

MFAF - Communication Domain

Log Description

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1. MFAF – Communication – Domain – Log

1.1. Log Recode Format

```
{  
  "action": "$action",  
  "actionDescription": "$actionDescription",  
  "appName": "$appName",  
  "appResult": "$appResult",  
  "resultCode": "$resultCode",  
  "broker": "$broker",  
  "channel": "$channel",  
  "componentName": "$componentName",  
  "componentVersion": "$componentVersion",  
  "timestamp ": "$ timestamp",  
  "device": "$device",  
  "instance": "$instance",  
  "level": "$level",  
  "dependency": "$ dependency ",  
  "originateServiceName": "$originateServiceName",  
  "public": "$public",  
  "recordName": "$recordName",  
  " recordName": "$ recordName",  
  "recordType": "$recordType",  
  "serviceTime": "$serviceTime",  
  "sessionId": "$sessionId",  
  "transactionId": "$transactionId",  
  "useCase": "$useCase",  
  "useCaseStep": "$useCaseStep",  
  "user": "$user"  
  "message": "$ message"  
  "stack ": "$ stack ",  
  "subAction": "$ subAction",  
}
```

1.2. Log Recode Description

No.	Field Name	Flag	Initial Parameter Source	Description	Example
1	appName		Fix “mfaf”	Application platform name	MFAF
2	componentVersion		config app	Domain service version	1.0.0
3	componentName		config app	Domain service name	common.communication
4	broker		interface M2 header.broker	Affiliate partner	none
5	channel		interface M2 header.channel	Channel media use the service	SyncData
6	useCase		interface M2 header.useCase	Use case of business	apiName
7	useCaseStep		interface M2 header.useCaseStep	Use case step of business	none
8	device		interface M2 header.identity.device	Device id of customer	none
9	public		interface M2 header.identity.public	Mobile no, Email, Username of customer	none
10	user		interface M2 header.identity.user	myID of customer	none
11	action		-	detail action of application	[CONSUMING], [PRODUCING], [HTTP_REQUEST], [HTTP_RESPONSE], [APP_LOGIC], [EXCEPTION]
12	message		-	message of application	"{detail: "ddd"}"

13	timestamp		-	timestamp logs	2023-07-25 19:56:06.795
14	dependency		-	System legacy and database	PNS
15	responseTime		-	Response time of command (millisecond)	1000
16	resultCode		-	Response result code of system dependency	20000
17	instance		hostname	Application pod instance of kubernetes	ac-common-5f569c7dd7-229pj
18	level		level log	Log level	debug/info/error
19	originateServiceName		fix "Event source"	Originating service call command	Event source
20	recordName		Topic consumes	Topic name of kafka	[POST]- /api/v1/createNotifIndividual
21	recordType		Fix "detail"	Type of log	detail
22	sessionId		interface M2 header.sessionId	Session id of request	b03b0d89-f6c5-42c5-919b-672ca4650b8f
23	transactionId		interface M2 header.transactionId	Transaction id of request	01bad471-05ea-4680-bbd4-29e3361c4716
24	stack		exception stack	Error stack	
25	subAction		-	API Path	POST
26	actionDescription		-	Description of action	PNS(/pns/pns/api/v3/notifications/userIds) -> ACCCommon

1.3. Log Record Example

1.3.1. createSubscriber

Possible values of use case:

- When user login or logout or first login

1) mfaf.myIdAnonymousOnboarded

Kafka topic / Consume (recordName): mfaf.myIdAnonymousOnboarded

Kafka topic / Produce: mfaf.queryProductInventory

Example 1: The success case – Success

Example 1.1 action: [CONSUMING]

```
{
  "action": "[CONSUMING]",
  "actionDescription": "start consuming event: mfaf.myIdAnonymousOnboarded",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais2.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "37ECBCCD-6C30-409D-A4ED-4E2130022823"
  ],
  "instance": "communication-subscribe-6b484544f8-2j8sz",
  "level": "info",
  "message": "{\n  \"data\":{\n    \"header\":{\n      \"version\":\"5.0\",\n      \"timestamp\":\"2025-04-02T09:39:02.145Z\",\n      \"orgService\":\"mfis\",\n      \"scope\":\"global\",\n      \"from\":\"common.party-authentication\",\n      \"channel\":\"myais2.0\",\n      \"broker\":\"none\",\n      \"agent\":\"mfis\",\n      \"useCase\":\"login Anonymous\",\n      \"useCaseStep\":\"0\",\n      \"useCaseAge\":\"1\",\n      \"useCaseStartTime\":\"2025-04-02T16:39:02.043Z\",\n      \"useCaseExpiryTime\":\"2025-04-02T16:39:32.043Z\",\n      \"messageType\":\"command\",\n      \"session\":\"command-web-0f7a8b3f-afbb-4a77-94c4-93a5758176c737ECBCCD-6C30-409D-A4ED-4E2130022823\",\n      \"transaction\":\"command-web-0f7a8b3f-afbb-4a77-94c4-93a5758176c737ECBCCD-6C30-409D-A4ED-4E2130022823\",\n      \"communication\":\"unicast\",\n      \"groupTags\":[],\n      \"identity\":{\n        \"device\":[\n          \"37ECBCCD-6C30-409D-A4ED-4E2130022823\"\n        ],\n        \"user\":{\n          \"4zY7bSf7ecj\"\n        },\n        \"tmfSpec\":\"TMF632\",\n        \"baseApiVersion\":\"4.0.0\",\n        \"schemaVersion\":\"1\"\n      },\n      \"body\":{\n        \"@type\":\"DigitalIdentity\",\n        \"id\":\"4zY7bSf7ecj\",\n        \"correlationId\":{\n          \"4zY7bSf7ecj\"\n        },\n        \"creationDate\":\"2025-04-02T09:39:02.145Z\",\n        \"lastUpdate\":\"2025-04-02T09:39:02.145Z\",\n        \"status\":\"active\",\n        \"partyRoleIdentified\":{\n          \"id\":\"wvrr5bP1MDI\",\n          \"role\":\"anonymous\",\n          \"name\":\"MyIDRole\",\n          \"@referredType\":\"PartyRole\"\n        },\n        \"TORO_deviceInfo\":{\n          \"deviceId\":\"37ECBCCD-6C30-409D-A4ED-4E2130022823\",\n          \"status\":\"logged-in\",\n          \"deviceToken\":\"76FE530FF14487E8D9D00F0B638E14597879FE72A45D5936A8DE0897D952953D\",\n          \"deviceModel\":\"apple - iPhone14,7\",\n          \"platform\":\"iOS\",\n          \"platformVersion\":\"18.3.2\",\n          \"trackingId\":null,\n          \"lastActiveDate\"
      }
    }
  }
}
```

```

\":"2025-04-
02T09:39:02.145Z\","isCurrent\":"true}}},\kafka\":"{\magicByte\":"2,\attributes\":"0,\timestamp\":"\
"1743586742225\","isControlRecord\":"false,\topic\":"mfaf.myIdAnonymousOnboarded\","key\":"
null,\offset\":"60030\","partition\":"0}}",
  "originateServiceName": "Event Source",
  "public": "none",
  "recordName": "mfaf.myIdAnonymousOnboarded",
  "recordType": "detail",
  "sessionId": "command-web-0f7a8b3f-afbb-4a77-94c4-93a5758176c737ECBCCD-6C30-409D-A4ED-
4E2130022823",
  "timestamp": "2025-04-02 16:39:02.230",
  "transactionId": "command-web-0f7a8b3f-afbb-4a77-94c4-93a5758176c737ECBCCD-6C30-409D-
A4ED-4E2130022823",
  "useCase": "loginAnonymous",
  "useCaseStep": "0",
  "user": "4zY7bSf7ecj"
}

```

Example 1.2: action [PRODUCING]

```

{
  "action": "[PRODUCING]",
  "actionDescription": "producing event: (common.communication) -> mfaf.queryProductInventory",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais2.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "37ECBCCD-6C30-409D-A4ED-4E2130022823"
  ],
  "instance": "communication-subscribe-6b484544f8-2j8sz",
  "level": "info",
  "message": "{\header\":"{\version\":"5.0\","timestamp\":"2025-04-
02T09:39:02.145Z\","orgService\":"mfis\","scope\":"global\","from\":"common.party-
authentication\","channel\":"myais2.0\","broker\":"none\","agent\":"mfis\","useCase\":"login
Anonymous\","useCaseStep\":"0\","useCaseAge\":"1\","useCaseStartTime\":"2025-04-
02T16:39:02.043Z\","useCaseExpiryTime\":"2025-04-
02T16:39:32.043Z\","messageType\":"command\","session\":"command-web-0f7a8b3f-afbb-
4a77-94c4-93a5758176c737ECBCCD-6C30-409D-A4ED-4E2130022823\","transaction\":"command-
web-0f7a8b3f-afbb-4a77-94c4-93a5758176c737ECBCCD-6C30-409D-A4ED-
4E2130022823\","communication\":"unicast\","groupTags\":[],\identity\":"{\device\":"37ECBCC
D-6C30-409D-A4ED-
4E2130022823"}\","user\":"4zY7bSf7ecj"}\","tmfSpec\":"TMF632\","baseApiVersion\":"4.0.0\","s
chemaVersion\":"1\","instanceData\":"G+EBABwHdozs+WUkRUoRnb3h3f3/tP/1lfg7gBt56qLqqK8fi
UYl6BRlec7XOOIHECn Pai+I6u82M8X3bj/rdGIFjXgm1/LAyxaAYbHwUJq37mzj1TNUQ80VGJU2tECPDRO
/LJHmuY+iCsKJafI9U2yFhMDeYHgmZxEuC/PKaUihQyW1XpiDBMqribMbtYuZ202vuSLvdaveqcllcweSwl
SYqmpR0+DYtF7IAmB8ODxAGJ4S/OcXftwGNvHyrJyaueEK7y6SBzfGNzQzo81f9dYjZb1BwkdHlgrfvWu15

```



```

RlRbwf75vJ18a7FAohmNYOFsSG0AW631AL46hFFc8Vn9YVlJf/8nPZLlf2HXZgdwBBtFEWYNzTJ9Db3eHbj
caGfXfdpWqP3UyvqydrkRgiooBDOQAp0m1i24TzsQvwumX07TZT0VJCNAFpGqmWu7RdSagEnbm5Bz2
FMalkB3k8HfbS5Q9P3G/xaaxBkrlvIS5HnsClT1ukYJUbgBQqhu4tiH6+xD8C\","body":{"relatedParty"
:["4zY7bSf7ecj\"]]}",
  "originateServiceName": "Event Source",
  "public": "none",
  "recordName": "mfaf.myIdAnonymousOnboarded",
  "recordType": "detail",
  "sessionId": "command-web-0f7a8b3f-afbb-4a77-94c4-93a5758176c737ECBCCD-6C30-409D-A4ED-
4E2130022823",
  "timestamp": "2025-04-02 16:39:02.239",
  "transactionId": "command-web-0f7a8b3f-afbb-4a77-94c4-93a5758176c737ECBCCD-6C30-409D-
A4ED-4E2130022823",
  "useCase": "loginAnonymous",
  "useCaseStep": "0",
  "user": "4zY7bSf7ecj"
}

```

Example 1.3: action [PRODUCED]

```

{
  "action": "[PRODUCED]",
  "actionDescription": "event response from kafka : mfaf.queryProductInventory",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais2.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "37ECBCCD-6C30-409D-A4ED-4E2130022823"
  ],
  "instance": "communication-subscribe-6b484544f8-2j8sz",
  "level": "info",
  "message":
    "{ \"topicName\": \"mfaf.queryProductInventory\", \"partition\": 0, \"errorCode\": 0, \"baseOffset\": \"84
    0191\", \"logAppendTime\": \"-1\", \"logStartOffset\": \"833776\" }",
  "originateServiceName": "Event Source",
  "public": "none",
  "recordName": "mfaf.myIdAnonymousOnboarded",
  "recordType": "detail",
  "responseTime": 9.192139148712158,
  "sessionId": "command-web-0f7a8b3f-afbb-4a77-94c4-93a5758176c737ECBCCD-6C30-409D-A4ED-
4E2130022823",
  "timestamp": "2025-04-02 16:39:02.248",
  "transactionId": "command-web-0f7a8b3f-afbb-4a77-94c4-93a5758176c737ECBCCD-6C30-409D-
A4ED-4E2130022823",
  "useCase": "loginAnonymous",
  "useCaseStep": "0",

```

```
"user": "4zY7bSf7ecj"
}
```

2) mfaf.myIdDeviceRegistered

Kafka topic / Consume (recordName): mfaf.myIdDeviceRegistered

Kafka topic / Produce: mfaf.queryProductInventory

Example 1: The success case – Success

Example 1.1 action: [CONSUMING]

```
{
  "action": "[CONSUMING]",
  "actionDescription": "start consuming event: mfaf.myIdDeviceRegistered",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais2.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "352c1b2289170c15"
  ],
  "instance": "communication-subscribe-6457875d47-8vmtg",
  "level": "info",
  "message": "{\"data\":{\"header\":{\"version\":\"5.0\",\"timestamp\":\"2025-03-26T03:31:34.819Z\",\"orgService\":\"party\",\"scope\":\"global\",\"from\":\"common.party-authentication\",\"channel\":\"myais2.0\",\"broker\":\"none\",\"agent\":\"mfis\",\"useCase\":\"registerMsisdn\",\"useCaseStep\":\"0\",\"useCaseAge\":\"6\",\"useCaseStartTime\":\"2025-03-26T10:31:34.216Z\",\"useCaseExpiryTime\":\"2025-03-26T10:32:04.216Z\",\"messageType\":\"command\",\"session\":\"command-web-22212787-9a1e-4840-8f51-a17a67ab7e4a352c1b2289170c15\",\"transaction\":\"command-web-71a0a6d1-f9c5-4336-b97a-d4e2dc6995c1none\",\"communication\":\"unicast\",\"groupTags\":[],\"identity\":{\"device\":{\"352c1b2289170c15\"},\"public\":\"0934026994\",\"user\":\"sdfdyFM5rgs\"},\"tmfSpec\":\"TMF632\",\"baseApiVersion\":\"4.0.0\",\"schemaVersion\":\"1\",\"instanceData\":\"e30=\",\"body\":{\"@type\":\"DigitalIdentity\",\"id\":\"sdfdyFM5rgs\",\"correlationId\":\"sdfdyFM5rgs\",\"creationDate\":\"2025-03-26T03:31:30.793Z\",\"lastUpdate\":\"2025-03-26T03:31:34.819Z\",\"status\":\"active\",\"credential\":{\"id\":\"PzI9YNUlpqv\",\"state\":\"publicId\",\"@type\":\"LoginPasswordCredential\",\"login\":\"0934026994\",\"validFor\":{\"startDateTime\":\"2025-03-26T03:31:30.793Z\"}},\"id\":\"mMiK69ri9sh\",\"state\":\"deviceId\",\"@type\":\"LoginPasswordCredential\",\"login\":\"352c1b2289170c15\",\"validFor\":{\"startDateTime\":\"2025-03-26T03:29:07.837Z\"},\"trustLevel\":\"logged-in\"},\"relatedParty\":{\"id\":\"32500050673325\",\"@type\":\"Customer\",\"account\":{\"@referrdType\":\"BillingAccount\",\"id\":\"32500050673769\"},\"@referredType\":\"BillingAccount\",\"id\":\"32500050673774\"},\"@referredType\":\"BillingAccount\",\"id\":\"32500050673767\"}},\"id\":
```

```

\pWIVlmoE3",\@referredType\":"ProductInventory\"}},\partyRoleIdentified\":[{"id\":"7wGe7
68vs3L\","role\":"user\","name\":"MyIDRole\","@referredType\":"PartyRole\"},{"id\":"qZgRPi
OYhsk\","role\":"holder\","@referredType\":"PartyRole\"}],\TORO_deviceInfo\":[{"deviceId\":"
352c1b2289170c15\","status\":"logged-
in\","deviceToken\":"fhXEhfl7SdSHGcNpj80cuJ:APA91bGMvABUaqzDsZ0nY2fsYCCsfkOZV8kR29-
s3LnHVBk4ZKkIKY8-sgcdMzKpqjVBLWZem5lZongYx6j-
Wz2W4vOGvJ7duYyGQV1fVWPpiwKBJ0Qhtgg\","deviceModel\":"samsung - SM-
S911B\","platform\":"android\","platformVersion\":"14\","trackingId\":null,\lastActiveDate\":"
2025-03-
26T03:31:34.227Z\","isCurrent\":true}}],\kafka\":[{"magicByte\":2,\attributes\":0,\timestamp\":"
1742959894877\","isControlRecord\":false,\topic\":"mfaf.myIdDeviceRegistered\","key\":null,\
offset\":"11542\","partition\":0}},
  "originateServiceName": "Event Source",
  "public": "0934026994",
  "recordName": "mfaf.myIdDeviceRegistered",
  "recordType": "detail",
  "sessionId": "command-web-22212787-9a1e-4840-8f51-a17a67ab7e4a352c1b2289170c15",
  "timestamp": "2025-03-26 10:31:34.884",
  "transactionId": "command-web-71a0a6d1-f9c5-4336-b97a-d4e2dc6995c1none",
  "useCase": "registerMsisdn",
  "useCaseStep": "0",
  "user": "sdfdyFM5rgs"
}

```

Example 1.2: action [PRODUCING]

```

{
  "action": "[PRODUCING]",
  "actionDescription": "producing event: (common.communication) -> mfaf.queryProductInventory",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais2.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "352c1b2289170c15"
  ],
  "instance": "communication-subscribe-6457875d47-8vmtg",
  "level": "info",
  "message": "{\header\":[{\version\":"5.0\","timestamp\":"2025-03-
26T03:31:34.819Z\","orgService\":"party\","scope\":"global\","from\":"common.party-
authentication\","channel\":"myais2.0\","broker\":"none\","agent\":"mfis\","useCase\":"regis
terMsisdn\","useCaseStep\":"0\","useCaseAge\":6,\useCaseStartTime\":"2025-03-
26T10:31:34.216Z\","useCaseExpiryTime\":"2025-03-
26T10:32:04.216Z\","messageType\":"command\","session\":"command-web-22212787-9a1e-
4840-8f51-a17a67ab7e4a352c1b2289170c15\","transaction\":"command-web-71a0a6d1-f9c5-
4336-b97a-
d4e2dc6995c1none\","communication\":"unicast\","groupTags\":[],\identity\":[{\device\":"352

```

```
c1b2289170c15\"],\"public\":\"0934026994\", \"user\":\"sdfdyFM5rgs\"},\"tmfSpec\":\"TMF632\", \"baseApiVersion\":\"4.0.0\", \"schemaVersion\":\"1\", \"instanceData\":\"G0ECAIzUYs0Z7jTktqbd9Ys+G  
CvliNXSjFNLpw8ccgKYaKaxfRElhMHG2HAE3cL8f/z6McDDQwYsz2qHUIR3pVGFi2e2VP2+/wPPNezRP+cy  
9mdlenMn1MTqJ/1MC3HtKRxd95hVLgiSk6Tk6HMXqjz4rbzVUxlqLm+TNPhqBm7oOMXEmZMxwth6xv  
TzJcP1qW7EoWXnau5ghOU2oBx52x75dCHfdP58x6K5BIQ6I/Xmp+GcjEFMDMFUR9xak+otnrX2B8HTO0ar  
Mm3Q/KdfG1ZG1PI0IsOFMg5wOne2a0e93IsIIQF4xmos77o2vpihDLpmCssttfRJIsLGNqLXH5X6VZhdzUz  
w1YiQSn0zYEMtWE7xTJACcvEDhnPgEHvFWtpTRjX44cBPlmVbXm0buUYw3PBkLiOwvbcnLcB8L9csKN6  
T7yqIEkS4IK7PYSoC4f8tzicp3RrZR2HpfEo1lWX365F+eCOC1hQQ1477U+18zb5ZtftQzgZEMDXys9xLQer  
DD8k9fISgTyMjZeHTXXDQNLGE/mUhOnLGV2HoQbMvUAm5kaZDAapr4yg0MVhMORNy2ltDn6uTnvcC  
aVARggDwtKWSdak4ZOMx0d7jNVV509gg=\", \"body\":{\"relatedParty\":{\"sdfdyFM5rgs\"}}\",  
  \"originateServiceName\": \"Event Source\",  
  \"public\": \"0934026994\",  
  \"recordName\": \"mfaf.myIdDeviceRegistered\",  
  \"recordType\": \"detail\",  
  \"sessionId\": \"command-web-22212787-9a1e-4840-8f51-a17a67ab7e4a352c1b2289170c15\",  
  \"timestamp\": \"2025-03-26 10:31:34.895\",  
  \"transactionId\": \"command-web-71a0a6d1-f9c5-4336-b97a-d4e2dc6995c1none\",  
  \"useCase\": \"registerMsisdn\",  
  \"useCaseStep\": \"0\",  
  \"user\": \"sdfdyFM5rgs\"  
}
```

