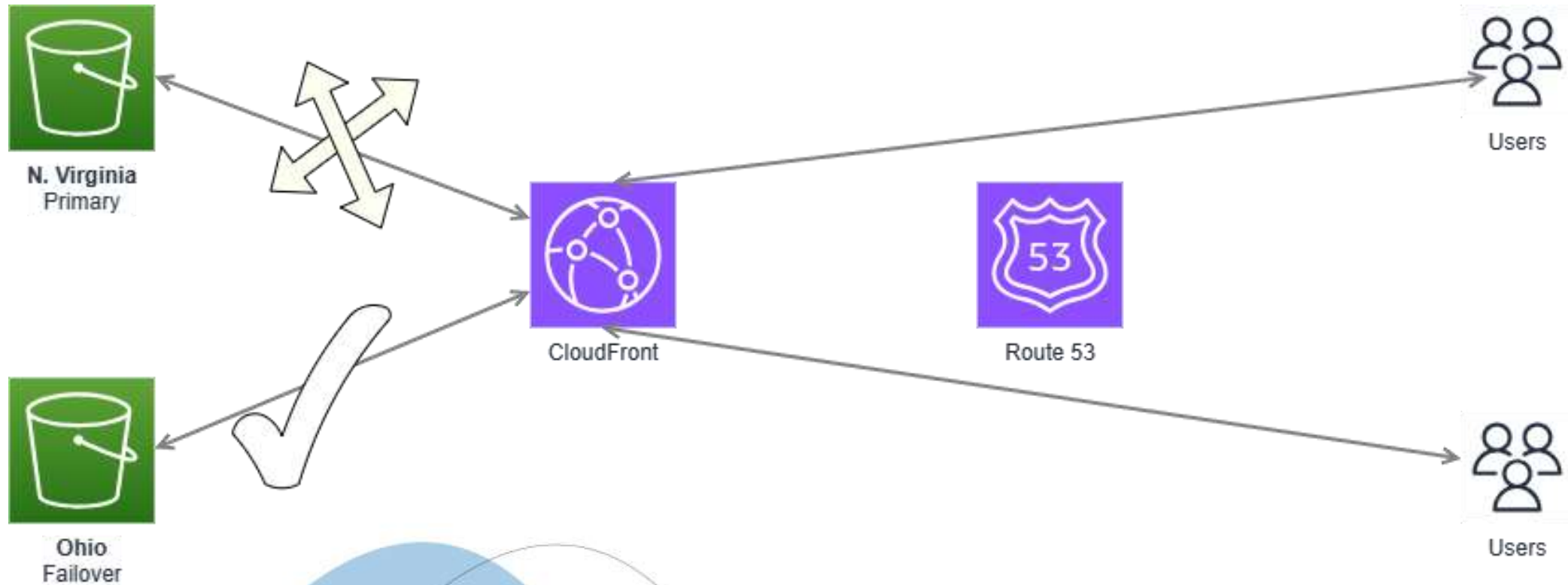




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SERVERLESS ARCHITECTURE



SERVERLESS WITH MULTI-REGION



A serverless web application deployed across multiple regions not only allows organizations to focus more on their running operation of the business. It provides a smooth user experience for its customers.





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Thank You