

# WhatsApp Connector Deployment Guide

Allows the user to send automated WhatsApp messages through a flow on Power Automate. Custom message templates can be sent and variables within the JSON body can be set.

## Prerequisites

- WhatsApp Business Account
- Meta developer account
- Premium Power Apps Account

### 1. Creating the Meta Developer Account

Follow the steps on the following link to easily create a Meta Developer account:  
<https://developers.facebook.com/docs/development/register/>

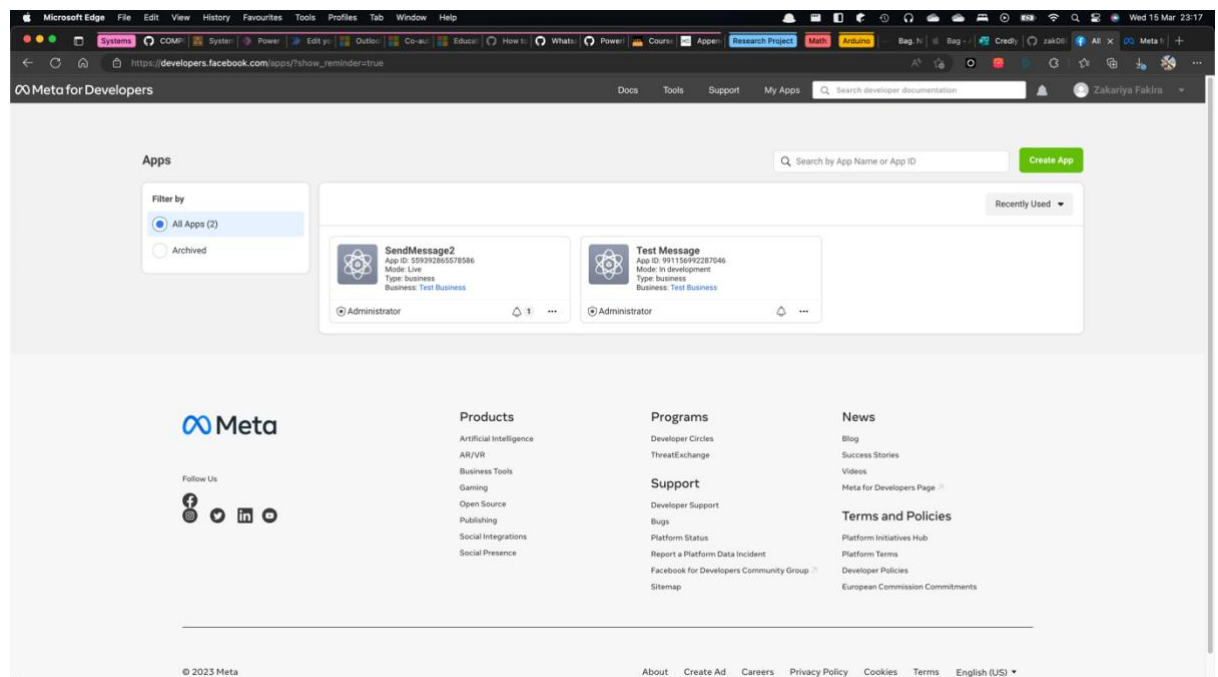
### 2. Creating the Meta App

Steps defined in detail by Meta:  
<https://developers.facebook.com/docs/development/create-an-app/>

To get started, create an app on the meta app dashboard.