Example 1.3: action [PRODUCED]

```
{  
  \"action\": \"[PRODUCED]\",  
  \"actionDescription\": \"event response from kafka : mfaf.queryProductInventory\",  
  \"appName\": \"MFAF\",  
  \"broker\": \"none\",  
  \"channel\": \"myais2.0\",  
  \"componentName\": \"common.communication\",  
  \"componentVersion\": \"1.0\",  
  \"device\": [  
    \"352c1b2289170c15\"  
  ],  
  \"instance\": \"communication-subscribe-6457875d47-8vmtg\",  
  \"level\": \"info\",  
  \"message\":  
    \"{\\\"topicName\\\":\\\"mfaf.queryProductInventory\\\",\\\"partition\\\":0,\\\"errorCode\\\":0,\\\"baseOffset\\\":\\\"81  
2088\\\",\\\"logAppendTime\\\":\\\"-1\\\",\\\"logStartOffset\\\":\\\"802885\\\"}\",  
    \"originateServiceName\": \"Event Source\",  
    \"public\": \"0934026994\",  
    \"recordName\": \"mfaf.myIdDeviceRegistered\",  
    \"recordType\": \"detail\",  
    \"responseTime\": 6.378941059112549,  
    \"sessionId\": \"command-web-22212787-9a1e-4840-8f51-a17a67ab7e4a352c1b2289170c15\",  
    \"timestamp\": \"2025-03-26 10:31:34.901\",  
    \"transactionId\": \"command-web-71a0a6d1-f9c5-4336-b97a-d4e2dc6995c1none\",  
  }
```

```
"useCase": "registerMsisdn",
"useCaseStep": "0",
"user": "sdfdyFM5rgs"
}
```

3) mfaf.myIdDeviceLoggedIn

Kafka topic / Consume (recordName): mfaf.myIdDeviceLoggedIn

Kafka topic / Produce: mfaf.queryProductInventory

Example 1: The success case – Success

Example 1.1 action: [CONSUMING]

```
{
  "action": "[CONSUMING]",
  "actionDescription": "start consuming event: mfaf.myIdDeviceLoggedIn",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais2.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "C397A3D2-3637-4046-87E4-3B7D72102D0B"
  ],
  "instance": "communication-subscribe-6b484544f8-2j8sz",
  "level": "info",
  "message": "{\"data\":{\"header\":{\"version\":\"5.0\",\"timestamp\":\"2025-04-03T04:08:55.995Z\",\"orgService\":\"party\",\"scope\":\"global\",\"from\":\"common.party-authentication\",\"channel\":\"myais2.0\",\"broker\":\"none\",\"agent\":\"mfis\",\"useCase\":\"loginMsisdn\",\"useCaseStep\":\"0\",\"useCaseAge\":\"3\",\"useCaseStartTime\":\"2025-04-03T11:08:55.702Z\",\"useCaseExpiryTime\":\"2025-04-03T11:09:25.702Z\",\"messageType\":\"command\",\"session\":\"command-web-492ff4c0-734b-4be7-910e-adc2bad7c944C397A3D2-3637-4046-87E4-3B7D72102D0B\",\"transaction\":\"command-web-5ba655ea-b604-4218-99b5-39e89c497efenone\",\"communication\":\"unicast\",\"groupTags\":[],\"identity\":{\"device\":\"C397A3D2-3637-4046-87E4-3B7D72102D0B\"},\"public\":\"0937055511\",\"user\":\"gnRrfG91YT8\"},\"tmfSpec\":\"TMF632\",\"baseApiVersion\":\"4.0.0\",\"schemaVersion\":\"1\",\"instanceData\":\"\"},\"body\":{\"@type\":\"DigitalIdentity\",\"id\":\"gnRrfG91YT8\",\"correlationId\":\"gnRrfG91YT8\",\"creationDate\":\"2023-12-26T03:17:39.876Z\",\"lastUpdate\":\"2025-04-03T04:08:55.824Z\",\"status\":\"active\",\"partyRoleIdentified\":{\"id\":\"7wGe768vs3L\",\"role\":\"user\",\"name\":\"MyIDRole\",\"@referredType\":\"PartyRole\"},{id\":\"nfYgH3UD1SO\",\"role\":\"holder\",\"@referredType\":\"PartyRole\"}},\"TORO_deviceInfo\":{\"deviceId\":\"fadbbc52ac111a8d\",\"status\":\"logged-in\",\"deviceToken\":\"dqjFLvVPSIOz5D0hycxIYm:APA91bEkv065_nx37u0w2fNfQW5p0xBjRPJwnDS5x
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QHjyduEYtit7FPE9D_h2UI0_5tU72SxoSeMNBlln-n3S\\",\"deviceModel\\\": \"apple - iPhone15,3\\\", \"platform\\\": \"iOS\\\", \"platformVersion\\\": \"18.0\\\", \"trackingId\\\": null, \"logoutReason\\\": \"default\\\", {\"deviceId\\\": \"1448A12D-2450-4756-AFB5-A781B07C178D\\\", \"status\\\": \"logged-in\\\", \"deviceToken\\\": \"ewVd6hzztk_Wj-0kUEwXlk:APA91bGMQq8sB0cCZYns6lOOzDjkl-ozte4vUjNbXLhMpu6gxet7unqw3VfSWwEodosLeQFwIRAdW2qTPnFuM5mTEeUAF6yFuhTJX-TLkTnwmiHAaB8ejg\\\", \"deviceModel\\\": \"apple - iPhone11,8\\\", \"platform\\\": \"iOS\\\", \"platformVersion\\\": \"17.6.1\\\", \"trackingId\\\": null, \"logoutReason\\\": null, {\"deviceId\\\": \"E36A84F5-DF18-4D37-B811-86812AAA97C2\\\", \"status\\\": \"logged-in\\\", \"deviceToken\\\": \"fKYfQtW5H0lyvCCleBzDqk:APA91bEY3YP-ZMWGus1pRlrf5DZI9xiuavBv_7TlOnrU_pwYy5B0ks8BOUXQKqw_hz1Jh_gqGnUcUdfqSKsTTsR6dmMRE F390jGi54oTkZ4UPuAN8PZHr1s\\\", \"deviceModel\\\": \"apple - iPhone11,8\\\", \"platform\\\": \"iOS\\\", \"platformVersion\\\": \"17.6.1\\\", \"trackingId\\\": null, \"logoutReason\\\": null, {\"deviceId\\\": \"02E4456B-5D1A-40FC-A916-16595680852D\\\", \"status\\\": \"logged-in\\\", \"deviceToken\\\": \"clBTRULGxkZis3TsFQ1_fd:APA91bGUSIB5xPuO7bIgC1mclAhkMIKvQWHwGI0IY-veOlNcgRA5MX3dNdIQ8KfUBSxHoVtYPLeO5IDxKMMK8jTWw3GCy9OvbsmSLUwgcZqUKOlbn3-uLno\\\", \"deviceModel\\\": \"apple - iPhone11,8\\\", \"platform\\\": \"iOS\\\", \"platformVersion\\\": \"17.6.1\\\", \"trackingId\\\": null, \"logoutReason\\\": null, {\"deviceId\\\": \"E5FEB7CB-D970-470F-916A-D9EB893526C3\\\", \"status\\\": \"logged-in\\\", \"deviceToken\\\": \"e_W3xGjVGUWxnart16m4Gm:APA91bGuNvpV96AVJilfg74Kd4UJm8-1zu65DkqOaM6A1IJQO7Zw6CHuYES63P5AQ2njNwi5Y5y2E0PLGeAH8nq5HCqTEHHDJSF0HD0lOObAsma1jPCuUdl\\\", \"deviceModel\\\": \"apple - iPhone11,8\\\", \"platform\\\": \"iOS\\\", \"platformVersion\\\": \"17.6.1\\\", \"trackingId\\\": null, \"logoutReason\\\": null, {\"deviceId\\\": \"B7D8C9DB-7E12-43BE-AC31-006FB7C70869\\\", \"status\\\": \"logged-out\\\", \"deviceToken\\\": \"fyEIKSMXmEfppulvkiK__:APA91bFAyxtAG1IEC3-pmVbJl4dJmpZpInbPuhyTEtl4sHQ1jztzX1huNlVfSlvtTKltroozFjGvMBu3PiRs_gZ_wh0LDobQGDXJK9ceB G7y0vU3zqWg9U8\\\", \"deviceModel\\\": \"apple - iPhone11,8\\\", \"platform\\\": \"iOS\\\", \"platformVersion\\\": \"17.6.1\\\", \"trackingId\\\": null, \"logoutReason\\\": \"default\\\", \"lastActiveDate\\\": \"2025-02-06T08:42:50.409Z\\\", \"location\\\": null, {\"deviceId\\\": \"DB0FEBAE-593B-4CBC-95FD-AB6AEE1085BA\\\", \"status\\\": \"logged-out\\\", \"deviceToken\\\": \"fyEIKSMXmEfppulvkiK__:APA91bFAyxtAG1IEC3-pmVbJl4dJmpZpInbPuhyTEtl4sHQ1jztzX1huNlVfSlvtTKltroozFjGvMBu3PiRs_gZ_wh0LDobQGDXJK9ceB G7y0vU3zqWg9U8\\\", \"deviceModel\\\": \"apple - iPhone11,8\\\", \"platform\\\": \"iOS\\\", \"platformVersion\\\": \"17.6.1\\\", \"trackingId\\\": null, \"logoutReason\\\": \"default\\\", \"lastActiveDate\\\": \"2025-02-11T03:41:23.748Z\\\", \"location\\\": null, {\"deviceId\\\": \"CA622346-E489-4758-B8A2-140B69AB52B4\\\", \"status\\\": \"logged-in\\\", \"deviceToken\\\": \"f3Kmq_CjG06ikqAsLDQI36:APA91bHEAq-0XaJsLr834fp4xIhEaLZNIUCBwppQH6esYlghmSX_OMRjiXvZ37kZKTQiWvbAaFhIkz82QuS9KN0Btk-qQOAFGVQ6SWHUPlz1Jal1J_3eN84\\\", \"deviceModel\\\": \"apple - iPhone12,1\\\", \"platform\\\": \"iOS\\\", \"platformVersion\\\": \"17.6.1\\\", \"trackingId\\\": null, \"logoutReason\\\": null, {\"deviceId\\\": \"87598825c5e284ce\\\", \"status\\\": \"logged-in\\\", \"deviceToken\\\": \"chugbAcQQu2CNRDxD22qbh:APA91bFlcwwLRDyMp3VfYrvAeW3MIDgexEyACN 4eKofZp40wh9DyMOOJvnN4w7LR1L1L2xGDvOXsna7ckXSK0KSvbazorDqZvTHSjEWZFYIkFT8uv8yIRgY\\\", \"deviceModel\\\": \"samsung - SM-S9210\\\", \"platform\\\": \"android\\\", \"platformVersion\\\": \"12\\\", \"trackingId\\\": null, \"logoutReason\\\": null, \"lastActiveDate\\\": \"2025-04-01T09:56:15.258Z\\\", {\"deviceId\\\": \"C397A3D2-3637-4046-87E4-3B7D72102D0B\\\", \"status\\\": \"logged-

```

in\","deviceToken\":"c2yVCRqIIrVhL0wBBwVq2:APA91bHy3xx6xHztq0kI2DcCNmKAPGnO7Ep7uCI
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8\","partition\":0}}",
  "originateServiceName": "Event Source",
  "public": "0937055511",
  "recordName": "mfaf.myIdDeviceLoggedIn",
  "recordType": "detail",
  "sessionId": "command-web-492ff4c0-734b-4be7-910e-adc2bad7c944C397A3D2-3637-4046-87E4-
3B7D72102D0B",
  "timestamp": "2025-04-03 11:08:56.026",
  "transactionId": "command-web-5ba655ea-b604-4218-99b5-39e89c497efenone",
  "useCase": "loginMsisdn",
  "useCaseStep": "0",
  "user": "gnRrfG91YT8"
}

```

Example 1.2: action [PRODUCING]

```

{
  "action": "[PRODUCING]",
  "actionDescription": "producing event: (common.communication) -> mfaf.queryProductInventory",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais2.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "C397A3D2-3637-4046-87E4-3B7D72102D0B"
  ],
  "instance": "communication-subscribe-6b484544f8-2j8sz",
  "level": "info",
  "message": "{ \"header\": { \"version\": \"5.0\", \"timestamp\": \"2025-04-
03T04:08:55.995Z\", \"orgService\": \"party\", \"scope\": \"global\", \"from\": \"common.party-
authentication\", \"channel\": \"myais2.0\", \"broker\": \"none\", \"agent\": \"mfis\", \"useCase\": \"login
Msisdn\", \"useCaseStep\": \"0\", \"useCaseAge\": 3, \"useCaseStartTime\": \"2025-04-
03T11:08:55.702Z\", \"useCaseExpiryTime\": \"2025-04-
03T11:09:25.702Z\", \"messageType\": \"command\", \"session\": \"command-web-492ff4c0-734b-
4be7-910e-adc2bad7c944C397A3D2-3637-4046-87E4-3B7D72102D0B\", \"transaction\": \"command-
web-5ba655ea-b604-4218-99b5-
39e89c497efenone\", \"communication\": \"unicast\", \"groupTags\": [], \"identity\": { \"device\": \"C39
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3B7D72102D0B\", \"public\": \"0937055511\", \"user\": \"gnRrfG91YT8\", \"tmfSpec\": \"TMF632\", \"
baseApiVersion\": \"4.0.0\", \"schemaVersion\": \"1\", \"instanceData\": \"GzUCAIzEOBbyLDU/pc5e38A
8U3+9N0fADbBTTgAjDRNNLcCwXZDeIUUvYfjXVQPdW45KEI8+HTRedJRIfaMJ1RePABXVGZX/jXiGbdRc

```



```
"useCaseStep": "0",
"user": "gnRrfG91YT8"
}
```

4) mfaf.myIdDeviceLoggedOut

Kafka topic / Consume (recordName): mfaf.myIdDeviceLoggedOut

Kafka topic / Produce: mfaf.queryProductInventory

Example 1: The success case – Success

Example 1.1 action: [CONSUMING]

```
{
  "action": "[CONSUMING]",
  "actionDescription": "start consuming event: mfaf.myIdDeviceLoggedOut",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais3.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "E0E5C454-925F-4A4B-B2E1-11BA0C791E2F"
  ],
  "instance": "communication-subscribe-6b484544f8-2j8sz",
  "level": "info",
  "message": "{\"data\":{\"header\":{\"version\":\"5.0\",\"timestamp\":\"2025-04-03T04:10:14.472Z\",\"orgService\":\"party_oda\",\"scope\":\"global\",\"from\":\"common.party-authentication\",\"channel\":\"myais3.0\",\"broker\":\"none\",\"agent\":\"Myais/1200 (1578)\",\"useCase\":\"deleteMyIdAccount\",\"useCaseStep\":\"1\",\"useCaseAge\":\"4\",\"useCaseStartTime\":\"\",\"useCaseExpiryTime\":\"\",\"functionName\":\"\",\"messageType\":\"command\",\"session\":\"command-oda=2e8ca90a-18ab-4fa6-8e2b-1b411bbde29bE0E5C454-925F-4A4B-B2E1-11BA0C791E2F\",\"transaction\":\"command-oda=1d88a9c7-027e-4faa-86d1-502bf225ebceE0E5C454-925F-4A4B-B2E1-11BA0C791E2F\",\"communication\":\"unicast\",\"groupTags\":[],\"identity\":{\"device\":\"E0E5C454-925F-4A4B-B2E1-11BA0C791E2F\"},\"public\":\"0945951699\",\"user\":\"S1ii9r55ZT0\"},\"statusCode\":\"\",\"initUri\":\"\",\"initMethod\":\"\",\"queryParams\":\"\",\"tmfSpec\":\"TMF632\",\"baseApiVersion\":\"4.0.0\",\"schemaVersion\":\"1\",\"instanceData\":\"\",\"body\":{\"@type\":\"DigitalIdentity\",\"id\":\"S1ii9r55ZT0\",\"correlationId\":\"S1ii9r55ZT0\",\"creationDate\":\"2025-04-03T04:00:59.426Z\",\"lastUpdate\":\"2025-04-03T04:10:14.472Z\",\"status\":\"active\",\"partyRoleIdentified\":{\"id\":\"7wGe768vs3L\",\"role\":\"user\",\"name\":\"MyIDRole\",\"@referredType\":\"PartyRole\"},{id\":\"vMYyQX8NIWd\",\"role\":\"holder\",\"@referredType\":\"PartyRole\"}},\"TORO_deviceInfo\":{\"deviceId\":\"web-ADMD-250403oK340AJ67lv\",\"status\":\"logged-out\",\"deviceToken\":null,\"deviceModel\":\"Edge\",\"platform\":\"Desktop\",\"platformVersion\":\"Windows 10\",\"trackingId\":null,\"lastActiveDate\":\"2025-04-03T04:00:59.421Z\",\"logoutReason\":\"deleteMyIDByUser\",\"isCurrent\":true},{deviceId\":\"E0E5
```

```

C454-925F-4A4B-B2E1-11BA0C791E2F\", \"status\": \"logged-
out\", \"deviceToken\": \"24A1207D924D53A41E7DD1A15B8B1D0EEEFABFEB338B14B1D8619A0672D
AFB10\", \"deviceModel\": \"apple -
iPhone15,3\", \"platform\": \"iOS\", \"platformVersion\": \"18.3.2\", \"trackingId\": null, \"logoutReason\
\": \"deleteMyIdByUser\", \"lastActiveDate\": \"2025-04-
03T04:09:23.818Z\", \"isCurrent\": true}}], \"kafka\": {\"magicByte\": 2, \"attributes\": 0, \"timestamp\": \"
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offset\": \"110242\", \"partition\": 0}},
  \"originateServiceName\": \"Event Source\",
  \"public\": \"0945951699\",
  \"recordName\": \"mfaf.myIdDeviceLoggedOut\",
  \"recordType\": \"detail\",
  \"sessionId\": \"command-oda=2e8ca90a-18ab-4fa6-8e2b-1b411bbde29bE0E5C454-925F-4A4B-B2E1-
11BA0C791E2F\",
  \"timestamp\": \"2025-04-03 11:10:14.502\",
  \"transactionId\": \"command-oda=1d88a9c7-027e-4faa-86d1-502bf225ebceE0E5C454-925F-4A4B-
B2E1-11BA0C791E2F\",
  \"useCase\": \"deleteMyIdAccount\",
  \"useCaseStep\": \"1\",
  \"user\": \"S1ii9r55ZT0\"
}

```

Example 1.2: action [PRODUCING]

```

{
  \"action\": \"[PRODUCING]\",
  \"actionDescription\": \"producing event: (common.communication) -> mfaf.queryProductInventory\",
  \"appName\": \"MFAF\",
  \"broker\": \"none\",
  \"channel\": \"myais3.0\",
  \"componentName\": \"common.communication\",
  \"componentVersion\": \"1.0\",
  \"device\": [
    \"E0E5C454-925F-4A4B-B2E1-11BA0C791E2F\"
  ],
  \"instance\": \"communication-subscribe-6b484544f8-2j8sz\",
  \"level\": \"info\",
  \"message\": \"{ \"header\": { \"version\": \"5.0\", \"timestamp\": \"2025-04-
03T04:10:14.472Z\", \"orgService\": \"party_oda\", \"scope\": \"global\", \"from\": \"common.party-
authentication\", \"channel\": \"myais3.0\", \"broker\": \"none\", \"agent\": \"Myais/1200
(1578)\", \"useCase\": \"deleteMyIdAccount\", \"useCaseStep\": \"1\", \"useCaseAge\": 4, \"useCaseStart
Time\": \"\", \"useCaseExpiryTime\": \"\", \"functionName\": \"\", \"messageType\": \"command\", \"sess
ion\": \"command-oda=2e8ca90a-18ab-4fa6-8e2b-1b411bbde29bE0E5C454-925F-4A4B-B2E1-
11BA0C791E2F\", \"transaction\": \"command-oda=1d88a9c7-027e-4faa-86d1-
502bf225ebceE0E5C454-925F-4A4B-B2E1-
11BA0C791E2F\", \"communication\": \"unicast\", \"groupTags\": [], \"identity\": { \"device\": [\"E0E5C45
4-925F-4A4B-B2E1-
11BA0C791E2F\"], \"public\": \"0945951699\", \"user\": \"S1ii9r55ZT0\" }, \"statusCode\": \"\", \"initUri\"

```

