

Embedded Signup for WhatsApp Business API

Refer <https://developers.facebook.com/docs/whatsapp/embedded-signup/> for details

Log in With Facebook

facebook.com/v20.0/dialog/oauth?app_id=50102282838542&cbt=172...

Fill in your business information
Select an existing or create a new business portfolio to add your phone number. Your audience will not see this information on your WhatsApp profile.

Business name
 0/100

Business Email
You'll receive an email to verify it.

Business website or profile page
If you don't have a business website, you can use a URL from any of your social media profile pages. This should be a website/social media page for your business.

Country

+ Add Address (optional)

Social Overdrive's [Privacy Policy](#) and [Terms](#)

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Log in With Facebook

facebook.com/v17.0/dialog/oauth?app_id=46102245885200&cbt=1715...

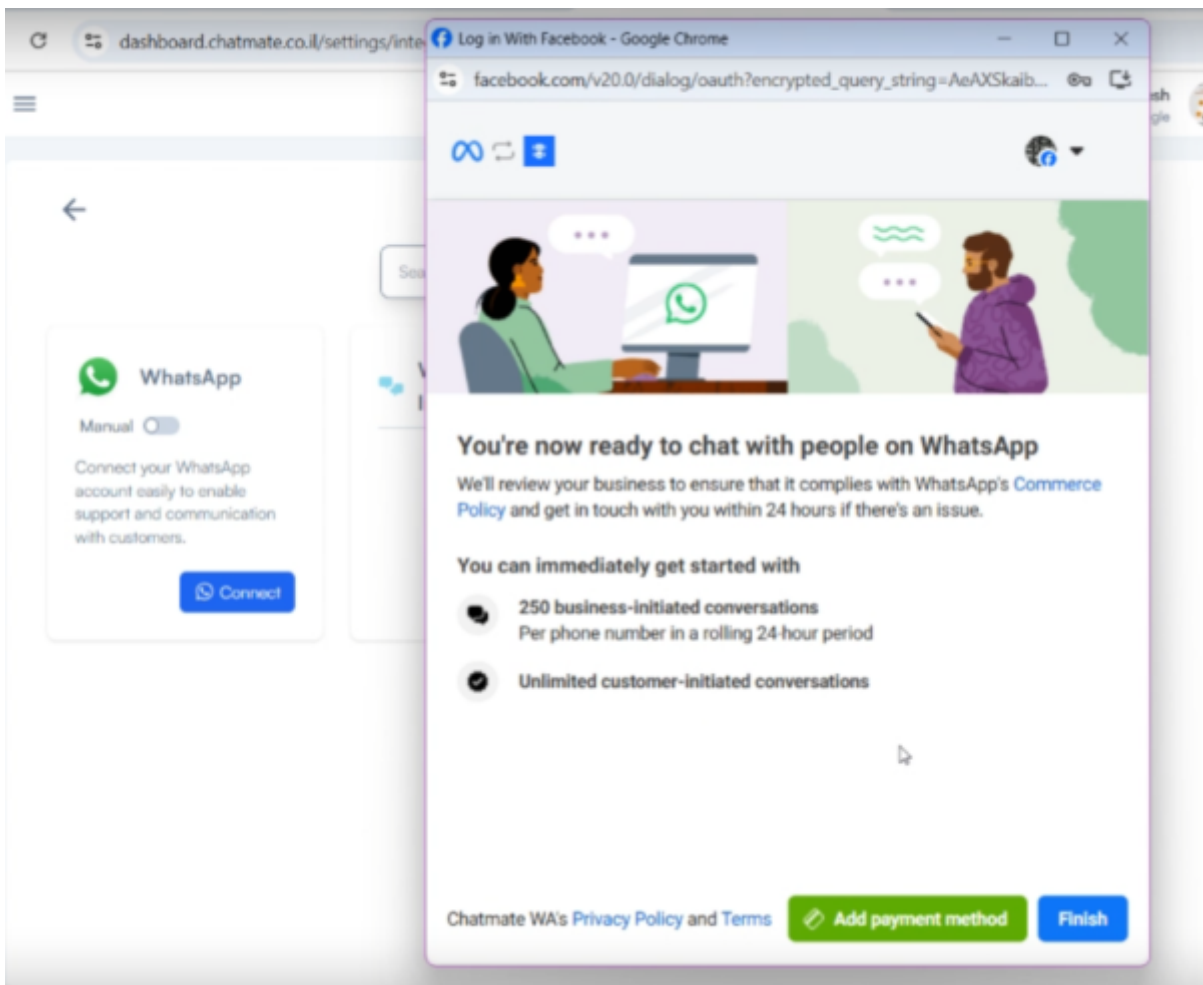
Add a phone number for WhatsApp
This is the number people will see when they chat with you. [Learn how to use a number that's already on WhatsApp.](#)

