Serverless Orchestration

A Serverless Hackathon focusing on LogicApps, FunctionApps, Cognitive Services, Queues and Storage

Milliman TechForum 2021

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MICROSOFT TEAM FOR MILLIMAN

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- + Support open ticket through Azure portal first. Escalations to Megan Pietrzykowski Megan.Pietrzykowski@microsoft.com, or Sanjeev Gogna Sanjeev.Gogna@microsoft.com(LTS/MedInsight)

Topics

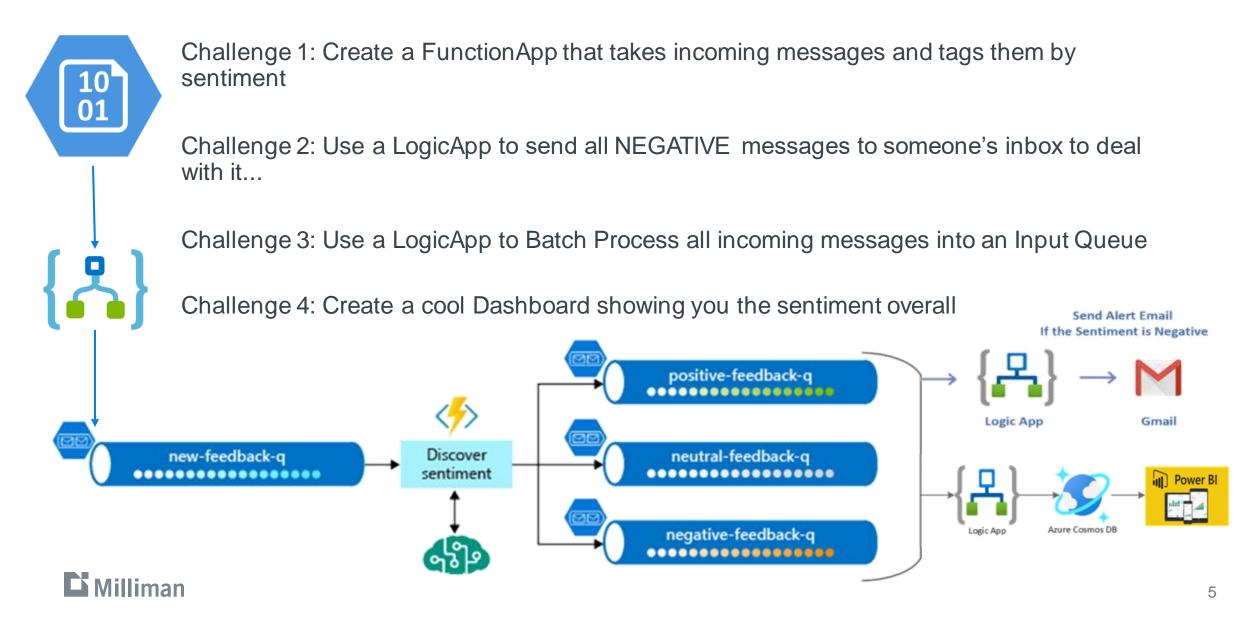
Optional subtitle (delete this box if not using)

- LogicApps
- FunctionApps
- Cognitive Services (and other API calls)
- Queues
- Blob Storage



Serverless Orchestration: High Level Flow

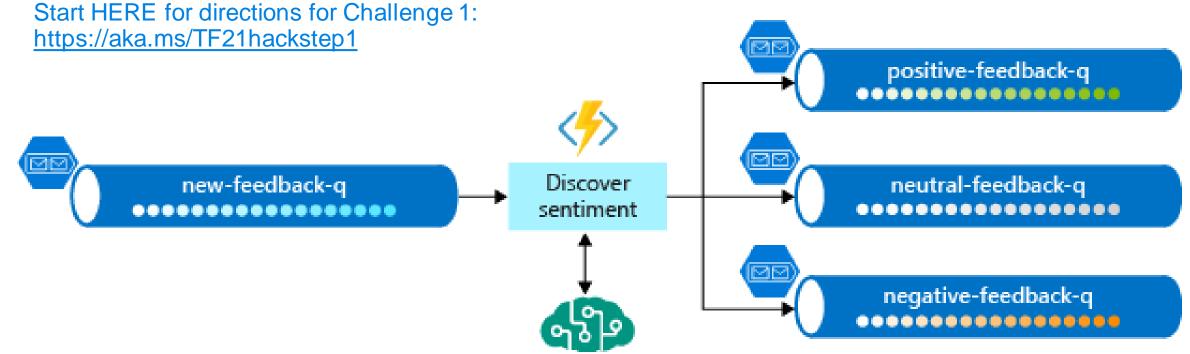
4 Challenges! (Don't need to finish all 4. Challenges can be performed in ANY ORDER, (EXCEPT Challenge 1 must be done first)...