```

:{"initMethod":"","queryParam":"","tmfSpec":"","TMF632":"","baseApiVersion":"","4.0.0",
"schemaVersion":"","1","instanceData":{"GwkCAGR6nb9p7/qBiLNFRDfTF7G2HP1INDJB6nK8r+X8/
uY6fX3JVMjz2qPUq2OouUDj5SfEE3K9dgTLDkPiiq/k7Ky7hY2Vz6sDA3j21aa/Ni/q6ZyGkg9DIVBhJy+2E62
SBCXnNTGPxDyTJAVWQos6m1H6Db6DahomM+0WLnNzTXngOYBjzR9p/WtAJGI5KUi3lcqKIKUOI45EG
OJxQ0bxB5V6XOhb4AC1GfyjZIQLPSCe0YfmnDRfu6mGdvSnMk49TvVVKtwuR3reDj/sNMNBBrpzvfd3au
iDIhmNPdsvNweou9KwJGTPAZclivBAb6+IsIAWGKTGIltL3ajsq5pdVkQRK4UDrlm5wY8z/HDnyb+FsrUL
WeuS5zw2ZGsuUboTbPSxpyqDaUi40LnrwkM7qMHvd1nn2TedzPjfo/dB7Cr2G+OJtIzJAZrsanPkRfVbRb
MqaV8mior9niMuagq+g9zU+gMvxdChBb8vkZihsi59brh+Fnb00Uul/z0vpZpimk4YvSO4SewHZ/tmDqM
WEEEDS2//gM=""},{"body":{"relatedParty":{"S1ii9r55ZT0"}}},
  "originateServiceName": "Event Source",
  "public": "0945951699",
  "recordName": "mfaf.myIdDeviceLoggedOut",
  "recordType": "detail",
  "sessionId": "command-oda=2e8ca90a-18ab-4fa6-8e2b-1b411bbde29bE0E5C454-925F-4A4B-B2E1-
11BA0C791E2F",
  "timestamp": "2025-04-03 11:10:14.510",
  "transactionId": "command-oda=1d88a9c7-027e-4faa-86d1-502bf225ebceE0E5C454-925F-4A4B-
B2E1-11BA0C791E2F",
  "useCase": "deleteMyIdAccount",
  "useCaseStep": "1",
  "user": "S1ii9r55ZT0"
}

```

Example 1.3: action [PRODUCED]

```

{
  "action": "[PRODUCED]",
  "actionDescription": "event response from kafka : mfaf.queryProductInventory",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais3.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "E0E5C454-925F-4A4B-B2E1-11BA0C791E2F"
  ],
  "instance": "communication-subscribe-6b484544f8-2j8sz",
  "level": "info",
  "message":
    "{\n\"topicName\":\"mfaf.queryProductInventory\", \"partition\":0, \"errorCode\":0, \"baseOffset\":\"84
2354\", \"logAppendTime\":\"-1\", \"logStartOffset\":\"838085\"}",
  "originateServiceName": "Event Source",
  "public": "0945951699",
  "recordName": "mfaf.myIdDeviceLoggedOut",
  "recordType": "detail",
  "responseTime": 4.973483085632324,
  "sessionId": "command-oda=2e8ca90a-18ab-4fa6-8e2b-1b411bbde29bE0E5C454-925F-4A4B-B2E1-
11BA0C791E2F",

```

```

"timestamp": "2025-04-03 11:10:14.515",
"transactionId": "command-oda=1d88a9c7-027e-4faa-86d1-502bf225ebceE0E5C454-925F-4A4B-B2E1-11BA0C791E2F",
"useCase": "deleteMyIdAccount",
"useCaseStep": "1",
"user": "S1ii9r55ZT0"
}

```

5) mfaf.queryProductInventoryFailed

5.1) when status code is 404 data not found

Kafka topic / Consume (recordName): mfaf.queryProductInventoryFailed

Kafka topic / Produce (when 404 data not found): mfaf.createServiceInventoryNotification

Example 1: The success case – Success

Example 1.1: action [CONSUMING]

```

{
  "action": "[CONSUMING]",
  "actionDescription": "start consuming event: mfaf.queryProductInventoryFailed",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais2.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "E0E5C454-925F-4A4B-B2E1-11BA0C791E2F"
  ],
  "instance": "communication-subscribe-6b484544f8-2j8sz",
  "level": "info",
  "message": "{\"data\":{\"header\":{\"version\":\"5.0\",\"timestamp\":\"2025-04-03T04:11:48.541Z\",\"orgService\":{\"party\",\"scope\":\"global\",\"from\":{\"product.product\",\"channel\":{\"myais2.0\",\"broker\":\"none\",\"agent\":{\"mfis\",\"useCase\":{\"registerMsisdn\",\"useCaseStep\":{\"0\",\"useCaseAge\":9,\"useCaseStartTime\":\"2025-04-03T11:11:47.169Z\",\"useCaseExpiryTime\":\"2025-04-03T11:12:17.169Z\",\"messageType\":\"command\",\"session\":{\"command-web-854491a6-e4d2-4226-a6df-21a35b5e8f40E0E5C454-925F-4A4B-B2E1-11BA0C791E2F\",\"transaction\":{\"command-web-ee650dc8-b438-489c-bdc7-0b489823e55bnone\",\"communication\":{\"unicast\",\"groupTags\":[],\"identity\":{\"device\":[\"E0E5C454-925F-4A4B-B2E1-11BA0C791E2F\"],\"public\":\"0945951699\",\"user\":{\"cLsrvGWyd4f\"},\"tmfSpec\":{\"TMF637\"},\"baseApiVersion\":\"4.0.0\",\"schemaVersion\":\"1\",\"instanceData\":{\"G7AAAlxTLKyKESp9YJ6pr4pqO4QQAYccOH0BNQ+Ilwm4GqjULtPfThMSwgIl/sZfAx4xXE375lL6rruf+p+SwzsssombFZ32Gr+KI/Ha3GIz7S5W1R975Zos/N0Oi6tafPltpwB5svjfrgrq96fXcfN2tG+xN75mnH94XXZJEXf+9AKeFrkph9rPjAvWNNciwX1aozATo2N/bTzXv4D\"},\"body\":{\"code\":\"40400\",\"reason\":{\"[PRODUCT.PRODUCT] Data not found\",\"status\":\"404\",\"referencePayload\":{\"productCharacteristic\":{\"name\":\"mobileCont act\",\"value\":\"0945951699\"},{\"name\":\"nType\",\"value\":\"FBO\"}}}},\"kafka\":{\"magicByte\"

```

```

:2,\"attributes\":0,\"timestamp\":\"1743653508596\", \"isControlRecord\":false,\"topic\":\"mfaf.queryProductInventoryFailed\", \"key\":null,\"offset\":\"87617\", \"partition\":0}},
  \"originateServiceName\": \"Event Source\",
  \"public\": \"0945951699\",
  \"recordName\": \"mfaf.queryProductInventoryFailed\",
  \"recordType\": \"detail\",
  \"sessionId\": \"command-web-854491a6-e4d2-4226-a6df-21a35b5e8f40E0E5C454-925F-4A4B-B2E1-11BA0C791E2F\",
  \"timestamp\": \"2025-04-03 11:11:48.620\",
  \"transactionId\": \"command-web-ee650dc8-b438-489c-bdc7-0b489823e55bnone\",
  \"useCase\": \"registerMsisdn\",
  \"useCaseStep\": \"0\",
  \"user\": \"cLsrvGWyd4f\"
}

```

Example 1.2: action [PRODUCING]

```

{
  \"action\": \"[PRODUCING]\",
  \"actionDescription\": \"producing event: (common.communication) -> mfaf.createServiceInventoryNotification\",
  \"appName\": \"MFAF\",
  \"broker\": \"none\",
  \"channel\": \"myais2.0\",
  \"componentName\": \"common.communication\",
  \"componentVersion\": \"1.0\",
  \"device\": [
    \"24e6a19133d82cb0\"
  ],
  \"instance\": \"communication-subscribe-6b484544f8-2j8sz\",
  \"level\": \"info\",
  \"message\": \"{\\\"header\\\":{\\\"version\\\":\\\"5.0\\\",\\\"timestamp\\\":\\\"2025-04-03T12:11:15.515Z\\\",\\\"orgService\\\":\\\"mfis\\\",\\\"scope\\\":\\\"global\\\",\\\"from\\\":\\\"product.product\\\",\\\"channel\\\":\\\"myais2.0\\\",\\\"broker\\\":\\\"none\\\",\\\"agent\\\":\\\"mfis\\\",\\\"useCase\\\":\\\"loginAnonymous\\\",\\\"useCaseStep\\\":\\\"0\\\",\\\"useCaseAge\\\":2,\\\"useCaseStartTime\\\":\\\"2025-04-03T19:11:15.369Z\\\",\\\"useCaseExpiryTime\\\":\\\"2025-04-03T19:11:45.369Z\\\",\\\"messageType\\\":\\\"command\\\",\\\"session\\\":\\\"command-web-75b2dd08-1e7f-426e-93e7-9884c1c4e38424e6a19133d82cb0\\\",\\\"transaction\\\":\\\"command-web-75b2dd08-1e7f-426e-93e7-9884c1c4e38424e6a19133d82cb0\\\",\\\"communication\\\":\\\"unicast\\\",\\\"groupTags\\\":[],\\\"identity\\\":{\\\"device\\\":\\\"24e6a19133d82cb0\\\",\\\"user\\\":\\\"I5VPa0mTutY\\\",\\\"tmfSpec\\\":\\\"TMF637\\\",\\\"baseApiVersion\\\":\\\"4.0.0\\\",\\\"schemaVersion\\\":\\\"1\\\",\\\"instanceData\\\":\\\"Gz0CABwHdozs9W3EpEoRnb0hvarqvz0Ef gdg52WEmTrqgw04YA2zmQfShWjYGFs6llSv52txwx/BnClJvnFrzgLfClq/e3cY3MKqWavaoPw4ORjjNF4q563elUF50Oy7KnUDlj1xReplHPOYYYKtZB+/I73vu3/dVRH3xNoOmTwNfcfDhA3eFsw5Plb16SEsFXQQWLOoOD9Z+Sm3Lv7mBHZAsoYLi7vS8hXbK1lgVgOnpvvDna+Wk/Q35umAf9ymiyjackKNYH1MMwehknt3su38ve0JIE0ZxNvYJkLkuHr2qaPOnErkylt5wn3U2XNRowWFYmP4Ye4XKhnxK6+OBRU99n8uELnDMNI2gYZ9TkGm96sBKe1EHdGy4qjiFbBmLLMsbc2lnzrfNI52H1hjqtu4QAdq00h7vkgKW25b61OKxLVuWapDr2kIA3Cvkli7qFkxQtXntzntBCSi3JQdrG2Af2XNIhyT60ZzBBh9myDVtppsB7zx9U6mYZBfF5ownq/UwA4gjrmccM

```



```
CaSqMATB3K2G0yOeX+sJCWo82HplNvYkJlw2TNgBwFnlU9V0xlkYkybNuhkK5R4S4OpZp3Oudlho13eZV
osGxciZv3pAPyf/zRw==\", \"body\": {\"correlationId\": [\"I5VPa0mTutY\"], \"digitalId\": \"I5VPa0mTutY
\", \"name\": \"Notification\", \"feature\": {\"id\": \"1\", \"isEnabled\": true, \"name\": \"notificationCate
gory\", \"featureCharacteristic\": {\"id\": \"0001\", \"name\": \"allowedNotificationCategory\", \"valueT
ype\": \"stringArray\", \"value\": [\"bill\", \"usage\", \"privileges\", \"promotion\", \"digitalService\", \"inf
ormation\"]}}}}\",
  \"originateServiceName\": \"Event Source\",
  \"public\": \"none\",
  \"recordName\": \"mfaf.queryProductInventoryFailed\",
  \"recordType\": \"detail\",
  \"sessionId\": \"command-web-75b2dd08-1e7f-426e-93e7-9884c1c4e38424e6a19133d82cb0\",
  \"timestamp\": \"2025-04-03 19:11:15.526\",
  \"transactionId\": \"command-web-75b2dd08-1e7f-426e-93e7-9884c1c4e38424e6a19133d82cb0\",
  \"useCase\": \"loginAnonymous\",
  \"useCaseStep\": \"0\",
  \"user\": \"I5VPa0mTutY\"
}
```

Example 1.3: action [PRODUCED]

```
{
  "action": "[PRODUCED]",
  "actionDescription": "event response from kafka : mfaf.createServiceInventoryNotification",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais2.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "24e6a19133d82cb0"
  ],
  "instance": "communication-subscribe-6b484544f8-2j8sz",
  "level": "info",
  "message":
    "{\"topicName\":\"mfaf.createServiceInventoryNotification\", \"partition\":0, \"errorCode\":0, \"baseOffset\":\"127464\", \"logAppendTime\":\"-1\", \"logStartOffset\":\"126616\"}\",
    \"originateServiceName\": \"Event Source\",
    \"public\": \"none\",
    \"recordName\": \"mfaf.queryProductInventoryFailed\",
    \"recordType\": \"detail\",
    \"responseTime\": 4.931981563568115,
    \"sessionId\": \"command-web-75b2dd08-1e7f-426e-93e7-9884c1c4e38424e6a19133d82cb0\",
    \"timestamp\": \"2025-04-03 19:11:15.531\",
    \"transactionId\": \"command-web-75b2dd08-1e7f-426e-93e7-9884c1c4e38424e6a19133d82cb0\",
    \"useCase\": \"loginAnonymous\",
    \"useCaseStep\": \"0\",
    \"user\": \"I5VPa0mTutY\"
  }
}
```

5.2) when other error

Kafka topic / Consume (recordName): mfaf.queryProductInventoryFailed

Example 1: The success case – Success

Example 1.1: action [CONSUMING]

```
{
  "action": "[CONSUMING]",
  "actionDescription": "start consuming event: mfaf.queryProductInventoryFailed",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais3.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "fc87f5c5571d6bca"
  ],
  "instance": "communication-subscribe-6457875d47-8vmtg",
  "level": "info",
  "message": "{\"data\":{\"header\":{\"version\":\"5.0\",\"timestamp\":\"2025-03-21T07:09:38.379Z\",\"orgService\":\"Customer\",\"scope\":\"global\",\"from\":\"product.product\",\"channel\":\"myais3.0\",\"broker\":\"none\",\"agent\":\"Myais/12.0.0 (1554)\",\"useCase\":\"cancelOdaOnboardUsecase\",\"useCaseStep\":\"0\",\"useCaseAge\":4,\"useCaseStartTime\":\"\",\"useCaseExpiryTime\":\"\",\"messageType\":\"command\",\"session\":\"command-oda=a316cacf-520f-493f-a8f5-6df0d7dfbf596a69511b2883e267\",\"transaction\":\"command-oda=a316cacf-520f-493f-a8f5-6df0d7dfbf596a69511b2883e267\",\"communication\":\"unicast\",\"groupTags\":{},\"identity\":{\"device\":\"fc87f5c5571d6bca\"},\"public\":\"0934026282\",\"user\":\"GuZaKq49I4a\"},\"tmfSpec\":\"TMF637\",\"baseApiVersion\":\"4.0.0\",\"functionName\":\"productAISID\",\"schemaVersion\":\"1\",\"instanceData\":\"GyMBABwHdozs+WxEpEoRnb0hd41Db1195ga4jvpakElkAk5WGut6mBrxHccUBvBl ePFyyh3Jkv/mULmJXoTElg/HSwXM06JDu3/aGcat9ezw7wZ6d7XnvilFoFcmhrmaFQM7GOs+YKgdtrsasl UQxna+1CyuzFHlgKq9nRr/XlpjOtQX111Go3W8act3BM2lNtBvHIFERHwEdy9TkLOumzwwf3JdHA7bE3a kKfR+Ufk6bp2LI6OptnuUpBp3nrYEeUclM5KODiej+6xqlu7KBib8dES8ggPNDfkEtwD+iIM15N3s8YJm07j SToYu6twULvh5sqof95SneoAIL7fAg==\"},\"body\":{\"code\":\"40000\",\"reason\":\"[PRODUCT.PRODUCT] Missing or incorrect parameter\",\"status\":\"400\",\"referencePayload\":{\"externalIdentifier\":\"0b1f5d1d17d0564c5ea8\"}}},\"kafka\":{\"magicByte\":2,\"attributes\":0,\"timestamp\":\"1742540978380\",\"isControlRecord\":false,\"topic\":\"mfaf.queryProductInventoryFailed\",\"key\":null,\"offset\":\"82214\",\"partition\":0}}",
  "originateServiceName": "Event Source",
  "public": "0934026282",
  "recordName": "mfaf.queryProductInventoryFailed",
  "recordType": "detail",
  "sessionId": "command-oda=a316cacf-520f-493f-a8f5-6df0d7dfbf596a69511b2883e267",
  "timestamp": "2025-03-21 14:09:38.389",
  "transactionId": "command-oda=a316cacf-520f-493f-a8f5-6df0d7dfbf596a69511b2883e267",
}
```

```
"useCase": "cancelOdaOnboardUsecase",
"useCaseStep": "0",
"user": "GuZaKq49l4a"
}
```

6) mfaf.productInventoryQueried

6.1) when realizing service is null

Kafka topic / Consume (recordName): mfaf.productInventoryQueried

Kafka topic / Produce (when realizingService = null): mfaf.createServiceInventoryNotification

Example 1: The success case – Success

Example 1.1: action [CONSUMING]

```
{
  "action": "[CONSUMING]",
  "actionDescription": "start consuming event: mfaf.productInventoryQueried",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais2.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "49BE5635-38F7-4F2E-B4C7-5EFDEC14D33A"
  ],
  "instance": "communication-subscribe-6b484544f8-2j8sz",
  "level": "info",
  "message": "{\"data\":{\"header\":{\"version\":\"5.0\",\"timestamp\":\"2025-04-03T04:13:57.870Z\",\"orgService\":\"mfis\",\"scope\":\"global\",\"from\":\"product.product\",\"channel\":\"myais2.0\",\"broker\":\"none\",\"agent\":\"mfis\",\"useCase\":\"loginAnonymous\",\"useCaseStep\":\"0\",\"useCaseAge\":2,\"useCaseStartTime\":\"2025-04-03T11:13:57.645Z\",\"useCaseExpiryTime\":\"2025-04-03T11:14:27.645Z\",\"messageType\":\"command\",\"session\":\"command-web-d881d855-3d7e-4ba8-afb0-4a3764b8bd6049BE5635-38F7-4F2E-B4C7-5EFDEC14D33A\",\"transaction\":\"command-web-d881d855-3d7e-4ba8-afb0-4a3764b8bd6049BE5635-38F7-4F2E-B4C7-5EFDEC14D33A\",\"communication\":\"unicast\",\"groupTags\":[],\"identity\":{\"device\":\"49BE5635-38F7-4F2E-B4C7-5EFDEC14D33A\"},\"user\":\"UAFon5sbeoZ\"},\"tmfSpec\":\"TMF637\",\"baseApiVersion\":\"4.0.0\",\"schemaVersion\":\"1\",\"instanceData\":\"G+0BABwHdozs+WUkRUoRnb0hN3Pau/5/Ea8fEHKobuJFLDmSOuqDDTgBjDnWacFFeNiAA8pq2PN8LfpvwaQS0BCsDgeK+RNZ/ju8l6msrmkfU+H9KhkESjc9DXoNueQZmccrQrpvKISAUcObRj34eGLVdaZAKhucpcY2jWArvYYLKvoMLixbw3JUMvuAY3alVeufhjcjM+E+eJWQb8PcuH8BBsBdfL1NM8zyWUJ7+4iAkVPxM0uej11SmMDLBj9Qiv1DpCISBzOYMDQTCZ0k2WPOPU16vBD1YtKku2pi9Ay2XeZrHYUyf3gfuQ4mvw4hSUG5PXKAz8KW1pK+ldtBBHom6MYRJ9Ewj/1ibD4gyUeRT1mx6P+XWSlggHbVvQ75vttcDy7zUGqCazGFmSmUOnFme1IgDWEy4LK2Qj9i5jCz8PV9YLI+xqN/hOIG7S9Gy0MhpYP6/TaOJY6PieonYNKMKHLXuWjSltV+VXkjUgX6KFz8LjITZBX/dhkEWtcSIW26FYx14wmdrQietztIHMmsgA1sbZP4W\"},\"body\":{\"productInventory\":{\"_id\":\"67ee0b05b83dab2932ed88fc\",\"id\":\"9uFdYcjQ0Y4\"},\"uuid\":\"9uFdYcjQ0Y4\",\"startDate\":\"2025-04-
```