☐ Get a free WhatsApp number
WhatsApp will generate a +1 555 number to use exclusively for sending your messages. It cannot be used to start or receive calls or texts. No verification required.

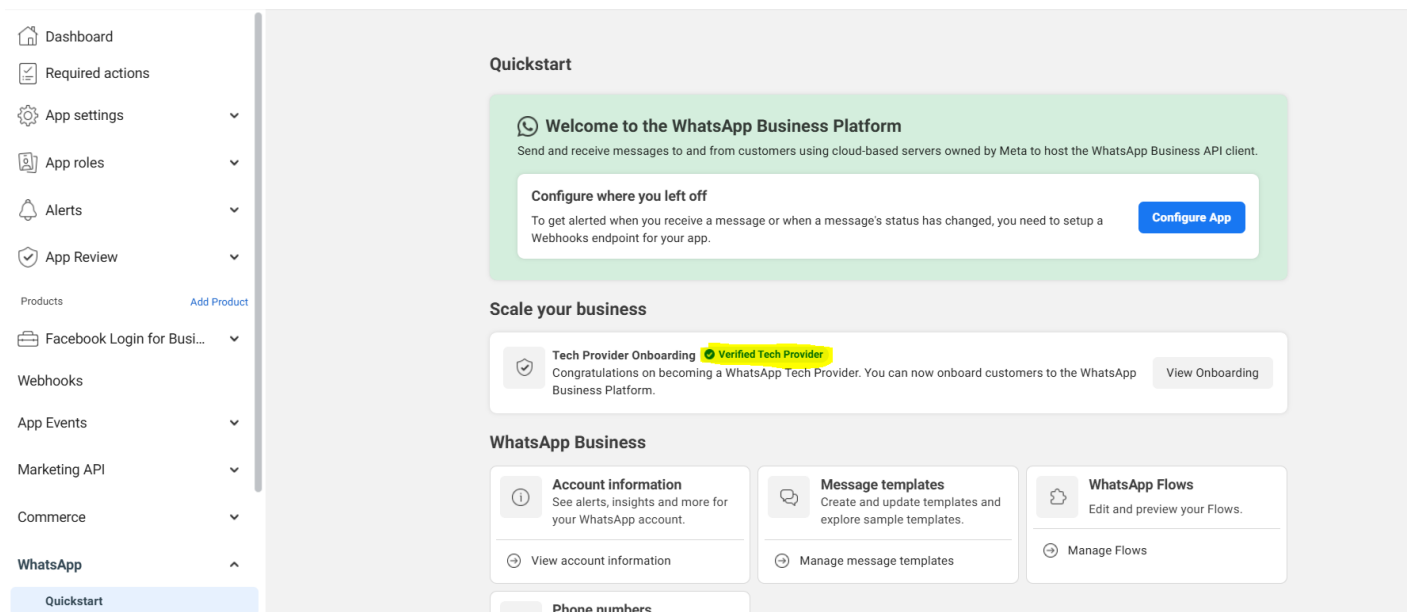
☐ Add a new or existing number
Verification is required.

