

DRAFT PROPOSAL #1 FOR LOAN UPDATES USING WEBHOOKS

Step 1

REGISTER / SUBSCRIBE TO A WEBHOOK WITH YOUR OWN CUSTOM FILTERS

CALL ENCOMPASS SUBSCRIPTION API TO REGISTER. THE API MANDATES THAT THE SUBSCRIBER CALL BACK URL MUST BE UNIQUE - SOMETHING LIKE THIS - [HTTPS://FAIRWAYMC.COM/LOAN-EVENT-STREAM/V1/WEBHOOKEVENTRECEIVER?CALLBACKID=PNB-456-XYZ](https://fairwaymc.com/loan-event-stream/v1/webhookeventreceiver?callbackid=PNB-456-XYZ)

EVENT GRID - 5,000 EVENTS/SEC OR 5 MB/SEC
SERVICE BUS - 5,000 CONCURRENT REQUESTS

Encompass Loan
Data Change
Subscriber #1

Encompass Loan
Data Change
Subscriber #2

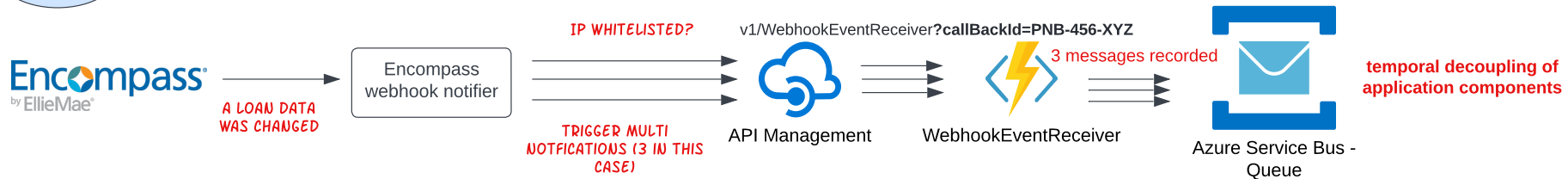
Encompass Loan
Data Change
Subscriber #3



ENCOMPASS RETURNS UNIQUE SUBSCRIPTION ID FOR EACH SUBSCRIPTION SETUP. HOWEVER WHEN AN EVENT IS RAISED, IT DOES NOT SEND BACK THE SUBSCRIBER ID. SO THE EVENT MIGHT BE RAISED BY ANY LOAN DATA CHANGE, WILL BE NOTIFIED TO ALL SUBSCRIBERS.
QUESTION - DO WE NEED ONE SUBSCRIPTION OR MULTIPLE, I BELIEVE WE SHOULD ALLOW MULTIPLE SUBSCRIPTIONS

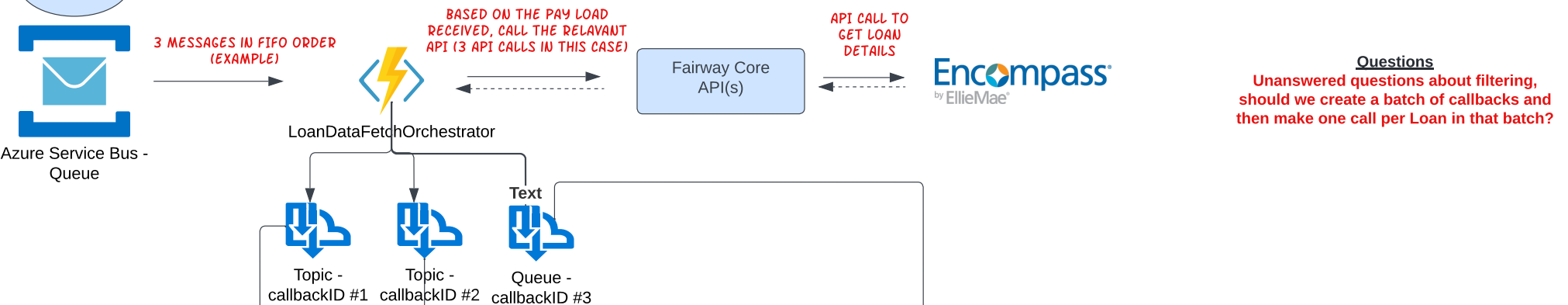
Step 2

WEBHOOK NOTIFICATIONS TRIGGERED PER SUBSCRIPTION RECEIVED BY FAIRWAY



Step 3

FAIRWAY CORE LOAN DATA FETCHER / ORCHESTRATOR



Questions
Unanswered questions about filtering, should we create a batch of callbacks and then make one call per Loan in that batch?

Step 4

CONSUMER IMPLEMENTATION(S)

