dexatel

Webhook Integration

Table of Contents

Revision History

Version	Date	Description
1.0	01/03/2022	Initial version

Introduction

The partner will be notified about certain events, such as message delivered status, by using webhook.

Once webhooks are configured successfully, the available delivery statuses will be sent to the endpoint submitted by the partner. Thus, despite the APIs which need to pull data from a server periodically to stay up to date, with webhooks, the partner does not have to send a request to the server of Dexatel to get the message delivery status. These requests are POST requests containing webhook payload sent in standard JSON format.

In this documentation, webhooks fired from events configured by the partner are described. For getting webhook configuration details, see Dexatel Messaging Integration API.

Target Audience

This document aims at the developers who already set up webhooks and want to get webhooks fired from events.

Signature

Dexatel signs every webhook request message sent to the user. The signature of each message is computed using the **HMAC_SHA256 hashing algorithm**, which takes the **payload of the webhook**, signs with the **secret**, and sends the computed hash code in the **X-Dexatel-Signature** header of the request.

Event: Delivery

Delivery webhooks are fired when a message status is updated to delivered and the account configuration is set for the event type.

URL	{configured url}
Method Type	POST
Verification	X-Dexatel-Signature header
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

Name	Type	Description
data	object	Details of the event (see Data object below)

Data object

Name	Type	Description
account_id	string (uuid)	Identifier of the account to which the message was sent
message_id	string (uuid)	Identifier of the sent message
event	string	Event type for which the webhook is fired. Possible values: • message - the webhook will be fired in case of an inbound message • delivery - the webhook will be fired in case of an available delivery report
status	string	Updated status of the message
timestamp	string	Timestamp value of the status update

Response Parameters

There are no response parameters.

Example of Delivery method request body

```
POST: {configured url}
X-Dexatel-Signature: 9051c49f2eed4cfe8125cba47a275e1460402ad2a4bc94d417fd1e10d9c55339
Content-Type: application/json
{
    "data": {
        "account_id": "4ca07d94-7b4d-4434-97aa-9ec34772f111",
        "message_id": "4ca07d94-7b4d-4434-97aa-9ec34772f111",
        "event": "delivery",
        "status": "delivered",
        "timestamp": "2022-03-01 13:00:00"
    }
}
```

Example of Delivery method response body

No response

Event: Message

Message webhooks are fired when an inbound message is received and the account configuration is set for the event type.

URL	{configured url}
Method Type	POST
Verification	X-Dexatel-Signature header
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

Name	Type	Description
data	object	Details of the event (see Data object below)

Data object

Name	Type	Description
account_id	string (uuid)	Identifier of the account to which the message was sent
event	string	Event type for which the webhook is fired. Possible values: • message - the webhook will be fired in case of an inbound message • delivery - the webhook will be fired in case of an available delivery report
from	string	Phone number from which the message was sent
to	string	Number of the recipient to which the message was sent
text	string	Text of the message
channel	string	Channel through which the message is delivered. Possible values: • sms • viber • whatsapp

timestamp	string	Timestamp value of the status update

Response Parameters

There are no response parameters.

Example of Message method request body

```
POST: {configured url}
X-Dexatel-Signature: 9051c49f2eed4cfe8125cba47a275e1460402ad2a4bc94d417fd1e10d9c55339
Content-Type: application/json
{
    "data": {
        "account_id": "4ca07d94-7b4d-4434-97aa-9ec34772f111",
        "event": "message",
        "from": "1222444444",
        "to": "1222333333",
        "text": "sign me in please",
        "channel": "sms",
        "timestamp": "2022-03-01 13:00:00"
    }
}
```

Example of Message method response body

```
No response
```