

# FIA Alert Notification System (FANS)

Team Table 16

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## Objective:

Disseminate CAPv1.2 Hurricane-related alerts to both SMS Subscribers and Alexa Users.

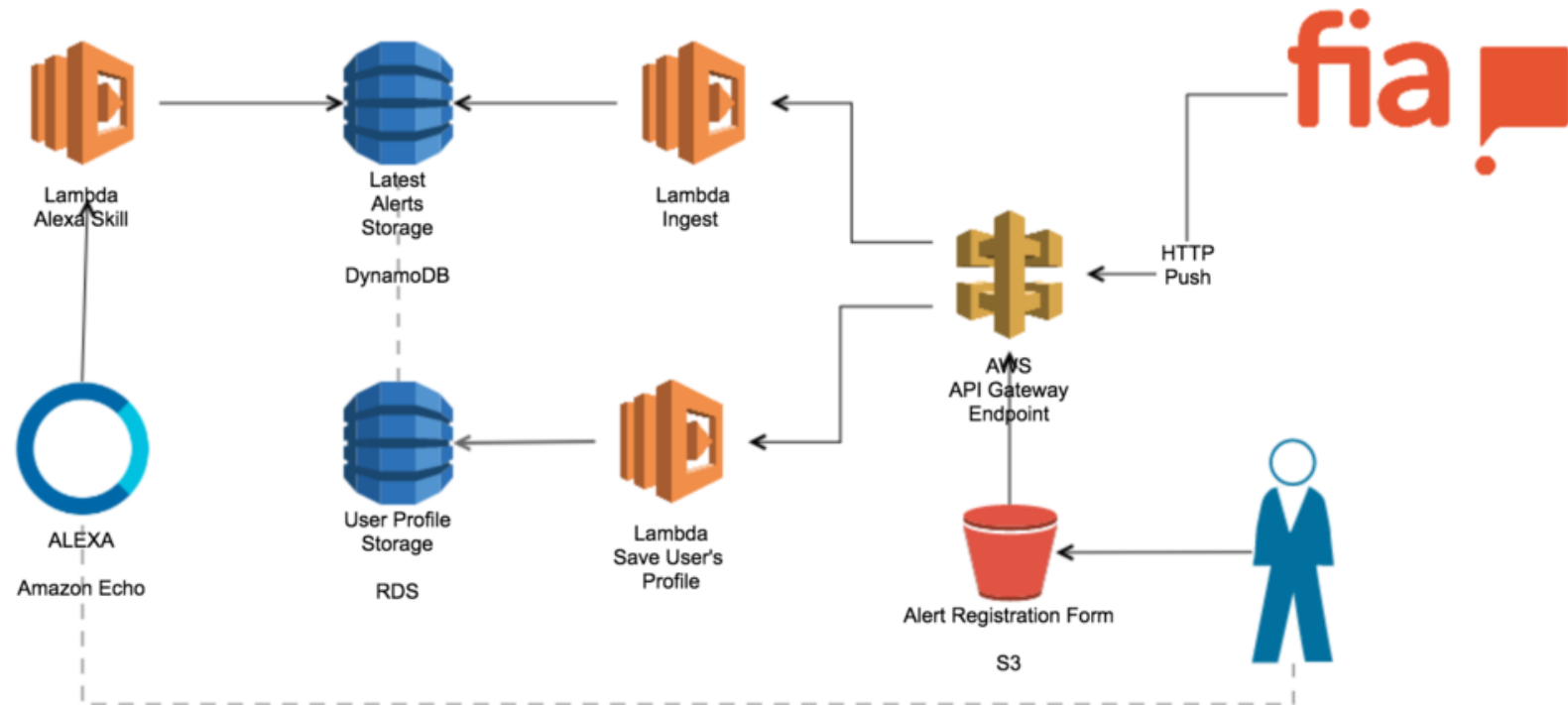
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## Tech Stack:

- AWS S3 for static web page hosting
- AWS Lambda and API Gateway for all SERVER-LESS server-side logic
- AWS Aurora RDBMS for User Profile management
- AWS DynamoDB for CAP Notification persistence
- AWS Alexa and associated API's for voice-controlled notifications
- Started AWS CloudFormation for templating solution

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## Tech Stack Architecture Diagram:



# FIA Alert Notification System (FANS)

## Demo:

- Discuss Design Use Case
- Create User Profile
- Ingest Hurricane Alert
- Send SMS Notification to Subscribers
- Query Alexa for latest Alert Notifications

# FIA Alert Notification System (FANS)

## FANS Alert Profile Screen:

**FIA Alert Notification System**

**Define Alert Profile**

**Name \***

**Phone \***

**Zip Code \***

**Twitter**

**Email**

**Comment**

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