CHALLENGE 1: FunctionApps & Queues

This challenge must be done first, but from there you can pick any of the other 3 challenges in any order MAJOR GOALS FOR CHALLENGE 1:

- Creating a FunctionApp that pulls messages from a Queue
- calls a Cognitive Svcs API to do sentiment analysis to tag each message
- FunctionApp Sorts them into outbound queues (Positive, Neutral, or Negative) Sentiments

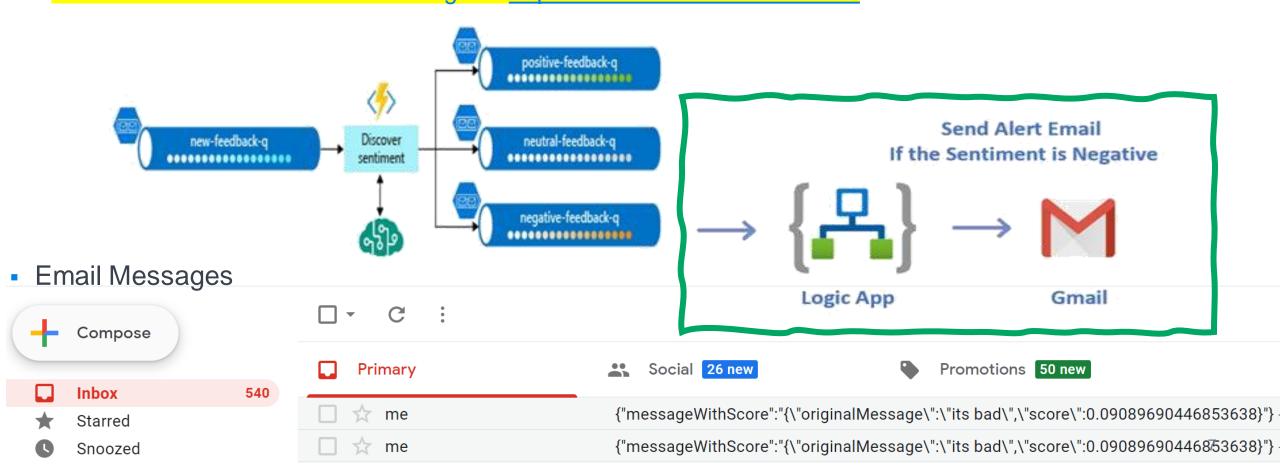




CHALLENGE 2: LogicApp to send Negative Feedback to Inbox

MAJOR GOALS FOR CHALLENGE 2:

- Creating a LogicApp that takes each message in the Negative Queue
- Pulls out the relevant information
- Formats and puts it into an email for someone to respond to the Negative Message
 Start HERE for directions for Challenge 2: https://aka.ms/tf21serverlessCh2



CHALLENGE 3: LogicApp to feed the new-feedback-q

MAJOR GOALS FOR CHALLENGE 3:

- Creating a LogicApp that feeds incoming messages one at a time
- Batch Feeds the relevant information to the "new-feedback-q"

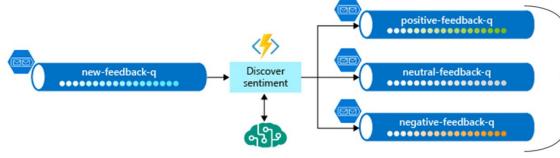
Start HERE for directions for Challenge 3: https://aka.ms/?????????



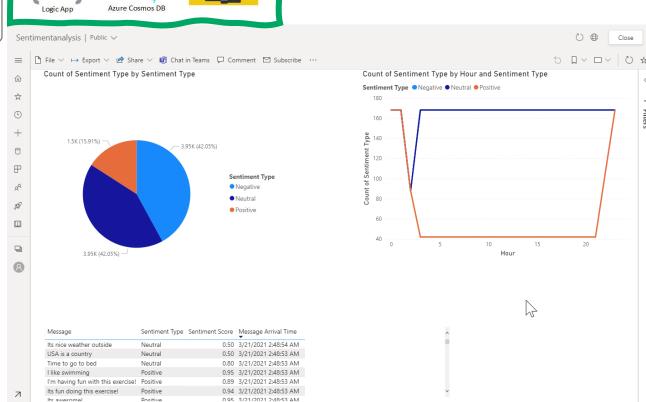


CHALLENGE 4: LogicApp to Create a PowerBI Dashboard

- Creating a LogicApp that pulls all the tagged data from each queue
- Stores the semi-structured data into a CosmosDB instance
- Generates a cool PowerBI dashboard to show the results!



Start HERE for directions for Challenge 4: https://aka.ms/tf21serverlessCh4





Start here: Challenge 1

Discover sentiment in text with the Text Analytics API - Learn | Microsoft Docs

https://aka.ms/TF21hackstep1



LINKS TO ALL DIRECTIONS

- CHALLENGE 1: https://aka.ms/TF21hackstep1
- CHALLENGE 2: https://aka.ms/tf21serverlessCh2
 MSFT FTE LINK TO DIRECTIONS: https://microsoft-my.sharepoint.com/:w:/p/vramasubbu/ER6rPN5M9DJIruMhOdLrFgwBryB1HLpjPddT_fXOlfjnHg
- CHALLENGE 3: Live Overview!
 MSFT FTE LINK TO DIRECTIONS:
- CHALLENGE 4: https://aka.ms/tf21serverlessCh4

 MSFT FTE LINK TO DIRECTIONS: https://microsoft-my.sharepoint.com/:w:/p/kapildhanger/EQDROn-mt7hOsTLStlLwUpIBTTRsUw8fdBulKY8OkGa-Dw





Thank you

Presenter Name

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