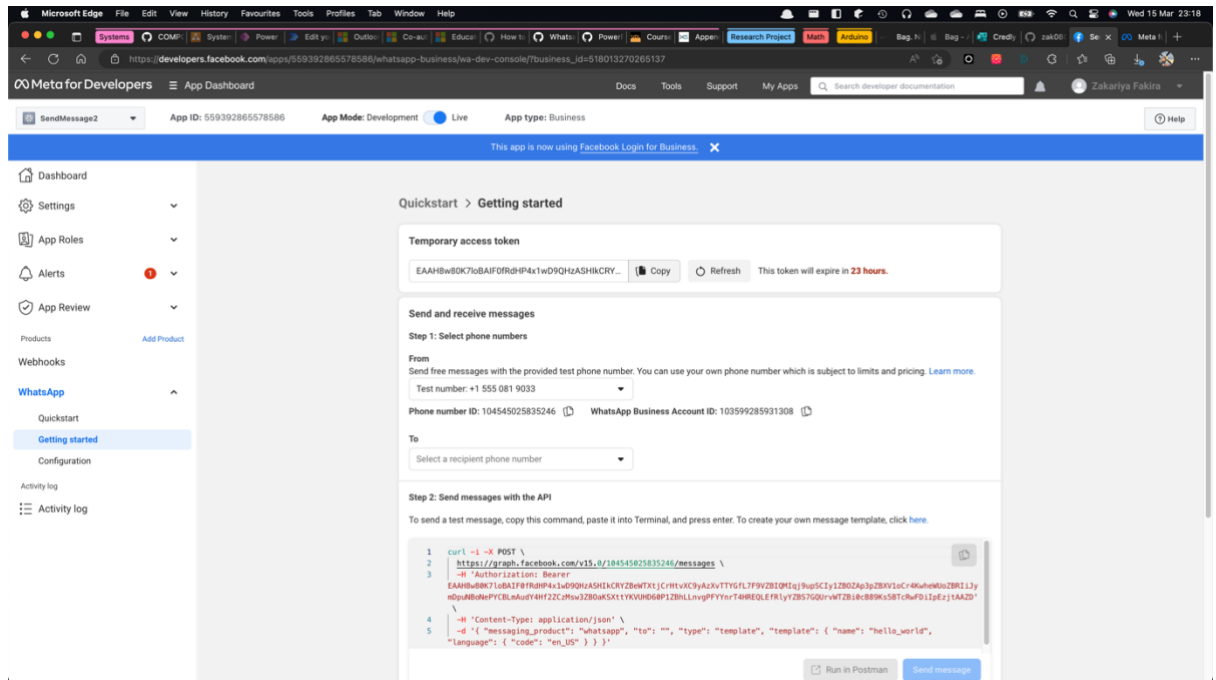
Select the developer console page from the WhatsApp business account.

From there, select create app and follow the setup process.



### 3. Using the Phone Number ID

Once the above has been completed, the phone number ID which can be viewed on the Meta App can be used to complete the URL request path in the API call. This can be set through the connector.



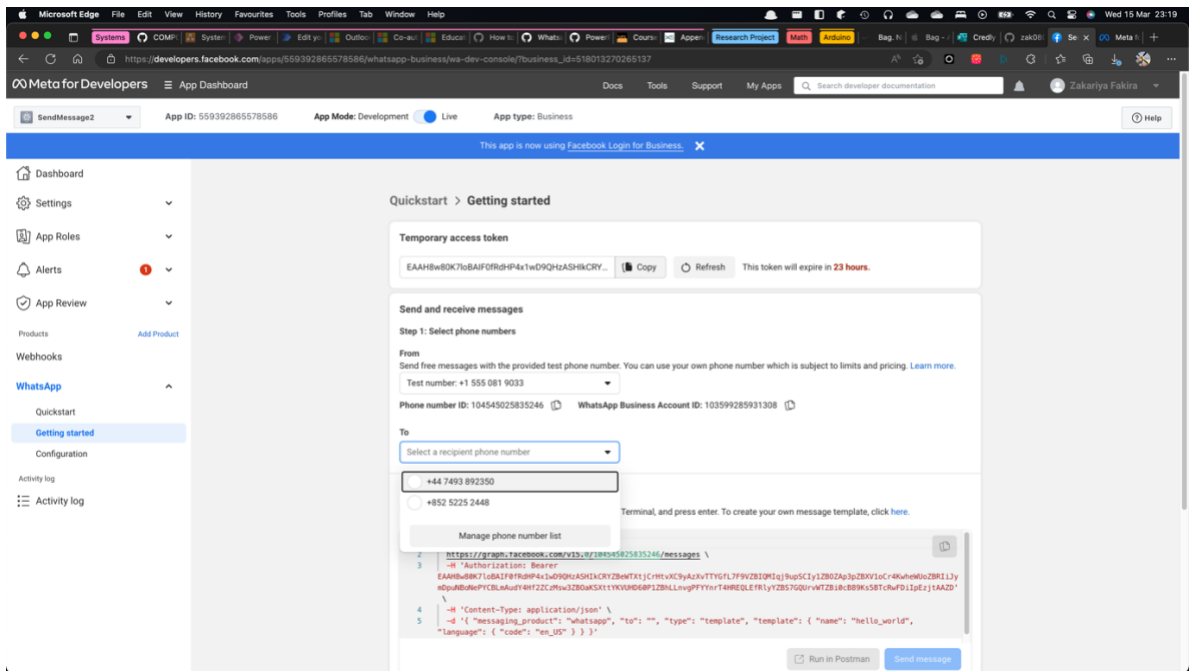
The screenshot shows the Meta for Developers WhatsApp Quickstart page. The page is titled "Quickstart > Getting started" and contains the following sections:

