

## FANOUT SERVICE :

1. Receive messages from producer and process 1 by 1 (below is 1 message) :

```
[
{
  messageId: '81bad750-c6c4-c50f-a75b-2f87d2279f24',
  receiptHandle:
'mltrnmfjissvzlibrnyufrklubhbwqszswoblmjctopmjtpxfwkhcbrebxtvfvhjhnrdzlpltay
yrxayttcqomazfljiabgsxfgmgdggoncnbrqaawpzduhmlqseykqlvfopafwqwcowcm
gplwaaxfderomkjtqbtxgozqbpfpltgpypbqaswzpal',
  md5OfBody: 'f3c697fcc0cea54fd9e8db060576da18',
  body: {
    timestampFromProducer: '2021-07-30T18:02:34.910Z',
    triggerType: 'data-contract',
    triggerExecutionId: 'NOTUSED',
    businessEventId: '36bff171ba9f40bd8d06a9123dc01796',
    businessEventInstanceId: 'd0043448-9f2e-4ddb-8abe-0b3bb75abb66',
    businessEventArrivalTimestamp: 1627668154862,
    'x-trace-id': '4ba95fdd-a653-4a2f-a06b-f05d124a721c',
    'x-from-span-id': '128f9631-922a-4cb4-9e71-16c53a16c35c',
    explicitContext: 'global',
    associateId: 'ea64cf42-bda2-4a35-a721-d68815e47f74',
    clientId: '002',
    mask: '53331331531fa2ff56782738c5dee1bdfb884ab7',
    userContext: 'US'
  },
  attributes: {
    senderId: 'AIDAIT2UOQQY3AUEKVGXU',
    sentTimestamp: '1627668154937',
    approximateReceiveCount: '1',
    approximateFirstReceiveTimestamp: '1627668154942',
    messageDeduplicationId: '080e07e6-4ad1-46f3-950d-41774b0d8e90',
    messageGroupId: '36bff171ba9f40bd8d06a9123dc01796.002'
  }
}
]
```

2. Then checks messageGroupId and takes clientId and then sees if any getDisabledConsumers r there for that using generateRuntimeSuppressionGetQuery
3. We will differentiate using key and return disabledMdos, disabledMiniappConsumers from getDisabledConsumers.
4. We process message : params to be passes : messageLogger, message,

disabledConsumers

5. Extract businessEventId from above process message function and then search if it has any consumers ??? Using dependents endpoint - getMetadataForConsumers function :

'http://router/api/ohcm-search-service/v0/\${mask}/\${businessEventId}/dependants';

Using Lou cache mech. (Storing consumer ids in Lru)

6. For each metadata consumer we will format payload and based on consumer type we will send to that consumer service.
- 7.
- 8.

Fanout :

Message-producer.js:

messageDeduplicationId: ` . —— // ignore messages for 15 min