Serverless Practitioners Summit
Multi-Cloud Messaging with Functions

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Why?

- Started in some cloud and used their messaging system
- Cloud Provider services integrate well with native messaging system
How? Pub/Sub > SNS

1. Incoming message

Pub/Sub

2. Trigger

Cloud Functions

3. Duplicate

Amazon Simple Notification Service
How? SNS to Pub/Sub

1. Incoming message
2. Trigger
3. Duplicate

Pub/Sub
Amazon Simple Notification Service
AWS Lambda
Demo

- Upload a dog image to Google Cloud Storage
- Demonstrate file upload message gets sent to Pub/Sub and SNS
- Upload a cat image to AWS S3 Object Storage
- Demonstrate file upload message gets sent to Pub/Sub and SNS
- Frontend that receives messages via push from both Pub/Sub and SNS
- Code available at GitHub: samos123/multi-cloud-messaging