- Temporary access token:** A text box containing the token "EAAHbWbK7oBAIFDRhIP4x1wD9QH2ASHH.CRY..." with a "Copy" button and a "Refresh" button. A note indicates "This token will expire in 23 hours."
- Send and receive messages:**
  - Step 1: Select phone numbers:** A section with a "From" dropdown set to "Test number: +1 555 081 9033". Below it, a "Phone number ID" field is set to "104545025835246" and a "WhatsApp Business Account ID" field is set to "103599285931308". A "To" dropdown is set to "Select a recipient phone number".
  - Step 2: Send messages with the API:** A section with a note: "To send a test message, copy this command, paste it into Terminal, and press enter. To create your own message template, click here." Below this is a cURL command:

```
1 curl -i -X POST \
2 | https://graph.facebook.com/v15.0/104545025835246/messages \
3 | -H 'Authorization: Bearer
EAAHbWbK7oBAIFDRhIP4x1wD9QH2ASHH.CRY2b6WTXjCrHtVxChyAzXvTYGfL7F9VZB1Qh1qj9up5C1y1Z80Zap3Z8V1uCr4kueh6oZ8R1Ljy
mDpUNbMPCYCLaAudY4Hf2ZCfHw3Z80aK5X1YKVUNd6P1ZBLLv9PFYFrT4bREOLEFRlyZ857GQirvW7Zl8cB89K58TchuF91IpeZj1AAZD'
\
4 | -H 'Content-Type: application/json' \
5 | -d '{ "messaging_product": "whatsapp", "to": "", "type": "template", "template": { "name": "hello_world",
"language": { "code": "en_US" } } }'
```