```

03T04:13:57.685Z\", \"status\": \"active\", \"name\": \"MYAIS\", \"realizingService\": [], \"relatedParty\":
[ { \"id\": \"UAFon5sbeoZ\", \"@referredType\": \"DigitalIdentity\" }, { \"correlationId\": \"UAFon5sbeoZ\"
}, { \"ts\": \"67ee0b05b83dab2932ed88fb\" } ] }, { \"kafka\": { \"magicByte\": 2, \"attributes\": 0, \"timestamp\
\": \"1743653637877\", \"isControlRecord\": false, \"topic\": \"mfaf.productInventoryQueried\", \"key\":
null, \"offset\": \"754761\", \"partition\": 0 } },
  \"originateServiceName\": \"Event Source\",
  \"public\": \"none\",
  \"recordName\": \"mfaf.productInventoryQueried\",
  \"recordType\": \"detail\",
  \"sessionId\": \"command-web-d881d855-3d7e-4ba8-afb0-4a3764b8bd6049BE5635-38F7-4F2E-B4C7-
5EFDEC14D33A\",
  \"timestamp\": \"2025-04-03 11:13:57.883\",
  \"transactionId\": \"command-web-d881d855-3d7e-4ba8-afb0-4a3764b8bd6049BE5635-38F7-4F2E-
B4C7-5EFDEC14D33A\",
  \"useCase\": \"loginAnonymous\",
  \"useCaseStep\": \"0\",
  \"user\": \"UAFon5sbeoZ\"
}

```

Example 1.2: action [PRODUCING]

```

{
  \"action\": \"[PRODUCING]\",
  \"actionDescription\": \"producing event: (common.communication) ->
mfaf.createServiceInventoryNotification\",
  \"appName\": \"MFAF\",
  \"broker\": \"none\",
  \"channel\": \"myais2.0\",
  \"componentName\": \"common.communication\",
  \"componentVersion\": \"1.0\",
  \"device\": [
    \"49BE5635-38F7-4F2E-B4C7-5EFDEC14D33A\"
  ],
  \"instance\": \"communication-subscribe-6b484544f8-2j8sz\",
  \"level\": \"info\",
  \"message\": \"{ \"header\": { \"version\": \"5.0\", \"timestamp\": \"2025-04-
03T04:13:57.870Z\", \"orgService\": \"mfis\", \"scope\": \"global\", \"from\": \"product.product\", \"chan
nel\": \"myais2.0\", \"broker\": \"none\", \"agent\": \"mfis\", \"useCase\": \"loginAnonymous\", \"useCas
eStep\": \"0\", \"useCaseAge\": 2, \"useCaseStartTime\": \"2025-04-
03T11:13:57.645Z\", \"useCaseExpiryTime\": \"2025-04-
03T11:14:27.645Z\", \"messageType\": \"command\", \"session\": \"command-web-d881d855-3d7e-
4ba8-afb0-4a3764b8bd6049BE5635-38F7-4F2E-B4C7-5EFDEC14D33A\", \"transaction\": \"command-
web-d881d855-3d7e-4ba8-afb0-4a3764b8bd6049BE5635-38F7-4F2E-B4C7-
5EFDEC14D33A\", \"communication\": \"unicast\", \"groupTags\": [], \"identity\": { \"device\": \"49BE56
35-38F7-4F2E-B4C7-
5EFDEC14D33A\" }, \"user\": \"UAFon5sbeoZ\" }, \"tmfSpec\": \"TMF637\", \"baseApiVersion\": \"4.0.0\",
\\\"schemaVersion\\\": \"1\", \"instanceData\": \"G+0BABwHdozs+WUkRUoRnb0hN3Pau/5/Ea8fEHKobuJF
LDmSOuqDDTgBjDnWacFFeNiAA8pq2PN8LfpvwaQS0BCsDgeK+RNZ/ju8l6msrmkfu+H9KhkESjc9DXoN

```

```

ueQZmccrQrpvKISAUc0bRj34eGLVdaZAKhucpcY2jWArvYYLKvoMLixbw3JUMvuAY3alVeufhjcjM+E+eJW
Qb8Pcuh8BBsBdfL1NM8zyWUJ7+4iAkVPxM0uej11SmMDLbJ9Qiv1DpCISBzOYMDQTCZ0k2WPOPU16v
BD1YtKku2pi9Ay2XeZrHYUyf3gfuQ4mvw4hSUG5PXKAz8KW1pK+IdtBBHom6MYRJ9Ewj/1ibD4gyUeRT1
mx6P+XWSlggHbVvQ75vttcDy7zUGqCazGFmSmUOnFme1IgDWEy4LK2Qj9i5jCz8PV9YLI+xqN/hOlG7S9
Gy0MhpYP6/TaOJY6PieonYNKMKHLXuWjSitV+VXkjUgX6KFz8LjITZBX/dhkEWtcSIW26FYx14wmdrQietzt
IHMsgA1sbZP4W\","body\":"{\\"correlationId\\":\\"UAFon5sbeoZ\\",\\"digitalId\\":\\"UAFon5sbeoZ\\",\\"
name\\":\\"Notification\\",\\"feature\\":{\\"id\\":\\"1\\",\\"isEnabled\\":true,\\"name\\":\\"notificationCategory
\\",\\"featureCharacteristic\\":{\\"id\\":\\"0001\\",\\"name\\":\\"allowedNotificationCategory\\",\\"valueType\\
\\":\\"stringArray\\",\\"value\\":{\\"bill\\",\\"usage\\",\\"privileges\\",\\"promotion\\",\\"digitalService\\",\\"inform
ation\\"}}}}}",
  "originateServiceName": "Event Source",
  "public": "none",
  "recordName": "mfaf.productInventoryQueried",
  "recordType": "detail",
  "sessionId": "command-web-d881d855-3d7e-4ba8-afb0-4a3764b8bd6049BE5635-38F7-4F2E-B4C7-
5EFDEC14D33A",
  "timestamp": "2025-04-03 11:13:57.884",
  "transactionId": "command-web-d881d855-3d7e-4ba8-afb0-4a3764b8bd6049BE5635-38F7-4F2E-
B4C7-5EFDEC14D33A",
  "useCase": "loginAnonymous",
  "useCaseStep": "0",
  "user": "UAFon5sbeoZ"
}

```

Example 1.3: action [PRODUCED]

```

{
  "action": "[PRODUCED]",
  "actionDescription": "event response from kafka : mfaf.createServiceInventoryNotification",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais2.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "49BE5635-38F7-4F2E-B4C7-5EFDEC14D33A"
  ],
  "instance": "communication-subscribe-6b484544f8-2j8sz",
  "level": "info",
  "message":
    "{\\"topicName\\":\\"mfaf.createServiceInventoryNotification\\",\\"partition\\":0,\\"errorCode\\":0,\\"baseO
ffset\\":\\"127082\\",\\"logAppendTime\\":\\"-1\\",\\"logStartOffset\\":\\"126327\\"}",
  "originateServiceName": "Event Source",
  "public": "none",
  "recordName": "mfaf.productInventoryQueried",
  "recordType": "detail",
  "responseTime": 4.261557579040527,
  "sessionId": "command-web-d881d855-3d7e-4ba8-afb0-4a3764b8bd6049BE5635-38F7-4F2E-B4C7-

```

```

5EFDEC14D33A",
  "timestamp": "2025-04-03 11:13:57.888",
  "transactionId": "command-web-d881d855-3d7e-4ba8-afb0-4a3764b8bd6049BE5635-38F7-4F2E-
B4C7-5EFDEC14D33A",
  "useCase": "loginAnonymous",
  "useCaseStep": "0",
  "user": "UAFon5sbeoZ"
}

```

6.2) when realizing service name is Notification

Kafka topic / Consume (recordName): mfaf.productInventoryQueried

Kafka topic / Produce (when realizingService.name = Notification):

mfaf.inquiryServiceInventory

Example 1: The success case – Success

Example 1.1: action [CONSUMING]

```

{
  "action": "[CONSUMING]",
  "actionDescription": "start consuming event: mfaf.productInventoryQueried",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais2.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "f930f5d9b92fa906"
  ],
  "instance": "communication-subscribe-6b484544f8-2j8sz",
  "level": "info",
  "message": "{\"data\":{\"header\":{\"version\":\"5.0\",\"timestamp\":\"2025-04-02T09:53:10.784Z\",\"orgService\":\"party\",\"scope\":\"global\",\"from\":\"product.product\",\"channel\":\"myais2.0\",\"broker\":\"none\",\"agent\":\"mfis\",\"useCase\":\"loginMsisdn\",\"useCaseStep\":\"0\",\"useCaseAge\":4,\"useCaseStartTime\":\"2025-04-02T16:53:10.554Z\",\"useCaseExpiryTime\":\"2025-04-02T16:53:40.554Z\",\"messageType\":\"command\",\"session\":\"command-web-5734bfe9-e97e-4744-b5e4-ef113ba3c8f7f930f5d9b92fa906\",\"transaction\":\"command-web-ccb295ec-cdc0-4bf7-95a4-802c09566181none\",\"communication\":\"unicast\",\"groupTags\":[],\"identity\":{\"device\":{\"f930f5d9b92fa906\"},\"public\":\"0934025405\",\"user\":\"wmAFV11N2LU\"},\"tmfSpec\":\"TMF637\"},\"baseApiVersion\":\"4.0.0\",\"schemaVersion\":\"1\",\"instanceData\":\"GyUCAIzUVncWwk+ps9c3tE1KffUFGHIQRbypDhw24AQw8sgGsEEXspOgrOzT+Xc86OMjEjJLM5dULFaUO8PujgMJdvZYJ0BUJndyu8s6RCw/QvbbJA+hvy30chYDwAfoxHOR4wwG3IWM4LZ+RTD8YtaFiNc+GxcrD+kU3m5AuucUoqVlglljK7o71uXDxtpJ82jxYXtetm2vbj3kkkpJ74blMA8yX/xyWJE0sCy1GkH0h9Og23YDTToXsC6rsFPx0dqceMJYuzlz0/N1QuulZyVQGf3FsnCdq9D2KFccu0YxUG1uyTCNoQzmL4PhFMp9+14DjtZofFoMu9/TWjCaeW/oILvYrxT+Oly8kMxTonknw+viPKmujxKD3EBt+j/b+hijD/JqLD3HHTu7dip8HjOMHmYY+0XYAHilHjt/8DX8rbE4L6s1

```

```

INOSQK/sGBSN8Sk2hWQUlwiBsx4iKg+2IOqcPsuqiHClAagnpJDgvHzBLWYYFQaCeq10eRb0CyUkEyRem
eGMh1CIHmjBlzj2E4QeYYRupwLjQ9U8l8NkNo4hiahnO30JeKGdxyJGXR7dSdlcH1W3fwY=\",\"body\":{
  \"productInventory\":{\"_id\": \"6780be996c31cd9350a201ba\", \"id\": \"e2F9vjfYyy1\", \"uuid\": \"e2
  F9vjfYyy1\", \"startDate\": \"2025-01-
  10T06:30:44.835Z\", \"status\": \"active\", \"name\": \"MYAIS\", \"realizingService\": {\"id\": \"wxwr8ZA
  00i0\", \"name\": \"Preferences\", \"id\": \"jIEC848xrY7\", \"name\": \"Notification\"}}, \"relatedParty\
  \": {\"id\": \"wmAFV11N2LU\", \"@referredType\": \"DigitalIdentity\"}}, \"correlationId\": \"wmAFV11N
  2LU\", \"ts\": \"6780bebb6c31cd9350a201bc\", \"lastModifiedTime\": \"2025-01-
  10T06:31:23.700Z\"}}}, \"kafka\": {\"magicByte\": 2, \"attributes\": 0, \"timestamp\": \"1743587590789\
  \", \"isControlRecord\": false, \"topic\": \"mfaf.productInventoryQueried\", \"key\": null, \"offset\": \"7528
  30\", \"partition\": 0}},
  \"originateServiceName\": \"Event Source\",
  \"public\": \"0934025405\",
  \"recordName\": \"mfaf.productInventoryQueried\",
  \"recordType\": \"detail\",
  \"sessionId\": \"command-web-5734bfe9-e97e-4744-b5e4-ef113ba3c8f7f930f5d9b92fa906\",
  \"timestamp\": \"2025-04-02 16:53:10.796\",
  \"transactionId\": \"command-web-ccb295ec-cdc0-4bf7-95a4-802c09566181none\",
  \"useCase\": \"loginMsisdn\",
  \"useCaseStep\": \"0\",
  \"user\": \"wmAFV11N2LU\"
}

```

Example 1.2: action [PRODUCING]

```

{
  \"action\": \"[PRODUCING]\",
  \"actionDescription\": \"producing event: (common.communication) -> mfaf.inquiryServiceInventory\",
  \"appName\": \"MFAF\",
  \"broker\": \"none\",
  \"channel\": \"myais2.0\",
  \"componentName\": \"common.communication\",
  \"componentVersion\": \"1.0\",
  \"device\": [
    \"f930f5d9b92fa906\"
  ],
  \"instance\": \"communication-subscribe-6b484544f8-2j8sz\",
  \"level\": \"info\",
  \"message\": \"{ \"header\": { \"version\": \"5.0\", \"timestamp\": \"2025-04-
  02T09:53:10.784Z\", \"orgService\": \"party\", \"scope\": \"global\", \"from\": \"product.product\", \"cha
  nnel\": \"myais2.0\", \"broker\": \"none\", \"agent\": \"mfis\", \"useCase\": \"loginMsisdn\", \"useCaseSt
  ep\": \"0\", \"useCaseAge\": 4, \"useCaseStartTime\": \"2025-04-
  02T16:53:10.554Z\", \"useCaseExpiryTime\": \"2025-04-
  02T16:53:40.554Z\", \"messageType\": \"command\", \"session\": \"command-web-5734bfe9-e97e-
  4744-b5e4-ef113ba3c8f7f930f5d9b92fa906\", \"transaction\": \"command-web-ccb295ec-cdc0-4bf7-
  95a4-
  802c09566181none\", \"communication\": \"unicast\", \"groupTags\": [], \"identity\": { \"device\": [ \"f93
  0f5d9b92fa906\" ], \"public\": \"0934025405\", \"user\": \"wmAFV11N2LU\" }, \"tmfSpec\": \"TMF637\", \"

```

```

"baseApiVersion\":"4.0.0", "schemaVersion\":"1", "instanceData\":"GyUCAIzUVncWwk+ps9c3tE
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6RCw/QvbbJA+hvy30chYDwAfoxHOR4wwG3IWM4LZ+RTD8YtaFiNc+GxcrD+kU3m5AuucUoqVlglljK7o7
1uXDxtPJ82jxYXtetm2vbj3kkkpJ74blMA8yX/xyWJE0sCy1GkH0h9Og23YDToXsC6rsFPx0dqceMJYuzlz0/
N1QuulZyVQGf3FsnCdq9D2KFccu0YxUG1uyTCNoQzmL4PhFMp9+14DjtZofFoMu9/TWjCaeW/oILvYrxT
+0ly8kMxTonknw+viPKmujxKD3EBt+j/b+hijd/JqLD3HHTu7dip8HjOMHmYY+0XYAHilHJt/8DX8rbE4L6s1
INOSQK/sGBSN8Sk2hWQUilwilBsx4iKg+2IOqcPsuqiHClAagnpJDgvHzBLWYYFQaCeq10eRb0CyUkEyRem
eGMh1CIHmjBlzj2E4QeYYRupwLjQ9U8l8NkNo4hiahnO30JeKGDxyJGXR7dSdlcH1W3fwY=", "body\":{
  "id\":"jIEC848xrY7"},
  "originateServiceName": "Event Source",
  "public": "0934025405",
  "recordName": "mfaf.productInventoryQueried",
  "recordType": "detail",
  "sessionId": "command-web-5734bfe9-e97e-4744-b5e4-ef113ba3c8f7f930f5d9b92fa906",
  "timestamp": "2025-04-02 16:53:10.797",
  "transactionId": "command-web-ccb295ec-cdc0-4bf7-95a4-802c09566181none",
  "useCase": "loginMsisdn",
  "useCaseStep": "0",
  "user": "wmAFV11N2LU"
}

```

Example 1.3: action [PRODUCED]

```

{
  "action": "[PRODUCED]",
  "actionDescription": "event response from kafka : mfaf.inquiryServiceInventory",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais2.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "f930f5d9b92fa906"
  ],
  "instance": "communication-subscribe-6b484544f8-2j8sz",
  "level": "info",
  "message":
    "{ \"topicName\":"mfaf.inquiryServiceInventory\", \"partition\":0, \"errorCode\":0, \"baseOffset\":"62
    5267\", \"logAppendTime\":"-1\", \"logStartOffset\":"620478\"}",
    "originateServiceName": "Event Source",
    "public": "0934025405",
    "recordName": "mfaf.productInventoryQueried",
    "recordType": "detail",
    "responseTime": 17.905856132507324,
    "sessionId": "command-web-5734bfe9-e97e-4744-b5e4-ef113ba3c8f7f930f5d9b92fa906",
    "timestamp": "2025-04-02 16:53:10.815",
    "transactionId": "command-web-ccb295ec-cdc0-4bf7-95a4-802c09566181none",
    "useCase": "loginMsisdn",

```



```
"useCaseStep": "0",
"user": "wmAFV11N2LU"
}
```

7) mfaf.inquiryServiceInventoryFailed

7.1) when 404 data not found

Kafka topic / Consume (recordName): mfaf.inquiryServiceInventoryFailed

Kafka topic / Produce: mfaf.createServiceInventoryNotification

Example 1: The success case – Success

Example 1.1: action [CONSUMING]

```
{
  "action": "[CONSUMING]",
  "actionDescription": "start consuming event: mfaf.inquiryServiceInventoryFailed",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais2.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "142C538C-2E8E-4189-AE38-D8D2EB47CE6C"
  ],
  "instance": "communication-subscribe-6b484544f8-2j8sz",
  "level": "info",
  "message": "{\"data\":{\"body\":{\"code\":\"40400\",\"message\":\"Data not
found\",\"reason\":\"[SERVICE.SERVICE-INVENTORY] Data not
found\",\"referenceError\":\"\",\"status\":\"404\"},\"header\":{\"agent\":\"mfis\",\"baseApiVersion\
\":\"4.0.0\",\"broker\":\"none\",\"channel\":\"myais2.0\",\"communication\":\"unicast\",\"from\":\"k
afka-topic-mirror-upstream\",\"groupTags\":[],\"identity\":{\"device\":\"142C538C-2E8E-4189-AE38-
D8D2EB47CE6C\"},\"public\":\"0937019645\",\"user\":\"zYSvFpm2Tf\"},\"instanceData\":\"G9UBAB
wHdozs+WXEpEoRnb0hvarqvz0EfseTCdHBE++6jvpgA04AY84t4gXorCjL63wd4UcQtCzCB2jGd1/Y6nNxr
9v8gn48cT335bHezoV5QAuJE+uLW4DYdju1ncJuGJJlRsHuZHpvIgO8DB3FSR/XhtrGcLiGdN9/oFDdC70V
YF+Rz+Gu7Pfc+ZhoNp1f0iSPgBt2hMiLoaRHF7hho+Sgr5GY4kdy8Am16u9nPCWQyCf2nDCJjxhNGvUI2yL
WoYYj4lInvoxIH/pwlmh2YEKtGIJOMyoKppupa0yD3cJ0bU6NCAO5D6ECw3hjm42HI2ULelAXXDlUj4sB4e
NB5OTfjXd8TwuJT8ZKfgO7v2S4z2fIAzv6UY5N7foim8ThvBDi0M5PlcvFuVS2faY0WAZpwjKsmhA2sH20/
WCsREbrZ2U3q62+UR+OkDfqVyWSfvfm8tRRGrRqund5m5qoWSPrywX3X7h4vliBoWqCyocerQvdIlc5h
Z1KRL+OBjZjo//kj\",\"messageType\":\"command\",\"orgService\":\"SERVICE.SERVICE-
INVENTORY\",\"schemaVersion\":\"1.0\",\"scope\":\"global\",\"session\":\"command-web-dcf7cd4b-
1698-492c-a7bd-69d020cc959a142C538C-2E8E-4189-AE38-D8D2EB47CE6C\",\"timestamp\":\"2025-
04-02T09:50:29.134Z\",\"tmfSpec\":\"TMF638\",\"transaction\":\"command-web-c6bea2a6-42e5-
418c-b6fe-
617b31ae7a94none\",\"useCase\":\"loginMsisdn\",\"useCaseAge\":7,\"useCaseExpiryTime\":\"2025-
04-02T16:50:56.313Z\",\"useCaseStartTime\":\"2025-04-
02T16:50:26.313Z\",\"useCaseStep\":\"0\",\"version\":\"5.0\"}},\"kafka\":{\"magicByte\":2,\"attribut
```