Back

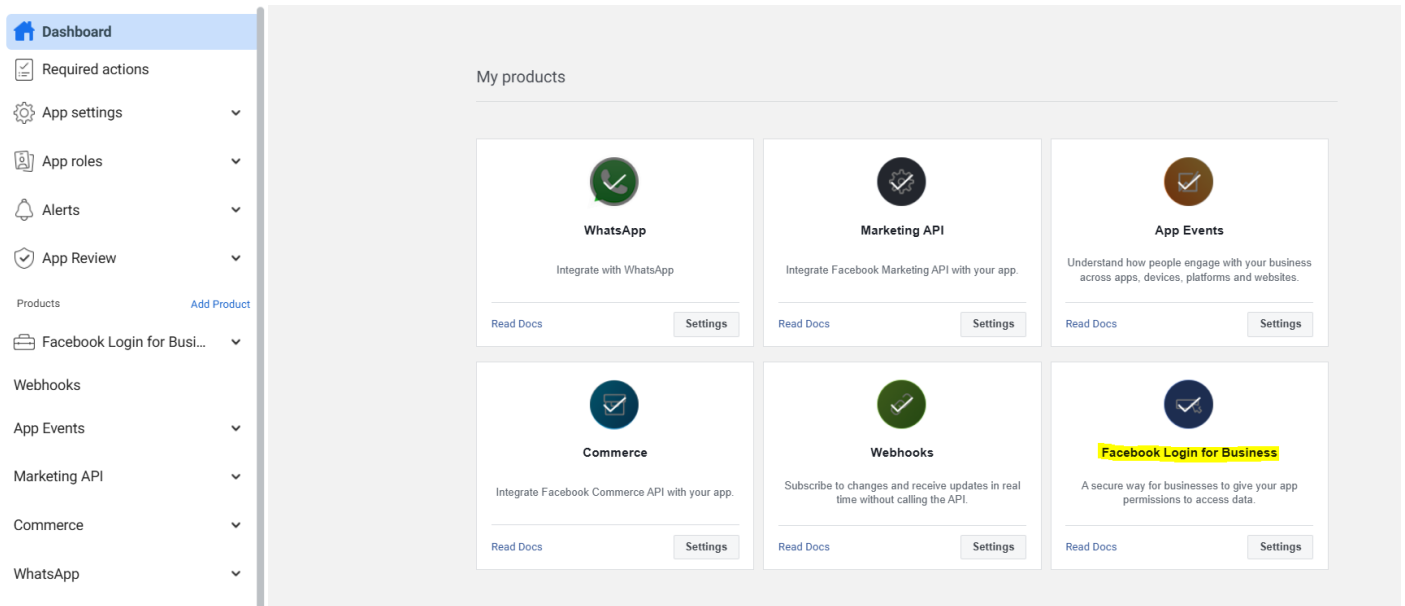
Next



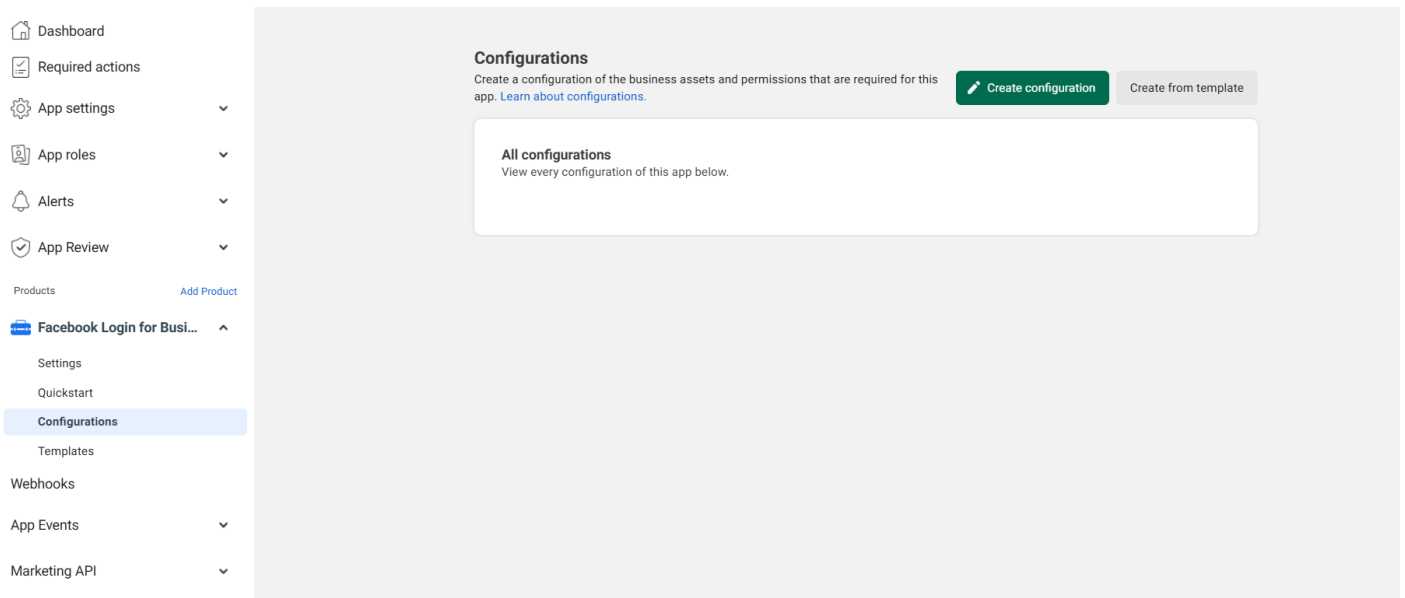
Once your App verification is complete and you receive the verified tech provider badge, lets us move to build the Embedded Signup



