




**PLATFORM DEEP DIVE / Plugins /  Custom Plugins /  Notifications plugin /
Using the plugin / OTP flow / validate-otp**

Contents

- PLATFORM DEEP DIVE / Plugins /  Custom Plugins /  Notifications plugin / Using the plugin / OTP flow / Validate OTP
 - Define needed Kafka topics
 - Request to validate an OTP
 - Reply from validate OTP
 - Example: validate an OTP from a business flow

PLATFORM DEEP DIVE / Plugins / Custom Plugins / Notifications plugin / Using the plugin / OTP flow / Validate OTP

Define needed Kafka topics

Kafka topic names can be set by using environment variables:

- `KAFKA_TOPIC_OTP_VALIDATE_IN` - the event sent on this topic (with an OTP and an identifier) will check if the OTP is valid
- `KAFKA_TOPIC_OTP_VALIDATE_OUT` - the response for this request will validate an OTP, the reply is sent back to the Engine on this topic

CAUTION

The Engine is listening for messages on topics with names of a certain pattern, make sure to use an outgoing topic name that matches the pattern

configured in the Engine.

Request to validate an OTP

Values expected in the request body:

- processInstanceId = process instance ID
- client id = the user unique ID in the system
- channel = notification channel: SMS/MAIL
- otp = OTP code that you received, used to compare with the one that was sent from the system

Example:

```
{  
  "processInstanceId": 12345,  
  "clientId": "1871201460101",  
  "channel": "MAIL",  
  "otp": "1111"  
}
```

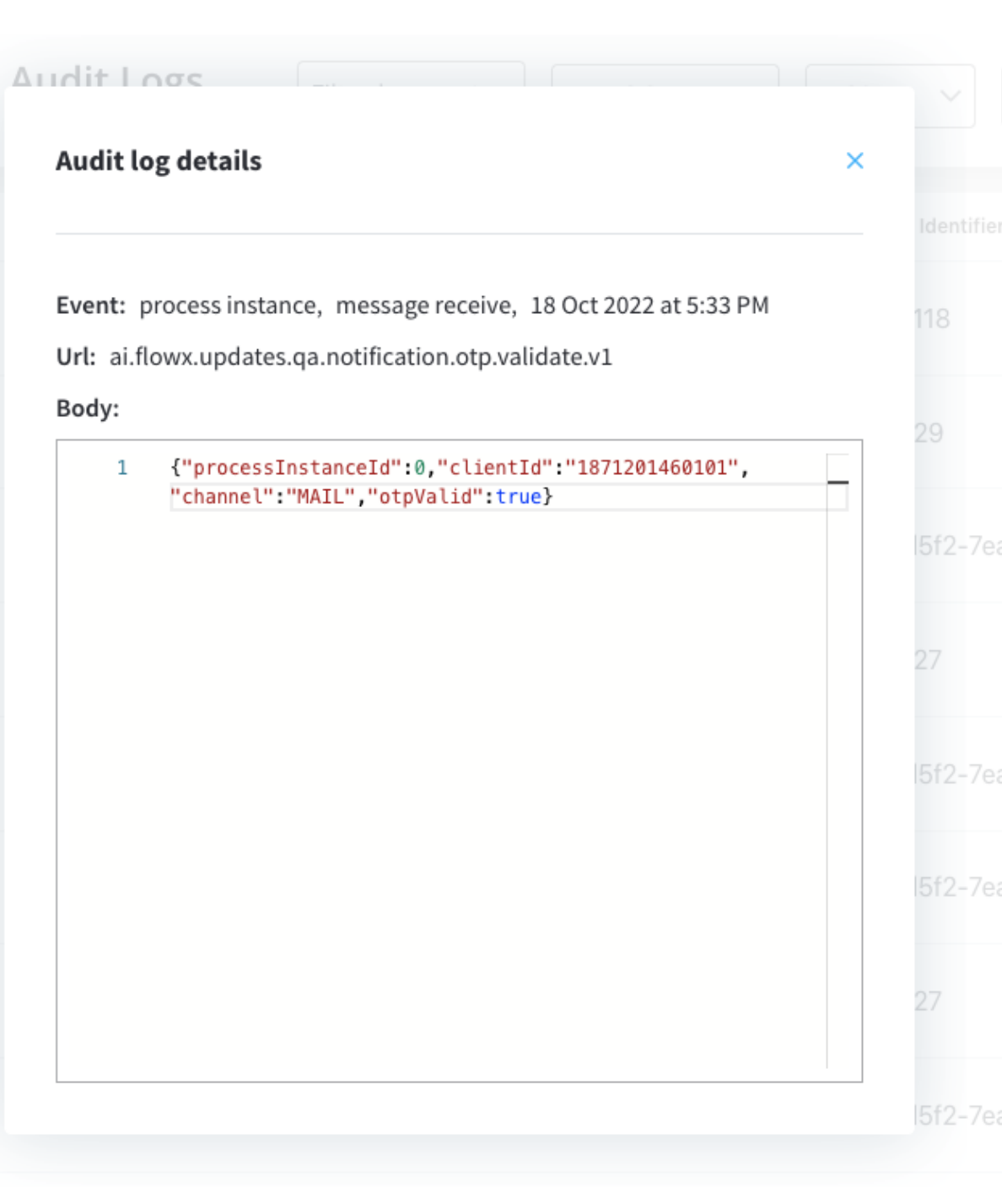
Reply from validate OTP

Values expected in the reply body:

- client id = the user unique id in the system
- channel = notification channel used

- otpValid = confirmation if the provided OTP code was the same as the one sent from the system

Example:



Example: validate an OTP from a business flow

Similar to the generation of the OTP you can validate the OTP that was generated for an identifier.

1. Check that the needed topics are configured correctly:

(KAFKA_TOPIC_OTP_VALIDATE_IN and
KAFKA_TOPIC_OTP_VALIDATE_OUT)

2. Add the actions for sending the request to validate the OTP on the node that contains the 'Generate OTP' actions
3. Add the proper configuration to the action, the Kafka topic and configure the body message.

Parameters

Custom

From integration

Topics

ai.flowx.in.qa.notification.otp.validate.v1

Message

```
1 {  
2   "clientId" : "${application.client.identificationData.personalIdentificationNumber}",  
3   "channel" : "MAIL",  
4   "otp" : "${email.otpValue}"  
5 }
```

Advanced configuration

Show Headers ☐

Data to send

email.otpValue



application.client.identificationData.personalIdentificationNumber



Add Key

Save

4. Add a node to the process definition (for the **Kafka receive event**)
5. Configure on what key you want to receive the response on the process instance parameters

Node: **register_contact_data** (ID: 735010)

Node Config

Actions

Custom

From integration

Topic Name

ai.flowx.updates.qa.notification.otp.valida

Key Name

otpValid

Task Management

Update task management? ☐

Force Task Management Plugin to update information about this process after this node.

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