```

es\":0,\"timestamp\\\": \"1743587560804\\\", \"isControlRecord\\\": false, \"topic\\\": \"mfaf.inquiryServiceInventoryFailed\\\", \"key\\\": \"\", \"offset\\\": \"87963\\\", \"partition\\\": 0}},
  \"originateServiceName\": \"Event Source\",
  \"public\": \"0937019645\",
  \"recordName\": \"mfaf.inquiryServiceInventoryFailed\",
  \"recordType\": \"detail\",
  \"sessionId\": \"command-web-dcf7cd4b-1698-492c-a7bd-69d020cc959a142C538C-2E8E-4189-AE38-D8D2EB47CE6C\",
  \"timestamp\": \"2025-04-02 16:50:28.875\",
  \"transactionId\": \"command-web-c6bea2a6-42e5-418c-b6fe-617b31ae7a94none\",
  \"useCase\": \"loginMsisdn\",
  \"useCaseStep\": \"0\",
  \"user\": \"zYSvvFpm2Tf\"
}

```

Example 1.2: action [PRODUCING]

```

{
  \"action\": \"[PRODUCING]\",
  \"actionDescription\": \"producing event: (common.communication) -> mfaf.createServiceInventoryNotification\",
  \"appName\": \"MFAF\",
  \"broker\": \"none\",
  \"channel\": \"myais2.0\",
  \"componentName\": \"common.communication\",
  \"componentVersion\": \"1.0\",
  \"device\": [
    \"142C538C-2E8E-4189-AE38-D8D2EB47CE6C\"
  ],
  \"instance\": \"communication-subscribe-6b484544f8-2j8sz\",
  \"level\": \"info\",
  \"message\":
    \"{\\\"body\\\":{\\\"correlationId\\\":[\\\"zYSvvFpm2Tf\\\"],\\\"digitalId\\\":\\\"zYSvvFpm2Tf\\\",\\\"name\\\":\\\"Notification\\\",\\\"feature\\\":{\\\"id\\\":\\\"1\\\",\\\"isEnabled\\\":true,\\\"name\\\":\\\"notificationCategory\\\",\\\"featureCharacteristic\\\":{\\\"id\\\":\\\"0001\\\",\\\"name\\\":\\\"allowedNotificationCategory\\\",\\\"valueType\\\":\\\"stringArray\\\",\\\"value\\\":[\\\"bill\\\",\\\"usage\\\",\\\"privileges\\\",\\\"promotion\\\",\\\"digitalService\\\",\\\"information\\\"]}}}},\\\"header\\\":{\\\"agent\\\":\\\"mfis\\\",\\\"baseApiVersion\\\":\\\"4.0.0\\\",\\\"broker\\\":\\\"none\\\",\\\"channel\\\":\\\"myais2.0\\\",\\\"communication\\\":\\\"unicast\\\",\\\"from\\\":\\\"kafka-topic-mirror-upstream\\\",\\\"groupTags\\\":[],\\\"identity\\\":{\\\"device\\\":[\\\"142C538C-2E8E-4189-AE38-D8D2EB47CE6C\\\"],\\\"public\\\":\\\"0937019645\\\",\\\"user\\\":\\\"zYSvvFpm2Tf\\\"},\\\"instanceData\\\":\\\"G9UBABwHdozs+WXEpEoRnb0hvarqvz0EfseTCdHBE++6jvpgA04AY84t4gXorCjL63wd4UcQtCzCB2jGd1/Y6nNxr9v8gn48cT335bHezoV5QAuJE+uLW4DYdju1ncJuGJJIRsHuZHpVlgO8DB3FSR/XhtrGcLiGdN9/oFdDc70VYF+Rz+Gu7Pfc+ZhoNp1f0iSPgBt2hMiLoaRHF7hho+Sgr5GY4kdy8Am16u9nPCWQyCf2nDCJjxhNGvUI2yLWoYyJ4InvoxIH/pwlMH2YEKtGIJOMyoKppupa0yD3cJ0bU6NCAO5D6ECw3hjm42HI2ULelAXXDUIJ4sB4eNB5OTfjXd8TwuJT8ZKfgO7v2S4z2fIAzv6UY5N7foim8ThvBDi0M5PlcvFuVS2faY0WAZpwjKsmhA2sH20/WCsREbrZ2U3q62+UR+OkDfqVyWSfvfm8tRRGrRqund5m5qoWSPRyWx3X7h4vliBoWqCyocerQvdlIc5hZ1KRL+OBjZjo//kj\\\",\\\"messageType\\\":\\\"command\\\",\\\"orgService\\\":\\\"SERVICE.SERVICE-INVENTORY\\\",\\\"schemaVersion\\\":\\\"1.0\\\",\\\"scope\\\":\\\"global\\\",\\\"session\\\":\\\"command-web-dcf7cd4b-

```

```

1698-492c-a7bd-69d020cc959a142C538C-2E8E-4189-AE38-D8D2EB47CE6C\", \"timestamp\": \"2025-04-02T09:50:29.134Z\", \"tmfSpec\": \"TMF638\", \"transaction\": \"command-web-c6bea2a6-42e5-418c-b6fe-617b31ae7a94none\", \"useCase\": \"loginMsisdn\", \"useCaseAge\": 7, \"useCaseExpiryTime\": \"2025-04-02T16:50:56.313Z\", \"useCaseStartTime\": \"2025-04-02T16:50:26.313Z\", \"useCaseStep\": \"0\", \"version\": \"5.0\"}},
  \"originateServiceName\": \"Event Source\",
  \"public\": \"0937019645\",
  \"recordName\": \"mfaf.inquiryServiceInventoryFailed\",
  \"recordType\": \"detail\",
  \"sessionId\": \"command-web-dcf7cd4b-1698-492c-a7bd-69d020cc959a142C538C-2E8E-4189-AE38-D8D2EB47CE6C\",
  \"timestamp\": \"2025-04-02 16:50:28.876\",
  \"transactionId\": \"command-web-c6bea2a6-42e5-418c-b6fe-617b31ae7a94none\",
  \"useCase\": \"loginMsisdn\",
  \"useCaseStep\": \"0\",
  \"user\": \"zYSvvFpm2Tf\"
}

```

Example 1.3: action [PRODUCED]

```

{
  \"action\": \"[PRODUCED]\",
  \"actionDescription\": \"event response from kafka : mfaf.createServiceInventoryNotification\",
  \"appName\": \"MFAF\",
  \"broker\": \"none\",
  \"channel\": \"myais2.0\",
  \"componentName\": \"common.communication\",
  \"componentVersion\": \"1.0\",
  \"device\": [
    \"142C538C-2E8E-4189-AE38-D8D2EB47CE6C\"
  ],
  \"instance\": \"communication-subscribe-6b484544f8-2j8sz\",
  \"level\": \"info\",
  \"message\":
    \"{\\\"topicName\\\": \\\"mfaf.createServiceInventoryNotification\\\", \\\"partition\\\": 0, \\\"errorCode\\\": 0, \\\"baseOffset\\\": 126715\\\", \\\"logAppendTime\\\": -1\\\", \\\"logStartOffset\\\": 126090\\\"}\",
    \"originateServiceName\": \"Event Source\",
    \"public\": \"0937019645\",
    \"recordName\": \"mfaf.inquiryServiceInventoryFailed\",
    \"recordType\": \"detail\",
    \"responseTime\": 7.36357307434082,
    \"sessionId\": \"command-web-dcf7cd4b-1698-492c-a7bd-69d020cc959a142C538C-2E8E-4189-AE38-D8D2EB47CE6C\",
    \"timestamp\": \"2025-04-02 16:50:28.884\",
    \"transactionId\": \"command-web-c6bea2a6-42e5-418c-b6fe-617b31ae7a94none\",
    \"useCase\": \"loginMsisdn\",
    \"useCaseStep\": \"0\",

```

```
"user": "zYSvvFpm2Tf"
}
```

7.2) when other error

Kafka topic / Consume (recordName): mfaf.inquiryServiceInventoryFailed

Example 1: The success case – Success

Example 1.1: action [CONSUMING]

```
{
  "action": "[CONSUMING]",
  "actionDescription": "start consuming event: mfaf.inquiryServiceInventoryFailed",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais3.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "8a57416cf15ff7ae"
  ],
  "instance": "communication-subscribe-6b484544f8-2j8sz",
  "level": "info",
  "message": "{\n  \"data\": {\n    \"body\": {\n      \"code\": \"40000\",\n      \"message\": \"id should not be empty\",\n      \"reason\": \"[SERVICE.SERVICE-INVENTORY] Missing or incorrect parameter\",\n      \"referenceError\": \"\",\n      \"status\": \"400\",\n      \"header\": {\n        \"agent\": \"Myais/12.0.0 (1578)\",\n        \"baseApiVersion\": \"4.0.0\",\n        \"broker\": \"none\",\n        \"channel\": \"myais3.0\",\n        \"communication\": \"unicast\",\n        \"from\": \"kafka-topic-mirror-upstream\",\n        \"functionName\": \"\",\n        \"groupTags\": [],\n        \"identity\": {\n          \"device\": [\"8a57416cf15ff7ae\"],\n          \"public\": \"0934000835\",\n          \"user\": \"2ybBylJrBor\",\n          \"initMethod\": \"\",\n          \"initUri\": \"\",\n          \"instanceData\": \"\",\n          \"messageType\": \"command\",\n          \"orgService\": \"SERVICE.SERVICE-INVENTORY\",\n          \"queryParam\": \"\",\n          \"schemaVersion\": \"1.0\",\n          \"scope\": \"global\",\n          \"session\": \"command-oda=924c1f21-c903-4341-8139-17c0ff8f80398a57416cf15ff7ae\",\n          \"statusCode\": \"\",\n          \"timestamp\": \"2025-04-03T04:00:51.772Z\",\n          \"tmfSpec\": \"TMF638\",\n          \"transaction\": \"command-oda=ca5d2b0f-531b-4334-8987-3ef395c8df978a57416cf15ff7ae\",\n          \"useCase\": \"none\",\n          \"useCaseAge\": 5,\n          \"useCaseExpiryTime\": \"\",\n          \"useCaseStartTime\": \"\",\n          \"useCaseStep\": \"none\",\n          \"version\": \"5.0\"}\n        },\n        \"kafka\": {\n          \"magicByte\": 2,\n          \"attributes\": 0,\n          \"timestamp\": \"1743652984616\",\n          \"isControlRecord\": false,\n          \"topic\": \"mfaf.inquiryServiceInventoryFailed\",\n          \"key\": \"\",\n          \"offset\": \"88065\",\n          \"partition\": 0\n        }\n      }\n    },\n    \"originateServiceName\": \"Event Source\",\n    \"public\": \"0934000835\",\n    \"recordName\": \"mfaf.inquiryServiceInventoryFailed\",\n    \"recordType\": \"detail\",\n    \"sessionId\": \"command-oda=924c1f21-c903-4341-8139-17c0ff8f80398a57416cf15ff7ae\",\n    \"timestamp\": \"2025-04-03 11:00:51.492\",\n    \"transactionId\": \"command-oda=ca5d2b0f-531b-4334-8987-3ef395c8df978a57416cf15ff7ae\",\n    \"useCase\": \"none\",
```

```
"useCaseStep": "none",
"user": "2ybBylJrBor"
}
```

8) mfaf.serviceInventoryInquired

Kafka topic / Consume (recordName): mfaf.serviceInventoryInquired

API Service / Post: /api/v1/subscribers

Example 1: The success case – Success

Example 1.1: action [CONSUMING]

```
{
  "action": "[CONSUMING]",
  "actionDescription": "start consuming event: mfaf.serviceInventoryInquired",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais2.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "d39c7b1d8b73218e"
  ],
  "instance": "communication-subscribe-6b484544f8-2j8sz",
  "level": "info",
  "message": "{\"data\":{\"body\":{\"correlationId\":\"86O2k0clXfT\"},\"endDate\":\"2025-04-02T09:43:03.651Z\"},\"feature\":{\"featureCharacteristic\":{\"id\":\"0001\",\"lastModified\":\"1970-01-01T00:00:00.000Z\"},\"name\":\"allowedNotificationCategory\",\"value\":{\"en\",\"bill\",\"privileges\",\"promotion\",\"information\",\"digitalService\"},\"valueType\":\"string\"}},\"id\":\"1\",\"isEnabled\":true,\"name\":\"notificationCategory\"}},\"id\":\"jk4liWeIF8y\",\"name\":\"Notification\",\"startDate\":\"2025-04-02T09:43:03.651Z\",\"ts\":\"67ed06b0c0d492382695b555\",\"uuid\":\"jk4liWeIF8y\"},\"header\":{\"agent\":\"mfis\",\"baseApiVersion\":\"4.0.0\",\"broker\":\"none\",\"channel\":\"myais2.0\",\"communication\":\"unicast\",\"from\":\"kafka-topic-mirror-upstream\",\"groupTags\":{},\"identity\":{\"device\":\"d39c7b1d8b73218e\"},\"public\":\"0937055392\",\"user\":\"86O2k0clXfT\"},\"instanceData\":\"G3UCABwHdozs9W0kRUoRnb1BN2vafz3BA33HLcj mUirUUV8/oks02Emqsjrn6xjCj3iZAqs9lfJwFC60S0mVb7RxRHh58Gd4zbeqnCNdcLMPjbeRcgDVsksrGzVQh+sE85Emqoi3DNKWDMu68ly4+0VB7mJFBQjHlEmk3pk9q9yZxpc9zcCfSqYFUTchMPRzaB/caxaULr uTth2sTSKBXufWgP5fuKnsMWWfRIU8p4Ki/kCKXCMz/cHpMZPzhwrkU9QwzF1/Vqb7masqT2aLpJOCJTB GtQCD293C6h14G6p8dRnXKQcekGi+kxGNFgjGKrkpw3yTro7YvAV1PS9Fgr7b4nA61yz7fkyIQNYgpGQ0 cMr+iMy/8CIPHOMdbSac9BvVxYK4XTkR08IHDwZ4lvETjONIHYN9IEAZ2ceqBjPBR9QlbrfhEgK8wsbv7JA HimCMAEEjeuXSajQIg0TaF76rUcgwzXnlKIRdpENWJr0G6CmJ5AipX61sZ1Ku/wW3PPendJZety/P4cW33 1RyXd4IFlyUHI8uPEvbk7WqWGN8D/MnE/WRwm/Nuww7NKGbdfimBDLeGQOJKokwK9A9o8p5paTNm 1xXsuK7/QFmGNjWxQxgjBolPCx45P51IGBd0jAETk3U5MIp1Nlk2ac7IVfwR\"},\"messageType\":\"comm and\",\"orgService\":\"SERVICE.SERVICE-
```

```
INVENTORY\", \"schemaVersion\": \"1.0\", \"scope\": \"global\", \"session\": \"command-web-302dbea1-213d-4696-b60b-f401db09fa76d39c7b1d8b73218e\", \"timestamp\": \"2025-04-02T09:55:58.084Z\", \"tmfSpec\": \"TMF638\", \"transaction\": \"command-web-73aec949-44f2-4a12-9224-d021cebd0e01none\", \"useCase\": \"loginMsisdn\", \"useCaseAge\": 7, \"useCaseExpiryTime\": \"2025-04-02T16:56:23.815Z\", \"useCaseStartTime\": \"2025-04-02T16:55:53.815Z\", \"useCaseStep\": \"0\", \"version\": \"5.0\"}}, \"kafka\": {\"magicByte\": 2, \"attributes\": 0, \"timestamp\": \"1743587889768\", \"isControlRecord\": false, \"topic\": \"mfaf.serviceInventoryInquired\", \"key\": \"\", \"offset\": \"537742\", \"partition\": 0}},
  \"originateServiceName\": \"Event Source\",
  \"public\": \"0937055392\",
  \"recordName\": \"mfaf.serviceInventoryInquired\",
  \"recordType\": \"detail\",
  \"sessionId\": \"command-web-302dbea1-213d-4696-b60b-f401db09fa76d39c7b1d8b73218e\",
  \"timestamp\": \"2025-04-02 16:55:57.833\",
  \"transactionId\": \"command-web-73aec949-44f2-4a12-9224-d021cebd0e01none\",
  \"useCase\": \"loginMsisdn\",
  \"useCaseStep\": \"0\",
  \"user\": \"86O2k0clXfT\"
}
```

Example 1.2: action [HTTP_REQUEST]

```
{
  \"action\": \"[HTTP_REQUEST]\",
  \"actionDescription\": \"createSubscriber common.communication -> AC\",
  \"appName\": \"MFAF\",
  \"broker\": \"none\",
  \"channel\": \"myais2.0\",
  \"componentName\": \"common.communication\",
  \"componentVersion\": \"1.0\",
  \"dependency\": \"mfaf.serviceInventoryInquired\",
  \"device\": [
    \"d39c7b1d8b73218e\"
  ],
  \"instance\": \"communication-subscribe-6b484544f8-2j8sz\",
  \"level\": \"info\",
  \"message\": \"{\\\"method\\\": \\\"POST\\\", \\\"baseUrl\\\": \\\"http://ac-common.ac-common-sit.svc:8801\\\", \\\"url\\\": \\\"/api/v1/createSubscriber\\\", \\\"timeout\\\": 12000, \\\"headers\\\": {\\\"Content-Type\\\": \\\"application/json\\\", \\\"mfaf-session\\\": \\\"command-web-302dbea1-213d-4696-b60b-f401db09fa76d39c7b1d8b73218e\\\", \\\"mfaf-transaction\\\": \\\"command-web-73aec949-44f2-4a12-9224-d021cebd0e01none\\\", \\\"mfaf-broker\\\": \\\"none\\\", \\\"mfaf-channel\\\": \\\"myais2.0\\\", \\\"mfaf-device\\\": [\\\"d39c7b1d8b73218e\\\"], \\\"mfaf-public\\\": \\\"0937055392\\\", \\\"mfaf-useCase\\\": \\\"loginMsisdn\\\", \\\"mfaf-useCaseStep\\\": \\\"0\\\", \\\"mfaf-user\\\": \\\"86O2k0clXfT\\\"}}, \\\"data\\\": {\\\"characteristic\\\": {\\\"name\\\": \\\"appld\\\", \\\"valueType\\\": \\\"string\\\", \\\"value\\\": \\\"454400030025003\\\"}, {\\\"name\\\": \\\"appName\\\", \\\"valueType\\\": \\\"string\\\", \\\"value\\\": \\\"MyAIS\\\"}, {\\\"name\\\": \\\"appVersion\\\", \\\"valueType\\\": \\\"string\\\", \\\"value\\\": \\\"10.0.0\\\"}}, \\\"transaction\\\": \\\"comman
```

```

d-web-73aec949-44f2-4a12-9224-
d021cebd0e01none\","correlationId\":"86O2k0clXfT\","TORO_deviceInfo\":{"deviceId\":"d39c7
b1d8b73218e\","status\":"logged-
in\","deviceToken\":"cDtjBofbQGqWEk5DTEI5Oq:APA91bGokHdmOzUS6Fcq4dX0tMM45yBMp-
q3O3FjfaAstQpFXm-QPeL69fFbWHRRxhcnWg8NB7YYPGGJ-WgREbXR0rqr7xylPT3G4-
AldwgVfZiXDdMMPQM\","deviceModel\":"Google -
sdk_gphone64_x86_64\","platform\":"Android\","platformVersion\":"14\","trackingId\":null,\lo
goutReason\":null,\lastActiveDate\":"2025-04-
02T09:11:52.886Z\","location\":{"@referredType\":"GeographicLocation\","id\":"cT56vyxnlw0\}
,\isCurrent\":true}}\,"httpsAgent\":{"_events\":{},"_eventsCount\":2,"defaultPort\":443,"protoc
ol\":"https\","options\":{"rejectUnauthorized\":false,"noDelay\":true,"path\":null,"requests\":
{},"sockets\":{},"freeSockets\":{},"keepAliveMsecs\":1000,"keepAlive\":false,"maxSockets\":null,\
"maxFreeSockets\":256,"scheduling\":"lifo","maxTotalSockets\":null,"totalSocketCount\":0,"ma
xCachedSessions\":100,"_sessionCache\":{"map\":{},"list\":[]}}},
  "originateServiceName": "Event Source",
  "public": "0937055392",
  "recordName": "mfaf.serviceInventoryInquired",
  "recordType": "detail",
  "sessionId": "command-web-302dbea1-213d-4696-b60b-f401db09fa76d39c7b1d8b73218e",
  "subAction": "/api/v1/createSubscriber",
  "timestamp": "2025-04-02 16:55:57.834",
  "transactionId": "command-web-73aec949-44f2-4a12-9224-d021cebd0e01none",
  "useCase": "loginMsisdn",
  "useCaseStep": "0",
  "user": "86O2k0clXfT"
}

```

Example 1.3: action [HTTP_RESPONSE]