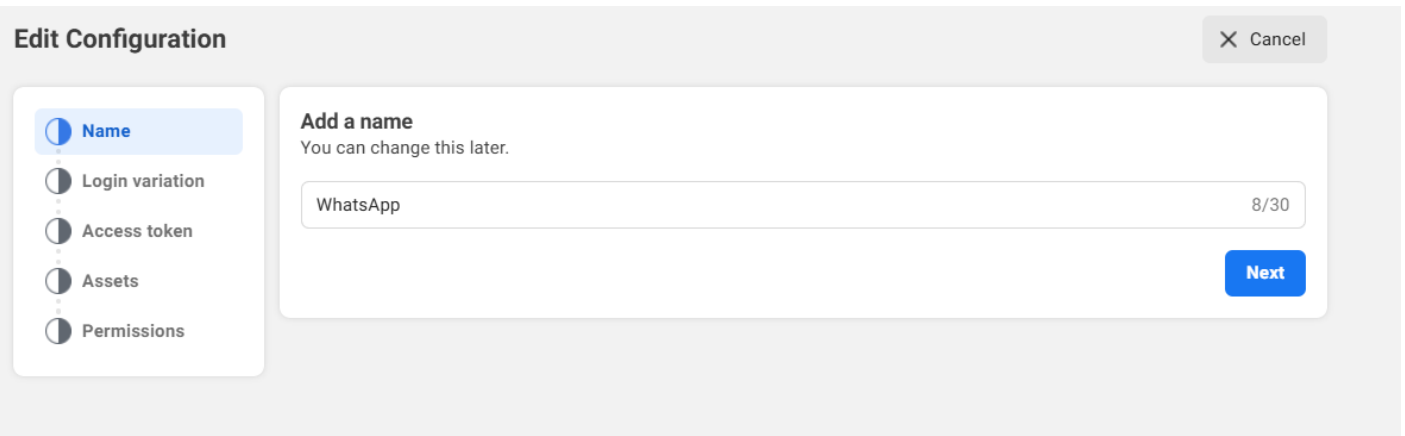
Ensure you have Facebook Login for Business enabled in your app, if not click on Dashboard and enable it



Head to Facebook Login for Business and select Configurations -> Create configuration



Add a Name to the configuration



Select Login variation as WhatsApp Embedded Signup

Edit Configuration

✓ Name

● Login variation

● Access token

● Assets

● Permissions

Choose login variation

To choose a different login variation, create a new configuration.

To choose a different login variation, create a new configuration.

To choose a different login variation, create a new configuration.

☒ WhatsApp Embedded Signup

Enable your app to onboard to WhatsApp Embedded Signup.

☐ Instagram Graph API

Login variation optimized for Instagram Graph API usages.

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Next

Select System-user Access Token & Never Expire

Edit Configuration

✓ Name

✓ Login variation

● Access token

● Assets

● Permissions

Choose access token

☐ User access token

Required for current login variation.
Your users will be required to log in using a personal Facebook account.

☒ System-user access token

Your users will be required to log in using a business portfolio. This is only required if this configuration needs continuous access to business assets (e.g. Facebook Pages, ad accounts or Instagram accounts).

Choose token expiration

This is when this token will expire. This can't be changed later. [Learn about token expiration and refresh.](#)

☐ 60 days (Recommended)

☒ Never

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Select WhatsApp Accounts and Select all Asset Task Permissions

Edit Configuration

✕ Cancel

✓ Name

✓ Login variation

✓ Access token

Assets

Permissions

Choose assets

Users will be required to give this app access to at least one of everything you select.