### 4. Adding recipients to the list of contacts

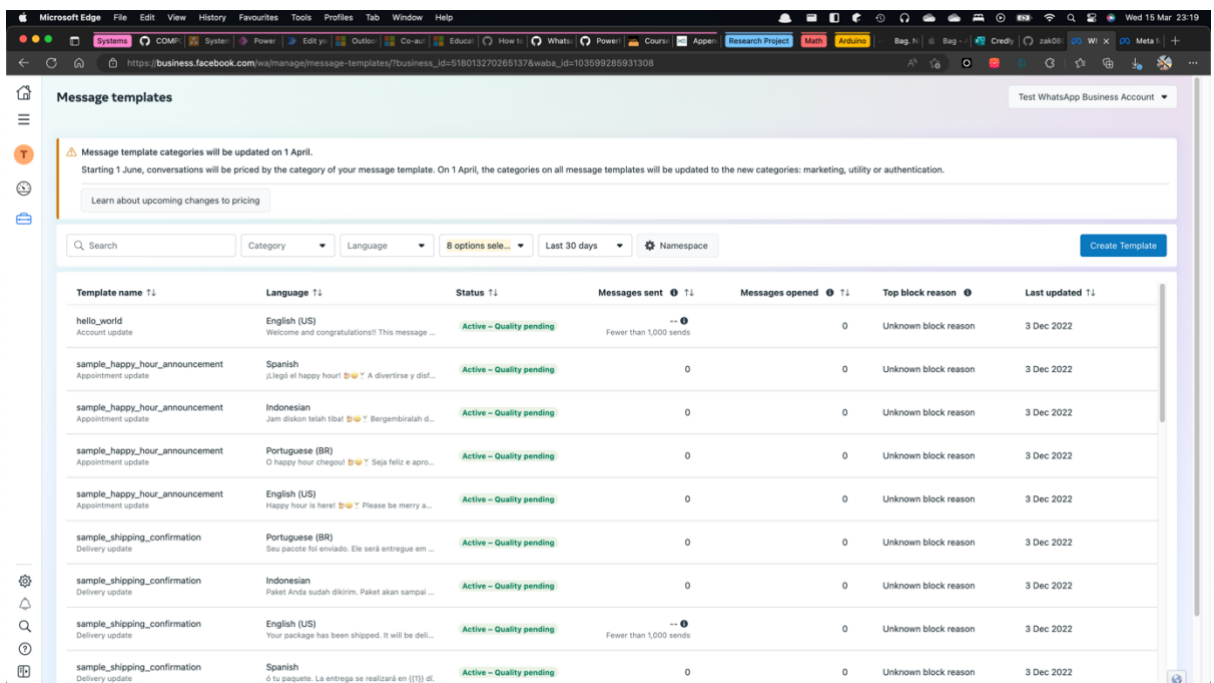
Only phone numbers registered to the Meta App can be contacted using the connector so it is key that these phone numbers are added to the list. This can be done by heading to the 'Getting Started' page of the Meta App and selecting 'Manage Phone Number List' in the recipient drop down list.



## 5. Creating custom message templates

Once everything is set up, you can choose to create your own message templates to be sent from your WhatsApp Business account. These message templates will need to be approved by Meta before you can use it in the connector.

For that, follow the steps, thoroughly explained by Meta on this website: [Create message templates for your WhatsApp Business account | Meta Business Help Centre \(facebook.com\)](https://www.facebook.com/business/help/1015626210156262).



## Supported Operation

The connector supports the following operations:

- **Send Message:** Sends a message to the recipient provided that the latter is found in the list of phone numbers for the Meta Account.

# Consuming the Connector on Power Platform

## Creating the Microsoft Developer Account (If you don't have Microsoft 365 Premium Account)

Go to [Developer Program | Microsoft 365 Dev Center](#) to create a Microsoft Developer account.

Click on 'Join now' and follow the steps to create an account.

## Getting to Power Platform

From the M365 developer home page, click on your account and on "View Account".

Navigate to Power Apps by clicking on the elipses on the top-left corner.

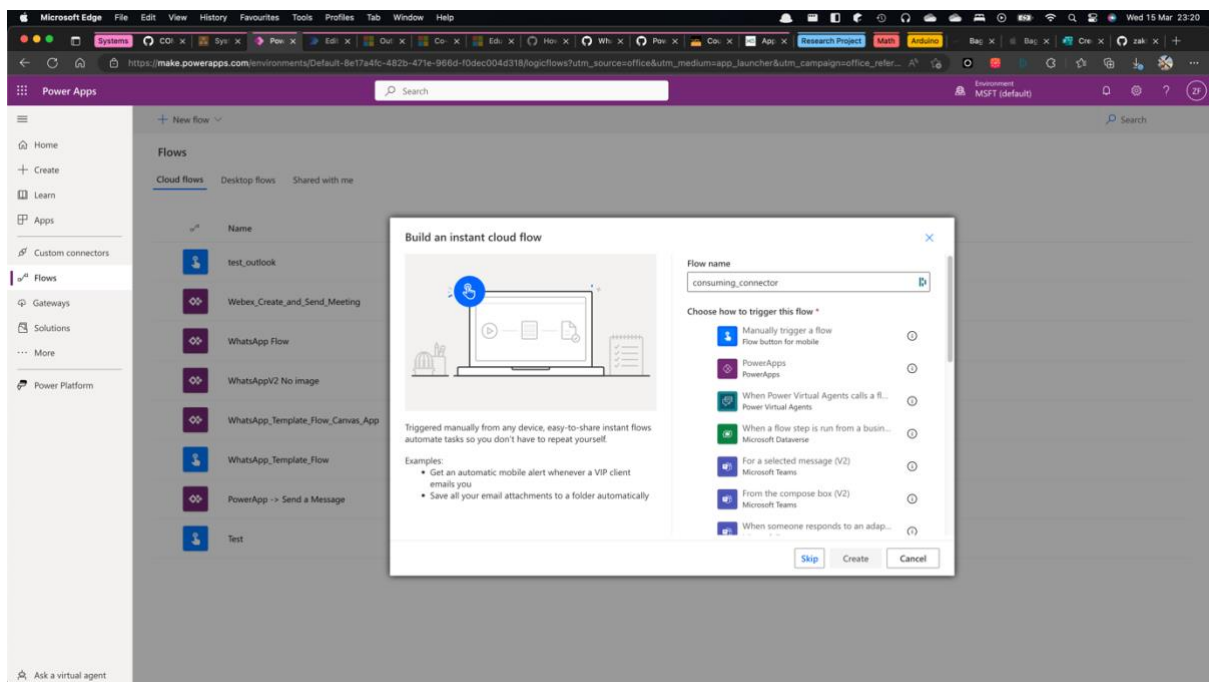
You are now at the home page of Power Apps.