```

{
  "action": "[HTTP_RESPONSE]",
  "actionDescription": "createSubscriber AC -> common.communication",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais2.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "dependency": "mfaf.serviceInventoryInquired",
  "device": [
    "d39c7b1d8b73218e"
  ],
  "instance": "communication-subscribe-6b484544f8-2j8sz",
  "level": "info",
  "message": "{ \"headers\": { \"content-type\": \"application/json; charset=utf-8\", \"content-
length\": \"117\", \"etag\": \"W/\\\"75-IPFIps+WkAsSg2KWMGvaDb/R8Fo\\\"\", \"date\": \"Wed, 02
Apr 2025 09:55:58 GMT\", \"connection\": \"close\" }, \"body\": { \"transaction\": \"command-web-

```

```

73aec949-44f2-4a12-9224-
d021cebd0e01none\","status\":"200","code\":"20000","reason\":"SUCCESS\"}",
  "originateServiceName": "Event Source",
  "public": "0937055392",
  "recordName": "mfaf.serviceInventoryInquired",
  "recordType": "detail",
  "responseTime": 222.398,
  "resultCode": "20000",
  "sessionId": "command-web-302dbea1-213d-4696-b60b-f401db09fa76d39c7b1d8b73218e",
  "subAction": "/api/v1/createSubscriber",
  "timestamp": "2025-04-02 16:55:58.056",
  "transactionId": "command-web-73aec949-44f2-4a12-9224-d021cebd0e01none",
  "useCase": "loginMsisdn",
  "useCaseStep": "0",
  "user": "86O2k0clXft"
}

```

9) *mfaf.serviceInventoryNotificationCreated*

Kafka topic / Consume (recordName): mfaf.serviceInventoryNotificationCreated

API Service / Post: /api/v1/subscribers

Example 1: The success case – Success

Example 1.1: action [CONSUMING]

```

{
  "action": "[CONSUMING]",
  "actionDescription": "start consuming event: mfaf.serviceInventoryNotificationCreated",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais2.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "1ba1da69c8eff1a9"
  ],
  "instance": "communication-subscribe-6b484544f8-2j8sz",
  "level": "info",
  "message":
    "{\data\":"body\":"correlationId\":[\"piGHzdsotCS\"],\"digitalId\":"piGHzdsotCS\", \"endDate\":"2025-04-02T09:56:26.418Z\", \"feature\":"featureCharacteristic\":"id\":"0001\", \"lastModified\":"2025-04-02T09:56:26.418Z\", \"name\":"allowedNotificationCategory\", \"value\":"bill\", \"usage\", \"privileges\", \"promotion\", \"digitalService\", \"information\", \"valueType\":"stringArray\", \"id\":"1\", \"isEnabled\":"true\", \"name\":"notificationCategory\", \"id\":"ShEDZcBclVW\", \"name\":"Notification\", \"startDate\":"2025-04-

```



```

02T09:56:26.418Z\", \"ts\": \"67ed09cac0d492382695b593\", \"uuid\": \"ShEDZcBclVW\", \"header\": {
  \"agent\": \"mfis\", \"baseApiVersion\": \"4.0.0\", \"broker\": \"none\", \"channel\": \"myais2.0\", \"com
  munication\": \"unicast\", \"from\": \"kafka-topic-mirror-
  upstream\", \"groupTags\": [], \"identity\": { \"device\": \"1ba1da69c8eff1a9\" }, \"public\": \"093400077
  4\", \"user\": \"piGHZdsotCS\" }, \"instanceData\": \"G0ECAIzUVncVyk+ps9c3tM1SX+UF0Sjije3Ah5ITtgAz
  TTTGwFpACeDxsDF2hOi0Qu3149d4xMtLpjqe1U4FrI7ChRYuXe+ZUnZRM8xtXT7Sp5cxkmZKvZ0htcgCmi
  WfzB5m/UrB/z9zDCvLE84BNdaHj9/eVZGeF+uqMYus3yHageoVrcOxl4HuLR+FPuAdWq8Q7BF8otmhK1
  oqZCqWDwS3UtOwyrNHJ9RFIDp21YiYgbZ1A1TymbohGu8AEbynDGHX/QKozic/dfVZNa9wRtpz51q50F
  scOidtlvDLCPAmLWdJiFIJ9O3NfE16sljKjUYbQZEq8Wj+l7xDnYdXYY82HLsVNbwqSaFnbt5WX6PBayFG0X
  ID0b6Z6yDBCAXT0aVPPCibRco0MAopgJyAmnNfAd9ieYWwyZHQStFDSBsBoZAdMEDGkOEf85P5OEOESSc
  lcyMhooybcRbja7byg3G2POj4kJSofJxIJ9xnuabJ41v7KDKeBThQniSWVR/LxVpKwgY000B3R9A08OKw3H
  ID54GcAchLEV7WT+8KVdMIHXrBdDuwCn7GN61uhUD7S2nw/G+M+hE7IOOrvAjSNUjn2eLM6QKuiEok
  NrG4x/zT1ms=\", \"messageType\": \"command\", \"orgService\": \"SERVICE.SERVICE-
  INVENTORY\", \"schemaVersion\": \"1.0\", \"scope\": \"global\", \"session\": \"command-web-
  5c97cd1d-74ea-42d2-a3af-d4050cf4436e1ba1da69c8eff1a9\", \"timestamp\": \"2025-04-
  02T09:56:26.416Z\", \"tmfSpec\": \"TMF638\", \"transaction\": \"command-web-c56e326f-4108-485d-
  bfa4-
  7ae770e7a921none\", \"useCase\": \"registerMsisdn\", \"useCaseAge\": 10, \"useCaseExpiryTime\": \"20
  25-04-02T16:56:54.604Z\", \"useCaseStartTime\": \"2025-04-
  02T16:56:24.604Z\", \"useCaseStep\": \"0\", \"version\": \"5.0\" }, \"kafka\": { \"magicByte\": 2, \"attribut
  es\": 0, \"timestamp\": \"1743587918066\", \"isControlRecord\": false, \"topic\": \"mfaf.serviceInventory
  NotificationCreated\", \"key\": \"\", \"offset\": \"125289\", \"partition\": 0 } },
  \"originateServiceName\": \"Event Source\",
  \"public\": \"0934000774\",
  \"recordName\": \"mfaf.serviceInventoryNotificationCreated\",
  \"recordType\": \"detail\",
  \"sessionId\": \"command-web-5c97cd1d-74ea-42d2-a3af-d4050cf4436e1ba1da69c8eff1a9\",
  \"timestamp\": \"2025-04-02 16:56:26.130\",
  \"transactionId\": \"command-web-c56e326f-4108-485d-bfa4-7ae770e7a921none\",
  \"useCase\": \"registerMsisdn\",
  \"useCaseStep\": \"0\",
  \"user\": \"piGHZdsotCS\"
}

```

Example 1.2: action [HTTP_REQUEST]

```

{
  \"action\": \"[HTTP_REQUEST]\",
  \"actionDescription\": \"createSubscriber common.communication -> AC\",
  \"appName\": \"MFAF\",
  \"broker\": \"none\",
  \"channel\": \"myais2.0\",
  \"componentName\": \"common.communication\",
  \"componentVersion\": \"1.0\",
  \"dependency\": \"mfaf.serviceInventoryNotificationCreated\",
  \"device\": [
    \"1ba1da69c8eff1a9\"
  ],

```

```

"instance": "communication-subscribe-6b484544f8-2j8sz",
"level": "info",
"message": "{ \"method\": \"POST\", \"baseUrl\": \"http://ac-common.ac-common-
sit.svc:8801\", \"url\": \"/api/v1/createSubscriber\", \"timeout\": 12000, \"headers\": { \"Content-
Type\": \"application/json\", \"mfaf-session\": \"command-web-5c97cd1d-74ea-42d2-a3af-
d4050cf4436e1ba1da69c8eff1a9\", \"mfaf-transaction\": \"command-web-c56e326f-4108-485d-bfa4-
7ae770e7a921none\", \"mfaf-broker\": \"none\", \"mfaf-channel\": \"myais2.0\", \"mfaf-
device\": [\"1ba1da69c8eff1a9\"], \"mfaf-public\": \"0934000774\", \"mfaf-
useCase\": \"registerMsisdn\", \"mfaf-useCaseStep\": \"0\", \"mfaf-
user\": \"piGHZdsotCS\", \"data\": { \"characteristic\": { \"name\": \"appld\", \"valueType\": \"string\", \"
value\": \"454400030025003\" }, { \"name\": \"appName\", \"valueType\": \"string\", \"value\": \"MyAIS\"
}, { \"name\": \"appVersion\", \"valueType\": \"string\", \"value\": \"10.0.0\" } }, \"transaction\": \"comman
d-web-c56e326f-4108-485d-bfa4-
7ae770e7a921none\", \"correlationId\": \"piGHZdsotCS\", \"TORO_deviceInfo\": { \"deviceId\": \"1ba1d
a69c8eff1a9\", \"status\": \"logged-
in\", \"deviceToken\": \"cbnm8t21ToCmypeC7oloRo:APA91bH2R2ow6HPLvPKFI7odsSvzTKwkjsNU9kw
A_6lw4sPnCWa61cx_rwaS_f85NT423005GskNhIEbc0Ecmfr71eScolesVKYxnt25XO8232yM3Ctok0\", \"
deviceModel\": \"Google -
sdk_gphone64_arm64\", \"platform\": \"Android\", \"platformVersion\": \"14\", \"trackingId\": null, \"las
tActiveDate\": \"2025-04-
02T09:56:24.626Z\", \"isCurrent\": true } }, \"httpsAgent\": { \"_events\": { }, \"_eventsCount\": 2, \"default
Port\": 443, \"protocol\": \"https\", \"options\": { \"rejectUnauthorized\": false, \"noDelay\": true, \"path\
\": null }, \"requests\": { }, \"sockets\": { }, \"freeSockets\": { }, \"keepAliveMsecs\": 1000, \"keepAlive\": false, \"
maxSockets\": null, \"maxFreeSockets\": 256, \"scheduling\": \"lifo\", \"maxTotalSockets\": null, \"totalSo
cketCount\": 0, \"maxCachedSessions\": 100, \"_sessionCache\": { \"map\": { }, \"list\": [ ] } } },
\"originateServiceName\": \"Event Source\",
\"public\": \"0934000774\",
\"recordName\": \"mfaf.serviceInventoryNotificationCreated\",
\"recordType\": \"detail\",
\"sessionId\": \"command-web-5c97cd1d-74ea-42d2-a3af-d4050cf4436e1ba1da69c8eff1a9\",
\"subAction\": \"/api/v1/createSubscriber\",
\"timestamp\": \"2025-04-02 16:56:26.132\",
\"transactionId\": \"command-web-c56e326f-4108-485d-bfa4-7ae770e7a921none\",
\"useCase\": \"registerMsisdn\",
\"useCaseStep\": \"0\",
\"user\": \"piGHZdsotCS\"
}

```

Example 1.3: action [HTTP_RESPONSE]

```

{
  "action": "[HTTP_RESPONSE]",
  "actionDescription": "createSubscriber AC -> common.communication",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais2.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",

```

```

"dependency": "mfaf.serviceInventoryNotificationCreated",
"device": [
  "1ba1da69c8eff1a9"
],
"instance": "communication-subscribe-6b484544f8-2j8sz",
"level": "info",
"message": "{\"headers\":{\"content-type\":\"application/json; charset=utf-8\",\"content-length\":\"117\",\"etag\":\"W/\\\"75-0kfGXF4xJQjWV9WUDsJTyf1H8Vg\\\"\",\"date\":\"Wed, 02 Apr 2025 09:56:26 GMT\",\"connection\":\"close\"},\"body\":{\"transaction\":\"command-web-c56e326f-4108-485d-bfa4-7ae770e7a921none\",\"status\":200,\"code\":\"20000\",\"reason\":\"SUCCESS\"}}",
"originateServiceName": "Event Source",
"public": "0934000774",
"recordName": "mfaf.serviceInventoryNotificationCreated",
"recordType": "detail",
"responseTime": 161.297,
"resultCode": "20000",
"sessionId": "command-web-5c97cd1d-74ea-42d2-a3af-d4050cf4436e1ba1da69c8eff1a9",
"subAction": "/api/v1/createSubscriber",
"timestamp": "2025-04-02 16:56:26.293",
"transactionId": "command-web-c56e326f-4108-485d-bfa4-7ae770e7a921none",
"useCase": "registerMsisdn",
"useCaseStep": "0",
"user": "piGHZdsotCS"
}

```

1.3.2. createNotilIndividual

Possible values of use case:

- For the BIMBILL, NGCM, BIM, DEBT, Product Order, BIMS RN, NRTG and other nodes, any notifications that must be sent to the notification inbox and notification OS will use our node.

Kafka topic / Consume (recordName): mfaf.createNotilIndividual

API Service / Post: /pns/api/v3/notifications

Example 1: The success case – Success

Example 1.1 action: [CONSUMING]

```

{
  "action": "[CONSUMING]",
  "actionDescription": "start consuming event: mfaf.createNotilIndividual",
  "appName": "MFAF",
  "broker": "none",
  "channel": "SyncData",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": "none",

```

```

"instance": "communication-pushindividual-684db95cbc-9wbhs",
"level": "info",
"message": "{\n  \"data\": {\n    \"body\": {\n      \"subject\": \"The package you subscribed to is now ready to use.\",\n      \"content\": \"To view your package. 14:08:33\", \n      \"localizedString\": {\n        \"locale\": \"th-TH\", \n        \"attribute\": \"subject\", \n        \"string\": \"แพ็คเกจที่คุณสมัครพร้อมใช้งานแล้ว\", \n        \"locale\": \"th-TH\", \n        \"attribute\": \"content\", \n        \"string\": \"เช็คข้อมูลเมนู\" \n      }, \n      \"localizedString\": {\n        \"locale\": \"en-US\", \n        \"attribute\": \"subject\", \n        \"string\": \"The package you subscribed to is now ready to use.\", \n        \"locale\": \"en-US\", \n        \"attribute\": \"content\", \n        \"string\": \"Your package will be shown in \\\"Your Package\\\" menu to view package. You can pull to refresh the screen for an update.\" \n      }, \n      \"messageType\": \"Push Notification by Individual\", \n      \"priority\": \"high\", \n      \"state\": \"InProgress\", \n      \"sender\": {\n        \"name\": \"ProductOrder\", \n        \"receiver\": {\n          \"appUserId\": \"0934000842\", \n          \"characteristic\": {\n            \"name\": \"appld\", \n            \"valueType\": \"string\", \n            \"value\": \"454400030025003\", \n            \"name\": \"appName\", \n            \"valueType\": \"string\", \n            \"value\": \"MyAIS\", \n            \"name\": \"appVersion\", \n            \"valueType\": \"string\", \n            \"value\": \"10.0.0\" \n          }, \n            \"attachment\": {\n              \"name\": \"actionLink\", \n              \"url\": \"https://mws.addigitalservice.com/openWebToApp?URI=myais%3A%2F%2FCurrentPack\" \n            }, \n            \"TORO_notificationType\": \"individual\", \n            \"TORO_notificationCategory\": \"digitalService\", \n            \"TORO_receiverType\": \"asset\", \n            \"TORO_pushNotification\": true, \n            \"header\": {\n              \"baseApiVersion\": \"4.0.0\", \n              \"broker\": \"\", \n              \"channel\": \"SyncData\", \n              \"communication\": \"unicast\", \n              \"from\": \"customer.product-order\", \n              \"groupTags\": [], \n              \"identity\": {}, \n              \"orgService\": \"CDC\", \n              \"schemaVersion\": \"1\", \n              \"session\": \"7dd3319e-4af5-4d94-aec1-c73722f4f020\", \n              \"timestamp\": \"2025-03-25T07:08:51.649Z\", \n              \"tmfSpec\": \"TMF622\", \n              \"transaction\": \"51772a62-07c1-45d0-b6df-a3181baa28b4\", \n              \"useCase\": \"promotionOrder\", \n              \"useCaseAge\": 2, \n              \"useCaseStep\": \"0\", \n              \"version\": \"2.0\", \n              \"instanceData\": \"eyJhZGRpdGlubmFsSW5mb051bWJlcil6IkQTVNeIF3TURBNE5ESWkifQ==\", \n              \"kafka\": {\n                \"magicByte\": 2, \n                \"attributes\": 0, \n                \"timestamp\": \"1742886531661\", \n                \"isControlRecord\": false, \n                \"topic\": \"mfaf.createNotilIndividual\", \n                \"key\": null, \n                \"offset\": \"46325\", \n                \"partition\": 0 \n              }, \n              \"originateServiceName\": \"Event Source\", \n              \"public\": \"none\", \n              \"recordName\": \"mfaf.createNotilIndividual\", \n              \"recordType\": \"detail\", \n              \"sessionId\": \"7dd3319e-4af5-4d94-aec1-c73722f4f020\", \n              \"timestamp\": \"2025-03-25 14:08:51.680\", \n              \"transactionId\": \"51772a62-07c1-45d0-b6df-a3181baa28b4\", \n              \"useCase\": \"promotionOrder\", \n              \"useCaseStep\": \"0\", \n              \"user\": \"none\" \n            } \n          } \n        } \n      } \n    } \n  } \n}

```

Example 1.2 action: [APP_LOGIC]

```

{
  "action": "[APP_LOGIC]",
  "actionDescription": "findMyId : ",
  "appName": "MFAF",
  "broker": "none",
  "channel": "SyncData",
  "componentName": "common.communication",

```

```

"componentVersion": "1.0",
"device": "none",
"instance": "communication-pushindividual-684db95cbc-9wbhs",
"level": "info",
"message":
"{\"asset\":{\"appUserId\": \"0934000842\"},\"correlationId\":[\"I2S7XnKrRT6\", \"tTtEiXnOaxB\"],\"sender\": \"ProductOrder\"},
  \"originateServiceName\": \"Event Source\",
  \"public\": \"none\",
  \"recordName\": \"mfaf.createNotiIndividual\",
  \"recordType\": \"detail\",
  \"sessionId\": \"7dd3319e-4af5-4d94-aec1-c73722f4f020\",
  \"timestamp\": \"2025-03-25 14:08:51.704\",
  \"transactionId\": \"51772a62-07c1-45d0-b6df-a3181baa28b4\",
  \"useCase\": \"promotionOrder\",
  \"useCaseStep\": \"0\",
  \"user\": \"none\"
}

```

Example 1.3: action [DB_RESPONSE]

```

{
  "action": "[DB_RESPONSE]",
  "actionDescription": "(communicationMessage -> common.communication)",
  "appName": "MFAF",
  "broker": "none",
  "channel": "SyncData",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "dependency": "communicationInteraction",
  "device": "none",
  "instance": "communication-pushindividual-684db95cbc-9wbhs",
  "level": "info",
  "message":
"{\"response\":{\"acknowledged\":true,\"insertedId\": \"67e25683ed5fe4e1ae971036\", \"sender\": \"ProductOrder\"},\"correlationId\": \"I2S7XnKrRT6\"},
  \"originateServiceName\": \"Event Source\",
  \"public\": \"none\",
  \"recordName\": \"mfaf.createNotiIndividual\",
  \"recordType\": \"detail\",
  \"responseTime\": 11.909,
  \"resultCode\": \"20000\",
  \"sessionId\": \"7dd3319e-4af5-4d94-aec1-c73722f4f020\",
  \"subAction\": \"CREATE\",
  \"timestamp\": \"2025-03-25 14:08:51.717\",
  \"transactionId\": \"51772a62-07c1-45d0-b6df-a3181baa28b4\",
  \"useCase\": \"promotionOrder\",

```

```

"useCaseStep": "0",
"user": "none"
}

```

Example 1.4: action [HTTP_REQUEST]