- ☐ Pages
- ☐ Ad accounts
- ☐ Catalogs
- ☐ Pixels
- ☐ Instagram accounts
- ☒ WhatsApp accounts

Select Asset Task Permissions - Optional

Selected task permissions will be assigned to this asset type only. By default, the "Manage" permission will be assigned.

6 options selected



- ☒ **MANAGE**
You can do all of the above, and also assign users and view payment information.
- ☒ **DEVELOP**
You can create message templates, add phone numbers, access metrics and send messages to customers.
- ☒ **MANAGE_TEMPLATES**
Create, edit and delete message templates.
- ☒ **VIEW_PHONE_ASSETS**
View phone numbers and profiles
- ☒ **MANAGE_PHONE_ASSETS**
Add and delete the phone numbers. Manage their names, profiles, registrations and settings
- ☒ **VIEW_TEMPLATES**
View and use message templates.

From Permissions select business_management, catalog_management, whatsapp_business_management & whatsapp_business_messaging

Edit Configuration

✓ Name

✓ Login variation

✓ Access token

✓ Assets

Permissions

Choose permissions

Users will be required to give this app every permission you select.

i Permissions in standard access will only be requested from people with roles on this app.

[Learn about access levels.](#)

Select permissions

Certain permissions require other permissions in order to function as intended. If you select one of these permissions, we will automatically select the other permissions for you. [Learn about permission dependencies.](#)

4 options selected

☐ ads_management

The ads_management permission allows your app to both read and manage the Ads account it owns, or has been granted acce...

☐ ads_read

The ads_read permission allows your app to access the Ads Insights API to pull Ads report information for Ad accounts you ow...

☒ business_management

The business_management permission allows your app to read and write with the Business Manager API.

☒ catalog_management

The catalog_management permission allows your app to create, read, update and delete business-owned product catalogs that ...

☐ commerce_account_manage_orders

The commerce_account manage_orders permission allows your app to read and update commerce account orders.

☐ commerce_account_read_orders

The commerce_account_read_orders permission allows your app to read commerce account orders.

click Save to save the configuration

Configurations

Create a configuration of the business assets and permissions that are required for this app. [Learn about configurations.](#)

Create configuration

Create from template

All configurations

View every configuration of this app below.

WhatsApp

Configuration ID: 1538931360069823

Copy

Edit

To whitelist the domains, head to settings and add the domains and ensure to enable Client OAuth Login, Web OAuth Login, Embedded Browser OAuth Login

Finally to embed the code you will need

- Configuration ID
- App ID
- App Secret

Configuration ID from the screen above. App ID and App secret from the screen below

Onboarding business customers as a Tech Provider or Tech

Partner

This document describes the steps Tech Providers and Tech Partners must perform to onboard new business customers who have completed the Embedded Signup flow.

If you are a Tech Provider or Tech Partner, any business customer who completes your implementation of the Embedded Signup flow will not be able to use your app to access their WhatsApp assets or send and receive messages (if you are offering messaging services) until you complete these steps.

What you will need

- the business customer's WABA ID (returned via [session logging](#) or [API request](#))
- the business customer's business phone number ID (returned via [session logging](#) or [API request](#))
- your app ID (displayed at the top of the **App Dashboard**)
- your app secret (displayed in the **App Dashboard** > **App settings** > **Basic** panel)

Also, if you wish to test messaging capabilities using the customer's business phone number, you will need a WhatsApp phone number that can already send and receive messages from other WhatsApp numbers.

Perform all of the requests described below using server-to-server requests. Do not use client-side requests.

Step 1: Exchange the token code for a business token

Use the **GET /oauth/access_token** endpoint to exchange the token code [returned](#) by Embedded Signup for a business integration system user access token ("business token").