## Using a flow to consume the connector

The connector on its own doesn't do much and using it in a Power Automate Flow gives it its real value and power.

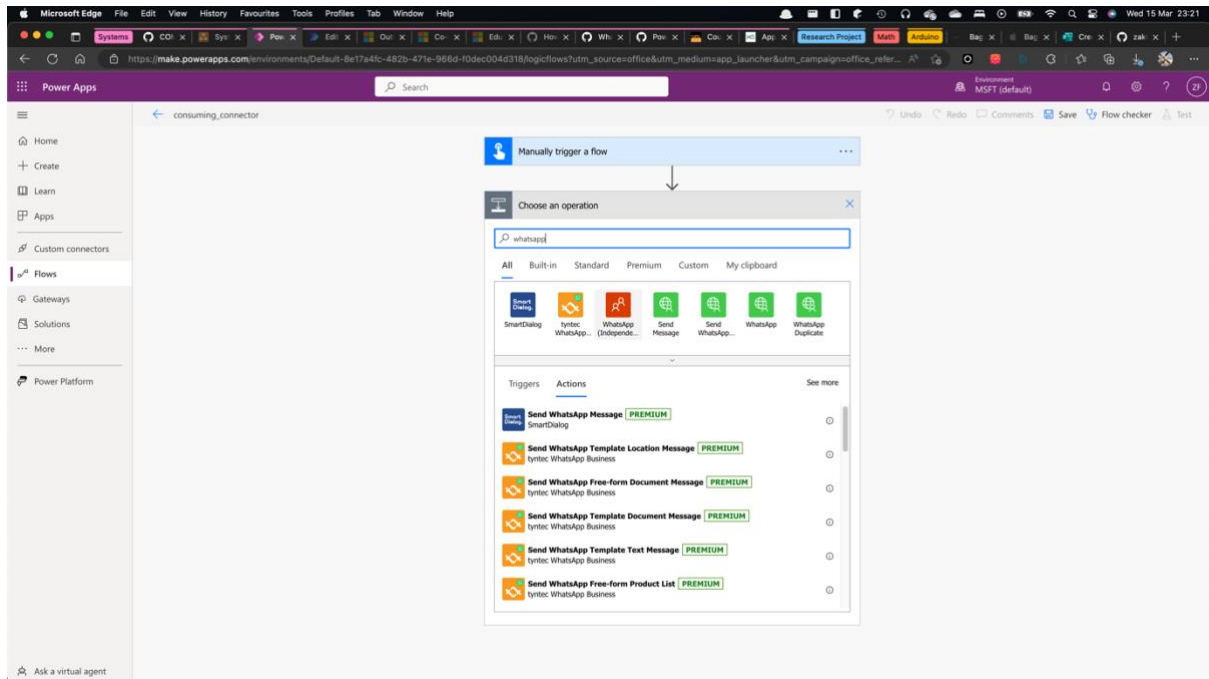
Click on flows in the ribbon found on the left of the screen.