```

{
  "action": "[HTTP_REQUEST]",
  "actionDescription": "createNotilIndividual common.communication -> AC",
  "appName": "MFAF",
  "broker": "none",
  "channel": "SyncData",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "dependency": "mfaf.createNotilIndividual",
  "device": "none",
  "instance": "communication-pushindividual-684db95cbc-9wbhs",
  "level": "info",
  "message": "{\n  \"method\": \"POST\", \"baseUrl\": \"http://ac-common.ac-common-svc:8801\", \"url\": \"/api/v1/createNotilIndividual\", \"timeout\": 12000, \"headers\": {\n    \"Content-Type\": \"application/json\", \"mfaf-session\": \"7dd3319e-4af5-4d94-aec1-c73722f4f020\", \"mfaf-transaction\": \"51772a62-07c1-45d0-b6df-a3181baa28b4\", \"mfaf-broker\": \"none\", \"mfaf-channel\": \"SyncData\", \"mfaf-device\": \"none\", \"mfaf-public\": \"none\", \"mfaf-useCase\": \"promotionOrder\", \"mfaf-useCaseStep\": \"0\", \"mfaf-user\": \"none\", \"data\": {\n      \"transaction\": \"51772a62-07c1-45d0-b6df-a3181baa28b4\", \"TORO_messageId\": \"cc2b08c64f87b756c24989ad61db11acc55abc9678ab2e7d812b4a6dbb98c1cb\", \"sendTime\": \"2025-03-25T07:08:51.745Z\", \"subject\": \"The package you subscribed to is now ready to use.\", \"content\": \"To view your package. 14:08:33\", \"TORO_dataOnly\": false, \"localizedString\": {\n        \"locale\": \"th-TH\", \"attribute\": \"subject\", \"string\": \"แพ็คเกจที่คุณสมัครพร้อมใช้งานแล้ว\", \"locale\": \"th-TH\", \"attribute\": \"content\", \"string\": \"เช็คข้อมูลที่เมนู \\\\แพ็คเกจของคุณ\\\\\" สามารถดูวิธีเฟรชหน้าจอเพื่ออัปเดตข้อมูลบนหน้าแพ็คเกจได้ทันที\", \"locale\": \"en-US\", \"attribute\": \"subject\", \"string\": \"The package you subscribed to is now ready to use.\", \"locale\": \"en-US\", \"attribute\": \"content\", \"string\": \"Your package will be shown in \\\\Your Package\\\\ menu to view package. You can pull to refresh the screen for an update.\" }\n      }, \"messageType\": \"Push Notification by Individual\", \"TORO_notificationType\": \"individual\", \"priority\": \"high\", \"TORO_notificationCategory\": \"digitalService\", \"characteristic\": {\n        \"name\": \"appId\", \"valueType\": \"string\", \"value\": \"454400030025003\", \"name\": \"appName\", \"valueType\": \"string\", \"value\": \"MyAIS\", \"name\": \"appVersion\", \"valueType\": \"string\", \"value\": \"10.0.0\", \"name\": \"targetAsset\", \"valueType\": \"string\", \"value\": \"0934000842\" }\n      }, \"attachment\": {\n        \"name\": \"actionLink\", \"url\": \"https://mws.addigitalservice.com/openWebToApp?URI=myais%3A%2F%2FCurrentPack\" }\n    }, \"sender\": {\n      \"name\": \"ProductOrder\", \"receiver\": {\n        \"appUserId\": \"I2S7XnKrRT6\", \"appUserId\": \"tTtEiXnOaxB\" }\n      }, \"httpsAgent\": {\n        \"_events\": {}, \"_eventsCount\": 2, \"defaultPort\": 443, \"protocol\": \"https\", \"options\": {\n          \"rejectUnauthorized\": false, \"noDelay\": true, \"path\": null, \"requests\": {}, \"sockets\": {}, \"freeSockets\": {}, \"keepAliveMsecs\": 1000, \"keepAlive\": false, \"maxSockets\": null, \"maxFreeSockets\": 256, \"scheduling\": \"lifo\", \"maxTotalSockets\": null, \"totalSocketCount\": 0, \"maxCachedSessions\": 100, \"_sessionCache\": {\n            \"map\": {}, \"list\": []\n          }\n        }\n      }\n    }\n  }\n}"

```

```

"originateServiceName": "Event Source",
"public": "none",
"recordName": "mfaf.createNotilIndividual",
"recordType": "detail",
"sessionId": "7dd3319e-4af5-4d94-aec1-c73722f4f020",
"subAction": "/api/v1/createNotilIndividual",
"timestamp": "2025-03-25 14:08:51.746",
"transactionId": "51772a62-07c1-45d0-b6df-a3181baa28b4",
"useCase": "promotionOrder",
"useCaseStep": "0",
"user": "none"
}

```

Example 1.5: action [HTTP_RESPONSE]

```

{
  "action": "[HTTP_RESPONSE]",
  "actionDescription": "createNotilIndividual AC -> common.communication",
  "appName": "MFAF",
  "broker": "none",
  "channel": "SyncData",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "dependency": "mfaf.createNotilIndividual",
  "device": "none",
  "instance": "communication-pushindividual-684db95cbc-9wbhs",
  "level": "info",
  "message": "{\"headers\":{\"content-type\":\"application/json; charset=utf-8\",\"content-length\":\"162\",\"etag\":\"W/\\\"a2-ZNfLvnRuwdaGD4pgBFjSMVpmil4\\\"\",\"date\":\"Tue, 25 Mar 2025 07:08:51 GMT\",\"connection\":\"close\"},\"body\":{\"transaction\":\"51772a62-07c1-45d0-b6df-a3181baa28b4\",\"characteristic\":{\"name\":\"pushRefId\",\"valueType\":\"string\",\"value\":\"9cbbe1cd-8060-494d-bbe1-cd8060894d3b\"}}}",
  "originateServiceName": "Event Source",
  "public": "none",
  "recordName": "mfaf.createNotilIndividual",
  "recordType": "detail",
  "responseTime": 190.626,
  "resultCode": "20000",
  "sessionId": "7dd3319e-4af5-4d94-aec1-c73722f4f020",
  "subAction": "/api/v1/createNotilIndividual",
  "timestamp": "2025-03-25 14:08:51.873",
  "transactionId": "51772a62-07c1-45d0-b6df-a3181baa28b4",
  "useCase": "promotionOrder",
  "useCaseStep": "0",
  "user": "none"
}

```

Example 2: The error case – Duplicate data

Example 2.1: action [CONSUMING]

```
{
  "action": "[CONSUMING]",
  "actionDescription": "start consuming event: mfaf.createNotilIndividual",
  "appName": "MFAF",
  "broker": "none",
  "channel": "SyncData",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": "none",
  "instance": "communication-pushindividual-684db95cbc-9wbhs",
  "level": "info",
  "message": "{\"data\":{\"body\":{\"subject\":\"WEB The package has been successfully cancelled.\",\"content\":\"To view additional add-on packages. 14:40:232\", \"localizedString\":{\"locale\":\"th-TH\", \"attribute\":{\"subject\", \"string\":\"14 232 แพ็กเกจได้ถูกยกเลิกเรียบร้อยแล้ว\"}, {\"locale\":\"th-TH\", \"attribute\":{\"content\", \"string\":\"คุณสามารถดูแพ็กเกจเสริมอื่นๆ ได้ที่เมนู \\\\\"ซื้อแพ็กเกจเสริม\\\\\\\", {\"locale\":\"en-US\", \"attribute\":{\"subject\", \"string\":\"The package has been successfully cancelled.\"}, {\"locale\":\"en-US\", \"attribute\":{\"content\", \"string\":\"14 232 You can view additional add-on packages in \\\\\"Buy on-top packages\\\\\\\" menu.\"}}}, \"messageType\":\"Push Notification by Individual\", \"priority\":\"high\", \"state\":\"InProgress\", \"sender\":{\"name\":\"ProductOrder\", \"receiver\":{\"appUserId\":\"0934000838\"}}, \"characteristic\":{\"name\":\"appld\", \"valueType\":\"string\", \"value\":\"454400030025003\"}, {\"name\":\"appName\", \"valueType\":\"string\", \"value\":\"MyAIS\"}, {\"name\":\"appVersion\", \"valueType\":\"string\", \"value\":\"10.0.0\"}}, \"attachment\":{\"name\":\"displaySizeHeight\", \"size\":{\"amount\":100, \"units\":\"percent\"}}, {\"name\":\"displaySizeWidth\", \"size\":{\"amount\":100, \"units\":\"percent\"}}, {\"id\":\"1\", \"attachmentType\":\"image\", \"mimeType\":\"jpg\", \"name\":\"mediaData\", \"url\":\"https://www.ais.th/content/dam/ais/consumer/store/hero-banner/hbn-store-ip15-mb-feb-13.jpg\"}}, \"TORO_notificationType\":\"individual\", \"TORO_notificationCategory\":\"promotion\", \"TORO_receiverType\":\"asset\", \"TORO_pushNotification\":true}, \"header\":{\"baseApiVersion\":\"4.0.0\", \"broker\":\"\", \"channel\":\"SyncData\", \"communication\":\"unicast\", \"from\":\"customer.product-order\", \"groupTags\":[], \"identity\":{\"}, \"orgService\":\"CDC\", \"schemaVersion\":\"1\", \"session\":\"c746bdc5-467f-4a31-b2d6-3e179c61d67a\", \"timestamp\":\"2024-10-28T09:37:23.091Z\", \"tmfSpec\":\"TMF622\", \"transaction\":\"21973704-c5b6-4152-a42d-c2299044f7df-3\", \"useCase\":\"promotionOrder\", \"useCaseAge\":2, \"useCaseStep\":\"0\", \"version\":\"2.0\", \"instanceData\":{\"eyJhZGRpdGlubmFsSW5mb051bWJlcil6IklqQTVNemN3TIRVMU1EVWkifQ==\"}}, \"kafka\":{\"magicByte\":2, \"attributes\":{\"timestamp\":\"1742889168457\", \"isControlRecord\":false, \"topic\":\"mfaf.createNotilIndividual\", \"key\":null, \"offset\":\"46329\", \"partition\":0}}, \"originateServiceName\": \"Event Source\", \"public\": \"none\", \"recordName\": \"mfaf.createNotilIndividual\", \"recordType\": \"detail\",
```



```

"sessionId": "c746bdc5-467f-4a31-b2d6-3e179c61d67a",
"timestamp": "2025-03-25 14:52:48.493",
"transactionId": "21973704-c5b6-4152-a42d-c2299044f7df-3",
"useCase": "promotionOrder",
"useCaseStep": "0",
"user": "none"
}

```

Example 2.2: action [APP_LOGIC]

```

{
  "action": "[APP_LOGIC]",
  "actionDescription": "findMyId : ",
  "appName": "MFAF",
  "broker": "none",
  "channel": "SyncData",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": "none",
  "instance": "communication-pushindividual-684db95cbc-9wbhs",
  "level": "info",
  "message":
    "{ \"asset\": { \"appUserId\": \"0934000838\" }, \"correlationId\": [ \"oJ1u5W6bKBc\", \"skFflwHieas\", \"cg ecBoCKShB\" ], \"sender\": \"ProductOrder\" },
    \"originateServiceName\": \"Event Source\",
    \"public\": \"none\",
    \"recordName\": \"mfaf.createNotiIndividual\",
    \"recordType\": \"detail\",
    \"sessionId\": \"c746bdc5-467f-4a31-b2d6-3e179c61d67a\",
    \"timestamp\": \"2025-03-25 14:52:48.540\",
    \"transactionId\": \"21973704-c5b6-4152-a42d-c2299044f7df-3\",
    \"useCase\": \"promotionOrder\",
    \"useCaseStep\": \"0\",
    \"user\": \"none\"
  }
}

```

Example 2.3: action [DB_RESPONSE]

```

{
  "action": "[DB_RESPONSE]",
  "actionDescription": "(communicationMessage -> common.communication)",
  "appName": "MFAF",
  "broker": "none",
  "channel": "SyncData",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "dependency": "communicationInteraction",
  "device": "none",

```

```

"instance": "communication-pushindividual-684db95cbc-9wbhs",
"level": "info",
"message":
"{\"response\":{\"correlationId\":\"skFflwHieas\",\"TORO_messageId\":\"33371eb1b0945c0d990466
a705ff7aea731d1e2d601a441fef8cea7cede00ff9\",\"MongoServerError\":{\"E11000 duplicate key
error collection\",\"code\":\"11000\",\"sender\":\"ProductOrder\"}}\",
  \"originateServiceName\": \"Event Source\",
  \"public\": \"none\",
  \"recordName\": \"mfaf.createNotiIndividual\",
  \"recordType\": \"detail\",
  \"responseTime\": 3.78,
  \"resultCode\": \"20000\",
  \"sessionId\": \"c746bdc5-467f-4a31-b2d6-3e179c61d67a\",
  \"subAction\": \"CREATE\",
  \"timestamp\": \"2025-03-25 14:52:48.618\",
  \"transactionId\": \"21973704-c5b6-4152-a42d-c2299044f7df-3\",
  \"useCase\": \"promotionOrder\",
  \"useCaseStep\": \"0\",
  \"user\": \"none\"
}

```

1.3.3. createNotiTopic

Kafka topic / Consume (recordName): mfaf.createNotiTopic

Kafka topic / Produce success: mfaf.notiTopicInboxCreated

Kafka topic / Produce failed: mfaf.notiTopicCreateFailed

Note*: not allowed for business use case.

1.3.4. createNotiInApp

Kafka topic / Consume (recordName): mfaf.createNotiInApp

Kafka topic / Produce success: mfaf.notiInboxCreated

Kafka topic / Produce failed: mfaf.notiInAppCreateFailed

Note*: not allowed for business use case.

1.3.5. updateReadState

Possible values of use case:

- For users who want to read the notification inbox

Kafka topic / Consume (recordName): mfaf.updateReadState

Kafka topic / Produce success: mfaf.readStateUpdated

Kafka topic / Produce failed: mfaf.readStateUpdateFailed

Example 1: The success case – Success

Example 1.1: action [CONSUMING]

```
{
  "action": "[CONSUMING]",
  "actionDescription": "start consuming event: mfaf.updateReadState",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais3.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "F8F261EF-EB16-489E-965A-B4EBC57E4B85"
  ],
  "instance": "communication-readstate-7fcc59c498-d9whh",
  "level": "info",
  "message": "{\n  \"data\":{\n    \"header\":{\n      \"version\": \"5.0\",\n      \"timestamp\": \"2025-03-26T07:09:29.350095Z\",\n      \"orgService\": \"common.communication\",\n      \"scope\": \"global\",\n      \"from\": \"IACS\",\n      \"channel\": \"myais3.0\",\n      \"broker\": \"none\",\n      \"agent\": \"Myais/1200(1568)\",\n      \"useCase\": \"none\",\n      \"useCaseStep\": \"none\",\n      \"useCaseAge\": 2,\n      \"useCaseStartTime\": \"\",\n      \"useCaseExpiryTime\": \"\",\n      \"functionName\": \"\",\n      \"messageType\": \"command\",\n      \"session\": \"command-oda=56dae1d9-416d-4349-a7ff-1aa5f6cdd62cAC1915E3-1FE0-4935-92FF-2B5E1DD2B244\",\n      \"transaction\": \"command-oda=3ec650b0-e4d0-484b-869e-bee8964d7751F8F261EF-EB16-489E-965A-B4EBC57E4B85\",\n      \"communication\": \"unicast\",\n      \"groupTags\": [],\n      \"identity\": {\n        \"device\": \"F8F261EF-EB16-489E-965A-B4EBC57E4B85\"\n      },\n      \"public\": \"0937055364\",\n      \"user\": \"8Bbpu7kSYTO\",\n      \"statusCode\": \"\",\n      \"initUri\": \"\",\n      \"initMethod\": \"\",\n      \"queryParam\": \"\",\n      \"tmfSpec\": \"TMF681\",\n      \"baseApiVersion\": \"4.0.0\",\n      \"schemaVersion\": \"1\",\n      \"instanceData\": \"\",\n      \"body\": {\n        \"correlationId\": \"8Bbpu7kSYTO\",\n        \"messageType\": \"Mobile app push notification\",\n        \"communicationMessage\": {\n          \"TORO_messageId\": \"46a339834b3069ad9abe1c3de571a53f126176e6c69b077b8484d029f74cfe4\",\n          \"TORO_notificationType\": \"individual\",\n          \"receiver\": {\n            \"appUserId\": \"8Bbpu7kSYTO\",\n            \"state\": \"read\",\n            \"sender\": {\n              \"name\": \"ProductOrder\",\n              \"lastModified\": \"2025-03-26T07:09:29.307248Z\"\n            },\n            \"kafka\": {\n              \"magicByte\": 2,\n              \"attributes\": 0,\n              \"timestamp\": \"1742972970427\",\n              \"isControlRecord\": false,\n              \"topic\": \"mfaf.updateReadState\",\n              \"key\": null,\n              \"offset\": \"10424\",\n              \"partition\": 0\n            }\n          },\n          \"originateServiceName\": \"Event Source\",\n          \"public\": \"0937055364\",\n          \"recordName\": \"mfaf.updateReadState\",\n          \"recordType\": \"detail\",\n          \"sessionId\": \"command-oda=56dae1d9-416d-4349-a7ff-1aa5f6cdd62cAC1915E3-1FE0-4935-92FF-2B5E1DD2B244\",\n          \"timestamp\": \"2025-03-26 14:09:30.433\",\n          \"transactionId\": \"command-oda=3ec650b0-e4d0-484b-869e-bee8964d7751F8F261EF-EB16-489E-965A-B4EBC57E4B85\",\n          \"useCase\": \"none\",
```

```

"useCaseStep": "none",
"user": "8Bbpu7kSYTO"
}

```

Example 1.2: action [PRODUCING]

```

{
  "action": "[PRODUCING]",
  "actionDescription": "producing event: (common.communication) -> mfaf.readStateUpdated",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais3.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "F8F261EF-EB16-489E-965A-B4EBC57E4B85"
  ],
  "instance": "communication-readstate-7fcc59c498-d9whh",
  "level": "info",
  "message": "{\n  \"header\": {\n    \"version\": \"5.0\", \"timestamp\": \"2025-03-26T07:09:29.350095Z\", \"orgService\": \"common.communication\", \"scope\": \"global\", \"from\": \"IACS\", \"channel\": \"myais3.0\", \"broker\": \"none\", \"agent\": \"Myais/1200 (1568)\", \"useCase\": \"none\", \"useCaseStep\": \"none\", \"useCaseAge\": 2, \"useCaseStartTime\": \"\", \"useCaseExpiryTime\": \"\", \"functionName\": \"\", \"messageType\": \"command\", \"session\": \"command-oda=56dae1d9-416d-4349-a7ff-1aa5f6cdd62cAC1915E3-1FE0-4935-92FF-2B5E1DD2B244\", \"transaction\": \"command-oda=3ec650b0-e4d0-484b-869e-bee8964d7751F8F261EF-EB16-489E-965A-B4EBC57E4B85\", \"communication\": \"unicast\", \"groupTags\": [], \"identity\": { \"device\": [\"F8F261EF-EB16-489E-965A-B4EBC57E4B85\"], \"public\": \"0937055364\", \"user\": \"8Bbpu7kSYTO\", \"statusCode\": \"\", \"initUri\": \"\", \"initMethod\": \"\", \"queryParams\": \"\", \"tmfSpec\": \"TMF681\", \"baseApiVersion\": \"4.0.0\", \"schemaVersion\": \"1\", \"instanceData\": \"\", \"body\": { \"status\": \"200\", \"code\": \"20000\", \"reason\": \"Success\" } }\n  }\n  \"originateServiceName\": \"Event Source\", \"public\": \"0937055364\", \"recordName\": \"mfaf.updateReadState\", \"recordType\": \"detail\", \"sessionId\": \"command-oda=56dae1d9-416d-4349-a7ff-1aa5f6cdd62cAC1915E3-1FE0-4935-92FF-2B5E1DD2B244\", \"timestamp\": \"2025-03-26 14:09:30.456\", \"transactionId\": \"command-oda=3ec650b0-e4d0-484b-869e-bee8964d7751F8F261EF-EB16-489E-965A-B4EBC57E4B85\", \"useCase\": \"none\", \"useCaseStep\": \"none\", \"user\": \"8Bbpu7kSYTO\"
",
  "originateServiceName": "Event Source",
  "public": "0937055364",
  "recordName": "mfaf.updateReadState",
  "recordType": "detail",
  "sessionId": "command-oda=56dae1d9-416d-4349-a7ff-1aa5f6cdd62cAC1915E3-1FE0-4935-92FF-2B5E1DD2B244",
  "timestamp": "2025-03-26 14:09:30.456",
  "transactionId": "command-oda=3ec650b0-e4d0-484b-869e-bee8964d7751F8F261EF-EB16-489E-965A-B4EBC57E4B85",
  "useCase": "none",
  "useCaseStep": "none",
  "user": "8Bbpu7kSYTO"
}

```

Example 1.3: action [PRODUCED]

```
{
  "action": "[PRODUCED]",
  "actionDescription": "event response from kafka : mfaf.readStateUpdated",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais3.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "F8F261EF-EB16-489E-965A-B4EBC57E4B85"
  ],
  "instance": "communication-readstate-7fcc59c498-d9whh",
  "level": "info",
  "message":
    "{\"topicName\":\"mfaf.readStateUpdated\",\"partition\":0,\"errorCode\":0,\"baseOffset\":\"9774\",
    \"logAppendTime\":\"-1\",\"logStartOffset\":\"9718\"}",
  "originateServiceName": "Event Source",
  "public": "0937055364",
  "recordName": "mfaf.updateReadState",
  "recordType": "detail",
  "responseTime": 231.770516872406,
  "sessionId": "command-oda=56dae1d9-416d-4349-a7ff-1aa5f6cdd62cAC1915E3-1FE0-4935-92FF-2B5E1DD2B244",
  "timestamp": "2025-03-26 14:09:30.688",
  "transactionId": "command-oda=3ec650b0-e4d0-484b-869e-bee8964d7751F8F261EF-EB16-489E-965A-B4EBC57E4B85",
  "useCase": "none",
  "useCaseStep": "none",
  "user": "8Bbpu7kSYTO"
}
```

Example 2: The failed case – Do not send the TORO_messageId

Example 2.1: action [CONSUMING]