Request

```
curl --get 'https://graph.facebook.com/v21.0/oauth/access_token' \  
-d 'client_id=<APP_ID>' \  
-d 'client_secret=<APP_SECRET>' \  
-d 'code=<CODE>'
```

Request parameters

Placeholder	Description	Example value
<APP_ID>	Required. Your app ID. This is displayed at the top of the App Dashboard .	236484624622562
<APP_SECRET>	Required. Your app secret. You can get this from the App Dashboard > App Secret > Basic panel.	614fc2afde15eee07a26b2fe3eae9b9
<CODE>	Required. The code returned by Embedded Signup when the customer successfully completed the flow.	AQBhLXsctMxJYbwrpybxlo9tLPgy-QAmjBJA03jxLos43wxlB1rYozY5C33BXJULd133c0Jf_5y6EkJZYMrAmW-EMj3Wdap9-NUM2nS4s8tC-ES7s1Bhh6QpCFM7-SzpI-iqsjqTGyxbUUW3AeaEyLkeZFIkBgcQ_S0xo9HShm20SDR5_n7AT9ZJ5dcpqBQykNT-pQ8V7Ne9-sr6RLAWtJMF7-Zx6ABudRcWIN53tUTtquDVNuq3lrco4BLVQAv-54tR83Ae00DN9Uet6j-BVLuetXhQCM3sz9RdgedlbxkidMbkztvYX1j7ba0rJxyLyYGWYgbnUrKRQKCtWTs05ekIGFgtbpS8UPJNqV6j8E5XKPJ8QA7ZFqzkB0s20__J5FrjHzc_rDo1EuRbw98ihHDzQnvuXeHapEyfhLDJct0A

Response

Upon success:

<BUSINESS_TOKEN>

Response parameters

Placeholder	Description	Example value
<BUSINESS_TOKEN>	The customer's business token .	EAAAN6tcBzAUB0wtDtTfmZCJ9n3FHpSDcDTH86ekf89XnnMZAitMUysPDE7LES3CXkA4MmbKCghdQeU1boHr0QZA05SShiILcoUy7ZAb2GE7hrUEpYHKLDuP2sYZCURkZCHGEvEGjScGLHzC4KDM8tq2slt4Bs0QE1HHX8DzHahdT51MRDqBw0YaeZByrVFZkVAoVTxXUtuKgDDdmJQXMnI4jqJYetsZCP1efj5ygGscZBm40vvuCYB039ZAFlyNn

Step 2: Subscribe to webhooks on the customer's WABA

Use the [POST /<WABA_ID>/subscribed_apps](#) endpoint to subscribe your app to webhooks on the business customer's WABA. If you want the customer's webhooks to be sent to a different callback

URL than the one set on your app, you have multiple [webhook override](#) options.

Request

```
curl -X POST 'https://graph.facebook.com/<API_VERSION>/<WABA_ID>/subscribed_apps' \
-H 'Authorization: Bearer <BUSINESS_TOKEN>'
```

Request parameters

Placeholder	Description	Example value
<BUSINESS_TOKEN>	Required. The customer's business token .	EAAAN6tcBzAUB0wtDtTfmZCJ9n3FHpSDcDTH86ekf89XnnMZAaitMUysPDE7LES3CXkA4MmbKCghdQeU1boHr0QZA05SShiILcoUy7ZAb2GE7hrUEpYHKLDuP2sYZCURkZCHGEvEGjScGLHzC4KdM8tq2sl4Bs0QE1HHX8DzHahdT51MRDqBw0YaeZByrVFZkVAoVTxXUtuKgDDrmJQXMnI4jqJYetsZCP1efj5ygGscZBm40vvuCYB039ZAFlyNn
<WABA_ID>	Required. The customer's WABA ID.	102290129340398

Response

Upon success:

```
{
  "success": true
}
```

Step 3: Register the customer's phone number

Use the [POST /<BUSINESS_PHONE_NUMBER_ID>/register](#) endpoint to register the customer's business phone number for use with Cloud API.

Request

```
curl 'https://graph.facebook.com/v21.0/<BUSINESS_PHONE_NUMBER_ID>/register' \
-H 'Content-Type: application/json' \
-H 'Authorization: Bearer <BUSINESS_TOKEN>' \
```

```
-d '{
  "messaging_product": "whatsapp",
  "pin": "<DESIRED_PIN>"
}'
```

Request parameters

Placeholder	Description	Example value
<BUSINESS_PHONE_NUMBER_ID>	Required. The customer's business phone number ID returned.	106540352242922
<BUSINESS_TOKEN>	Required. The customer's business token.	EAAAN6tcBzAUB0wtDtTfmZCJ9n3FHpSDcDTH86ekf89XnnMZAta itMUysPDE7LES3CXkA4MmbKCghdQeU1boHr0QZA05SShiILcoUy 7ZAb2GE7hrUEpYHKLDuP2sYZCURkZCHGEvEGjScGLHzC4KdM8tq 2s1t4Bs0QE1HHX8DzHahdT51MRDqBw0YaeZByrVFZkVAoVTxXUt uKgDDdrmJQXMnI4jqJYetsZCP1efj5ygGscZBm40vvuCYB039ZA FLyNn
<DESIRED_PIN>	Required. Set this value to a 6-digit number. This will be the business phone number's two-step verification PIN.	581063

Response

Upon success:

```
{
  "success": true
}
```

Step 4: Send a test message

This step is optional.