Create a new instant cloud flow

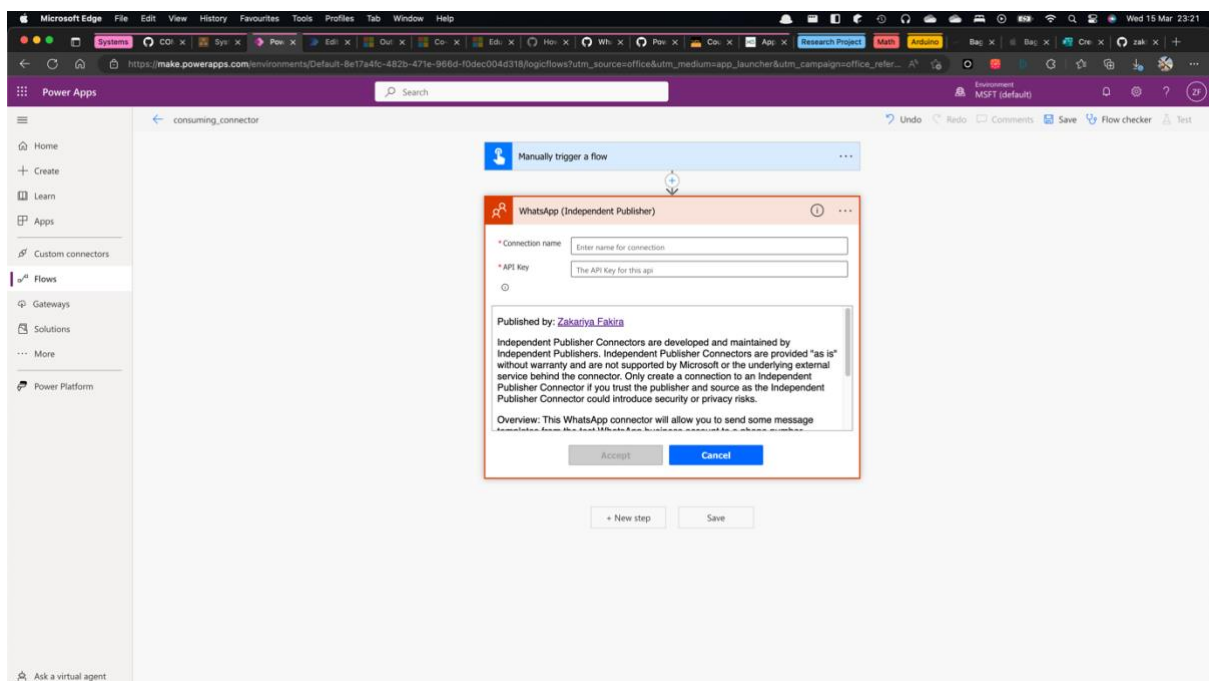


Name your flow and select your trigger. If you want the flow to be used within a canvas app, select the power apps trigger, otherwise if you just want to test the connector, use the manual trigger.

Once you have created the flow, click on “+ New Step” and look up “WhatsApp”. Select the independent publisher WhatsApp connector.



You will be prompted to add the connection. A connection is a way to authenticate yourself and essentially just verifies the Bearer token used as API Key. Name your connection as you wish, and key in “Bearer <insert your token>” in the API Key field.



## **To infinity and beyond**

Congratulations! You are now ready to use our WhatsApp connector! This connector can be used as you wish and feel free to be creative. You can do a test run of this flow, incorporate as many other connectors as you want and use this flow in canvas apps.

## **Obtaining Credentials**

### **Generating the permanent token**

By default Meta uses a temporary token that expires in 24 hours. This temporary token can be used as the API key but will have to be updated within 24 hours.

To get a permanent token, follow the steps from the following link: [Permanent token for WhatsApp Cloud API: How to generate? | Pepper Cloud Blog](#)