```
{
  "action": "[CONSUMING]",
  "actionDescription": "start consuming event: mfaf.updateReadState",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais3.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "5d0315084161d88f"
  ],
  "instance": "communication-readstate-7fcc59c498-d9whh",
}
```

```

"level": "info",
"message": "{\"data\":{\"header\":{\"version\":\"5.0\",\"timestamp\":\"2025-03-27T04:22:08.303020Z\"},\"orgService\":\"common.communication\",\"scope\":\"global\",\"from\":{\"id\":\"ACS\",\"channel\":\"myais3.0\",\"broker\":\"none\",\"agent\":{\"Myais/12.0.0 (1564)\",\"useCase\":\"none\",\"useCaseStep\":\"none\",\"useCaseAge\":2,\"useCaseStartTime\":\"\",\"useCaseExpiryTime\":\"\",\"functionName\":\"\",\"messageType\":\"command\",\"session\":\"command-oda=7f83f361-e580-474f-af9f-0ccc2be4383c5d0315084161d88f\"},\"transaction\":\"command-oda=af72343d-c40f-4b54-98ca-5c596e831d725d0315084161d88f\"},\"communication\":{\"unicast\",\"groupTags\":[],\"identity\":{\"device\":{\"5d0315084161d88f\"},\"public\":\"0924304928\",\"user\":{\"Jmg7Yfl5rVkJ\"},\"statusCode\":\"\",\"initUri\":\"\",\"initMethod\":\"\",\"queryParams\":\"\",\"tmfSpec\":{\"TMF681\"},\"baseApiVersion\":\"4.0.0\",\"schemaVersion\":\"1\",\"instanceData\":\"\",\"body\":{\"correlationId\":{\"Jmg7Yfl5rVkJ\"},\"messageType\":\"Mobile app push notification\"},\"communicationMessage\":{\"\"TORO_messageId\":\"8191458dda46b38c0ff9e080c018fa53c8623e1808780a7b6eca6d9118b6ab0fA\",\"TORO_notificationType\":\"individual\"},\"receiver\":{\"\"appUserId\":\"Jmg7Yfl5rVkJ\"},\"state\":\"read\",\"sender\":{\"name\":\"ProductOrder\"},\"lastModified\":\"2025-03-27T04:22:08.294232Z\"}},\"kafka\":{\"magicByte\":2,\"attributes\":0,\"timestamp\":\"1743049561951\",\"isControlRecord\":false,\"topic\":\"mfaf.updateReadState\",\"key\":\"123\",\"offset\":\"10448\",\"partition\":0}}\",
  "originateServiceName": "Event Source",
  "public": "0924304928",
  "recordName": "mfaf.updateReadState",
  "recordType": "detail",
  "sessionId": "command-oda=7f83f361-e580-474f-af9f-0ccc2be4383c5d0315084161d88f",
  "timestamp": "2025-03-27 11:26:01.953",
  "transactionId": "command-oda=af72343d-c40f-4b54-98ca-5c596e831d725d0315084161d88f",
  "useCase": "none",
  "useCaseStep": "none",
  "user": "Jmg7Yfl5rVkJ"
}

```

Example 2.2: action [PRODUCING]

```
{
  "action": "[PRODUCING]",
  "actionDescription": "producing event: (common.communication) -> mfaf.readStateUpdateFailed",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais3.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "5d0315084161d88f"
  ],
  "instance": "communication-readstate-7fcc59c498-d9whh",
  "level": "info",
}
```

```

"message": "{ \"header\": { \"version\": \"5.0\", \"timestamp\": \"2025-03-27T04:22:08.303020Z\", \"orgService\": \"common.communication\", \"scope\": \"global\", \"from\": \"IACS\", \"channel\": \"myais3.0\", \"broker\": \"none\", \"agent\": \"Myais/12.0.0(1564)\", \"useCase\": \"none\", \"useCaseStep\": \"none\", \"useCaseAge\": 2, \"useCaseStartTime\": \"\", \"useCaseExpiryTime\": \"\", \"functionName\": \"\", \"messageType\": \"command\", \"session\": \"command-oda=7f83f361-e580-474f-af9f-0ccc2be4383c5d0315084161d88f\", \"transaction\": \"command-oda=af72343d-c40f-4b54-98ca-5c596e831d725d0315084161d88f\", \"communication\": \"unicast\", \"groupTags\": [], \"identity\": { \"device\": [\"5d0315084161d88f\"], \"public\": \"0924304928\", \"user\": \"Jmg7Yfl5rVkJ\", \"statusCode\": \"\", \"initUri\": \"\", \"initMethod\": \"\", \"queryParam\": \"\", \"tmfSpec\": \"TMF681\", \"baseApiVersion\": \"4.0.0\", \"schemaVersion\": \"1\", \"instanceData\": \"\", \"body\": { \"status\": \"500\", \"code\": \"50002\", \"reason\": \"DB Error\" } } }, \"originateServiceName\": \"Event Source\", \"public\": \"0924304928\", \"recordName\": \"mfaf.updateReadState\", \"recordType\": \"detail\", \"sessionId\": \"command-oda=7f83f361-e580-474f-af9f-0ccc2be4383c5d0315084161d88f\", \"timestamp\": \"2025-03-27 11:26:01.992\", \"transactionId\": \"command-oda=af72343d-c40f-4b54-98ca-5c596e831d725d0315084161d88f\", \"useCase\": \"none\", \"useCaseStep\": \"none\", \"user\": \"Jmg7Yfl5rVkJ\" } }

```

Example 2.3: action [PRODUCED]

```

{
  "action": "[PRODUCED]",
  "actionDescription": "event response from kafka : mfaf.readStateUpdateFailed",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais3.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "5d0315084161d88f"
  ],
  "instance": "communication-readstate-7fcc59c498-d9whh",
  "level": "info",
  "message": "{ \"topicName\": \"mfaf.readStateUpdateFailed\", \"partition\": 0, \"errorCode\": 0, \"baseOffset\": \"574\", \"logAppendTime\": \"-1\", \"logStartOffset\": \"574\" }",
  "originateServiceName": "Event Source",
  "public": "0924304928",
  "recordName": "mfaf.updateReadState",
  "recordType": "detail",
  "responseTime": 134.46417808532715,

```

```

"sessionId": "command-oda=7f83f361-e580-474f-af9f-0ccc2be4383c5d0315084161d88f",
"timestamp": "2025-03-27 11:26:02.127",
"transactionId": "command-oda=af72343d-c40f-4b54-98ca-5c596e831d725d0315084161d88f",
"useCase": "none",
"useCaseStep": "none",
"user": "Jmg7Yfl5rVk"
}

```

1.3.6. updateDeleteState

Possible values of use case:

- For users who want to delete the notification inbox

Kafka topic / Consume (recordName): mfaf.updateDeleteState

Kafka topic / Produce success: mfaf.deleteStateUpdated

Kafka topic / Produce failed: mfaf.deleteStateUpdateFailed

Example 1: The success case – Success

Example 1.1: action [CONSUMING]

```

{
  "action": "[CONSUMING]",
  "actionDescription": "start consuming event: mfaf.updateDeleteState",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais3.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "32B20812-7B00-46C5-8F80-74C6E56FC87D"
  ],
  "instance": "communication-deletestate-74cb68cfc-49df",
  "level": "info",
  "message": "{\"data\":{\"header\":{\"version\":\"5.0\",\"timestamp\":\"2025-04-01T03:48:19.723124Z\",\"orgService\":\"common.communication\",\"scope\":\"global\",\"from\":\"IACS\",\"channel\":\"myais3.0\",\"broker\":\"none\",\"agent\":\"Myais/1200(1574)\",\"useCase\":\"none\",\"useCaseStep\":\"\",\"useCaseAge\":2,\"useCaseStartTime\":\"\",\"useCaseExpiryTime\":\"\",\"functionName\":\"\",\"messageType\":\"command\",\"session\":\"command-oda=a66c20cd-44d9-4fcd-98d2-0bd7ec95fd9932B20812-7B00-46C5-8F80-74C6E56FC87D\",\"transaction\":\"command-oda=1bbf5392-9359-44b7-8751-4304170f365a32B20812-7B00-46C5-8F80-74C6E56FC87D\",\"communication\":\"unicast\",\"groupTags\":[],\"identity\":{\"device\":\"32B20812-7B00-46C5-8F80-74C6E56FC87D\",\"public\":\"0934000835\",\"user\":\"2ybBylJrBor\"},\"statusCode\":\"\",\"initUri\":\"\",\"initMethod\":\"\",\"queryParams\":\"\",\"tmfSpec\":\"TMF681\",\"baseApiVersion\":\"4.0.0\",\"schemaVersion\":\"1\",\"instanceData\":\"\"},\"body\":{\"correlationId\":\"2ybBylJrBor\"},\"messageType\":\"Mobile app push\"}"}

```



```

notification\","communicationMessage\":[{"TORO_messageId\":"f1486d929231b0aee95e823c728
c9ada23b83f7a480aa2ce474c659501febf45"},"TORO_notificationType\":"individual"},"receiver\
:":[{"appUserId\":"2ybBylJrBor"},"deleteDate\":"2025-04-
01T03:48:19.717061Z"},"kafka\":"{"magicByte\":"2","attributes\":"0","timestamp\":"174347929972
2"},"isControlRecord\":false,"topic\":"mfaf.updateDeleteState","key\":null,"offset\":"8288","
partition\":"0"}],
  "originateServiceName": "Event Source",
  "public": "0934000835",
  "recordName": "mfaf.updateDeleteState",
  "recordType": "detail",
  "sessionId": "command-oda=a66c20cd-44d9-4fcd-98d2-0bd7ec95fd9932B20812-7B00-46C5-8F80-
74C6E56FC87D",
  "timestamp": "2025-04-01 10:48:19.732",
  "transactionId": "command-oda=1bbf5392-9359-44b7-8751-4304170f365a32B20812-7B00-46C5-
8F80-74C6E56FC87D",
  "useCase": "none",
  "useCaseStep": "none",
  "user": "2ybBylJrBor"
}

```

Example 1.2: action [PRODUCING]

```

{
  "action": "[PRODUCING]",
  "actionDescription": "producing event: (common.communication) -> mfaf.deleteStateUpdated",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais3.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "32B20812-7B00-46C5-8F80-74C6E56FC87D"
  ],
  "instance": "communication-deletestate-74cb68cfc-49dfl",
  "level": "info",
  "message": [{"header\":"{"version\":"5.0"},"timestamp\":"2025-04-
01T03:48:19.723124Z"},"orgService\":"common.communication"},"scope\":"global"},"from\":"I
ACS"},"channel\":"myais3.0"},"broker\":"none"},"agent\":"Myais/1200
(1574)"},"useCase\":"none"},"useCaseStep\":""},"useCaseAge\":"2"},"useCaseStartTime\":""},"u
seCaseExpiryTime\":""},"functionName\":""},"messageType\":"command"},"session\":"comma
nd-oda=a66c20cd-44d9-4fcd-98d2-0bd7ec95fd9932B20812-7B00-46C5-8F80-
74C6E56FC87D"},"transaction\":"command-oda=1bbf5392-9359-44b7-8751-
4304170f365a32B20812-7B00-46C5-8F80-
74C6E56FC87D"},"communication\":"unicast"},"groupTags\":[],"identity\":"{"device\":"32B2081
2-7B00-46C5-8F80-
74C6E56FC87D"},"public\":"0934000835"},"user\":"2ybBylJrBor"},"statusCode\":""},"initUri\
":""},"initMethod\":""},"queryParam\":""},"tmfSpec\":"TMF681"},"baseApiVersion\":"4.0.0"},

```

```

\schemaVersion\":"1\","instanceData\":"\","body\":{"status\":"200\","code\":"20000\","reason\":"Success\"}},
  "originateServiceName": "Event Source",
  "public": "0934000835",
  "recordName": "mfaf.updateDeleteState",
  "recordType": "detail",
  "sessionId": "command-oda=a66c20cd-44d9-4fcd-98d2-0bd7ec95fd9932B20812-7B00-46C5-8F80-74C6E56FC87D",
  "timestamp": "2025-04-01 10:48:19.752",
  "transactionId": "command-oda=1bbf5392-9359-44b7-8751-4304170f365a32B20812-7B00-46C5-8F80-74C6E56FC87D",
  "useCase": "none",
  "useCaseStep": "none",
  "user": "2ybByljrBor"
}

```

Example 1.3: action [PRODUCED]

```

{
  "action": "[PRODUCED]",
  "actionDescription": "event response from kafka : mfaf.deleteStateUpdated",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais3.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "32B20812-7B00-46C5-8F80-74C6E56FC87D"
  ],
  "instance": "communication-deletestate-74cb68cfc-49dfl",
  "level": "info",
  "message":
    "{\topicName\":"mfaf.deleteStateUpdated\","partition\":0,\"errorCode\":0,\"baseOffset\":"8175\","logAppendTime\":"-1\","logStartOffset\":"8143\"}",
  "originateServiceName": "Event Source",
  "public": "0934000835",
  "recordName": "mfaf.updateDeleteState",
  "recordType": "detail",
  "responseTime": 6.237987518310547,
  "sessionId": "command-oda=a66c20cd-44d9-4fcd-98d2-0bd7ec95fd9932B20812-7B00-46C5-8F80-74C6E56FC87D",
  "timestamp": "2025-04-01 10:48:19.758",
  "transactionId": "command-oda=1bbf5392-9359-44b7-8751-4304170f365a32B20812-7B00-46C5-8F80-74C6E56FC87D",
  "useCase": "none",
  "useCaseStep": "none",
  "user": "2ybByljrBor"
}

```

```
}
```

Example 2: The failed case – The TORO_messageId was sent incorrectly.

Example 2.1: action [CONSUMING]

```
{
  "action": "[CONSUMING]",
  "actionDescription": "start consuming event: mfaf.updateDeleteState",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais3.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "5d0315084161d88f"
  ],
  "instance": "communication-deletestate-7657bf9958-m6k2b",
  "level": "info",
  "message": "{\n\"data\":{\n\"header\":{\n\"version\": \"5.0\", \"timestamp\": \"2025-03-27T07:15:11.114383Z\", \"orgService\": \"common.communication\", \"scope\": \"global\", \"from\": \"IACS\", \"channel\": \"myais3.0\", \"broker\": \"none\", \"agent\": \"Myais/12.0.0 (1564)\", \"useCase\": \"none\", \"useCaseStep\": \"\", \"useCaseAge\": 2, \"useCaseStartTime\": \"\", \"useCaseExpiryTime\": \"\", \"functionName\": \"\", \"messageType\": \"command\", \"session\": \"command-oda=5db8e7cb-68a3-4624-877b-ca0069e9a8285d0315084161d88f\", \"transaction\": \"command-oda=fee8d900-5e39-4e5e-8ed6-3aa3819caeb05d0315084161d88f\", \"communication\": \"unicast\", \"groupTags\": [], \"identity\": {\n\"device\": \"5d0315084161d88f\", \"public\": \"0924304928\", \"user\": \"Jmg7Yfl5rVkJ\", \"statusCode\": \"\", \"initUri\": \"\", \"initMethod\": \"\", \"queryParams\": \"\", \"tmfSpec\": \"TMF681\", \"baseApiVersion\": \"4.0.0\", \"schemaVersion\": \"1\", \"instanceData\": \"\", \"body\": {\n\"correlationId\": \"Jmg7Yfl5rVkJ\", \"messageType\": \"Mobile app push notification\", \"communicationMessage\": {\n\"TORO_messageId\": \"e481bc8dbd3903776e0fea0d463a8edfc6fcf761ab4484dd9b07cb81451bff3\", \"TORO_notificationType\": \"individualA\"}, \"receiver\": {\n\"appUserId\": \"Jmg7Yfl5rVkJ\", \"deleteDate\": \"2025-03-27T07:15:11.107323Z\"}, \"kafka\": {\n\"magicByte\": 2, \"attributes\": 0, \"timestamp\": \"1743061042831\", \"isControlRecord\": false, \"topic\": \"mfaf.updateDeleteState\", \"key\": \"123\", \"offset\": \"8248\", \"partition\": 0}, \"originateServiceName\": \"Event Source\", \"public\": \"0924304928\", \"recordName\": \"mfaf.updateDeleteState\", \"recordType\": \"detail\", \"sessionId\": \"command-oda=5db8e7cb-68a3-4624-877b-ca0069e9a8285d0315084161d88f\", \"timestamp\": \"2025-03-27 14:37:22.848\", \"transactionId\": \"command-oda=fee8d900-5e39-4e5e-8ed6-3aa3819caeb05d0315084161d88f\", \"useCase\": \"none\", \"useCaseStep\": \"none\", \"user\": \"Jmg7Yfl5rVkJ\""}\n}"
```

```
}
```

Example 2.2: action [PRODUCING]

```
{
  "action": "[PRODUCING]",
  "actionDescription": "producing event: (common.communication) ->
mfaf.deleteStateUpdateFailed",
  "appName": "MFAF",
  "broker": "none",
  "channel": "myais3.0",
  "componentName": "common.communication",
  "componentVersion": "1.0",
  "device": [
    "5d0315084161d88f"
  ],
  "instance": "communication-deletestate-7657bf9958-m6k2b",
  "level": "info",
  "message": "{\"header\":{\"version\":\"5.0\",\"timestamp\":\"2025-03-
27T07:15:11.114383Z\",\"orgService\":\"common.communication\",\"scope\":\"global\",\"from\":\"I
ACS\",\"channel\":\"myais3.0\",\"broker\":\"none\",\"agent\":\"Myais/12.0.0
(1564)\",\"useCase\":\"none\",\"useCaseStep\":\"\",\"useCaseAge\":2,\"useCaseStartTime\":\"\",\"u
seCaseExpiryTime\":\"\",\"functionName\":\"\",\"messageType\":\"command\",\"session\":\"comma
nd-oda=5db8e7cb-68a3-4624-877b-ca0069e9a8285d0315084161d88f\",\"transaction\":\"command-
oda=fee8d900-5e39-4e5e-8ed6-
3aa3819caeb05d0315084161d88f\",\"communication\":\"unicast\",\"groupTags\":[],\"identity\":{\"d
evice\":\"5d0315084161d88f\"},\"public\":\"0924304928\",\"user\":\"Jmg7Yfl5rVkJ\",\"statusCode\
\":\"\",\"initUri\":\"\",\"initMethod\":\"\",\"queryParam\":\"\",\"tmfSpec\":\"TMF681\",\"baseApiVer
sion\":\"4.0.0\",\"schemaVersion\":\"1\",\"instanceData\":\"\"},\"body\":{\"status\":\"500\",\"code\
\":\"50002\",\"reason\":\"DB Error\"}}",
  "originateServiceName": "Event Source",
  "public": "0924304928",
  "recordName": "mfaf.updateDeleteState",
  "recordType": "detail",
  "sessionId": "command-oda=5db8e7cb-68a3-4624-877b-ca0069e9a8285d0315084161d88f",
  "timestamp": "2025-03-27 14:37:22.850",
  "transactionId": "command-oda=fee8d900-5e39-4e5e-8ed6-3aa3819caeb05d0315084161d88f",
  "useCase": "none",
  "useCaseStep": "none",
  "user": "Jmg7Yfl5rVkJ"
}
```

Example 2.3: action [PRODUCED]

```
{
  "action": "[PRODUCED]",
  "actionDescription": "event response from kafka : mfaf.deleteStateUpdateFailed",
}
```

```
"appName": "MFAF",
"broker": "none",
"channel": "myais3.0",
"componentName": "common.communication",
"componentVersion": "1.0",
"device": [
  "5d0315084161d88f"
],
"instance": "communication-deletestate-7657bf9958-m6k2b",
"level": "info",
"message":
"{\"topicName\": \"mfaf.deleteStateUpdateFailed\", \"partition\": 0, \"errorCode\": 0, \"baseOffset\": \"110\", \"logAppendTime\": \"-1\", \"logStartOffset\": \"110\"}",
"originateServiceName": "Event Source",
"public": "0924304928",
"recordName": "mfaf.updateDeleteState",
"recordType": "detail",
"responseTime": 75.40091705322266,
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