If you wish to test the messaging capabilities of your business customer's business phone number, send a message to the customer's number from your own WhatsApp number (this will open a [customer service window](#), allowing you to respond with any type of message).

Next, use the [POST /<BUSINESS_PHONE_NUMBER_ID>/messages](#) endpoint to send a [text message](#) in response.

Request

```
curl 'https://graph.facebook.com/v21.0/<BUSINESS_PHONE_NUMBER_ID>/messages' \
-H 'Content-Type: application/json' \
-H 'Authorization: Bearer <BUSINESS_TOKEN>' \
-d '{
  "messaging_product": "whatsapp",
  "recipient_type": "individual",
  "to": "<WHATSAPP_USER_NUMBER>",
  "type": "text",
  "text": {
    "body": "<BODY_TEXT>"
  }
}'
```

Request parameters

Placeholder	Description	Example value
<BODY_TEXT>	Required. Message body text. Supports URLs. Maximum 4096 characters.	Message received, loud and clear!
<BUSINESS_PHONE_NUMBER_ID>	Required. The customer's business phone number ID.	106540352242922
<BUSINESS_TOKEN>	Required. The customer's business token.	EAAAN6tcBzAUB0wtDtTfmZCJ9n3FHpSDcDTH86ekf89XnnMZAaitMUysPDE7LES3CXkA4MmbKCghdQeU1boHr0QZA05SShiILcoUy7ZAb2GE7hrUEpYHKLDuP2sYZCURkZCHGEvEGjScGLHzC4Kdm8tq2slt4Bs0QE1HHX8DzHahdT51MRDqBw0YaeZByrVFZkVAoVTxXUtuKgDDdrnJQXMnI4jqJYetsZCP1efj5ygGscZBm40vvuCYB039ZAFlyNn
<WHATSAPP_USER_NUMBER>	Required. Your WhatsApp phone number that can send and receive messages from other WhatsApp numbers. Note that this cannot be a business phone number already registered for use with Cloud API or On-Premises API.	+16505551234

Response

Upon success:

```
{
  "messaging_product": "whatsapp",
  "contacts": [
    {
      "input": "<WHATSAPP_USER_NUMBER>",
      "wa_id": "<WHATSAPP_USER_ID>"
    }
  ],
  "messages": [
    {
      "id": "<WHATSAPP_MESSAGE_ID>"
    }
  ]
}
```

Response parameters

Placeholder	Description	Example value
<WHATSAPP_MESSAGE_ID>	WhatsApp message ID.	wamid.HBgLMTY0NjcwNDM1OTUVAgARGBI1RjQyNUE3NEYxMzAzMzQ5MkEA
<WHATSAPP_USER_ID>	Your WhatsApp user ID.	16505551234
<WHATSAPP_USER_NUMBER>	Your WhatsApp phone number that the message was sent to.	+16505551234

If you were able to successfully send and receive messages using the customer's business phone number, and if **messages** webhooks were triggered [describing the initial message that you sent](#), as well as the [delivery statuses](#) of the message you sent in response, the customer's business phone number is working properly.

Step 5: Instruct the customer to add a payment method

Instruct your customer to use the WhatsApp Manager to add a payment method. You can provide them with the following Help Center link:

<https://www.facebook.com/business/help/488291839463771>

Alternatively, you can instruct them to:

1. Access the **WhatsApp Manager > Overview** panel at <https://business.facebook.com/wa/manage/home/>
2. Click the **Add payment method** button
3. Complete the flow

Once your customer adds a payment method, they are fully onboarded onto the WhatsApp Business Platform and can begin using your app to access their WhatsApp assets and send and receive messages (if you are providing them with that service).

Revision #6

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