

WP Mail SMTP Documentation






Documentation, Reference Materials, and Tutorials for WP Mail SMTP

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-  How to View Email Logs

Let's Connect



How to Set Up the Google Workspace / Gmail Mailer in WP Mail SMTP

Would you like to use your Gmail or Google Workspace (formerly G Suite) account to fix email delivery issues on your site? WP Mail SMTP's Google Workspace / Gmail option uses Google's API to securely authenticate your site's emails, helping them to arrive successfully in your users' inboxes.

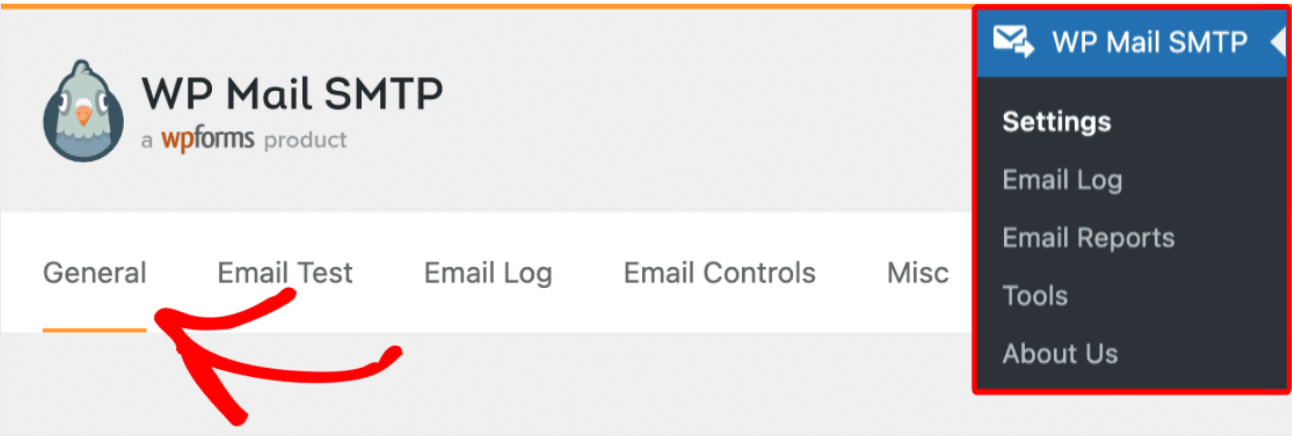
In this tutorial, we'll show you how to set up WP Mail SMTP using the Google Workspace / Gmail mailer with your Gmail or Google Workspace email address.

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1. Installing and Configuring the WP Mail SMTP Plugin

Before getting started, you'll need to [install and activate the WP Mail SMTP plugin](#).

Once you've [verified your license](#), you're ready to configure the plugin's settings. You can find them by going to **WP Mail SMTP » Settings** and looking under the **General** tab.



Below, we'll cover the settings needed for this setup.

From Email

This is the email address that all of your site’s emails will be sent from. You can type your email address into the field provided or select the email address you’d like to use (including any [aliases you’ve configured](#)) from the dropdown that appears after you connect your site to the Gmail API in later steps.

From Email

pattie@gmail.com

▼

☐

Force From Email

If checked, the From Email setting above will be used for all emails, ignoring values set by other plugins.

The **Force From Email** option will make it so all the emails sent from your site come from the address you’ve entered or selected.

Note: In order to use multiple Gmail aliases throughout your WordPress site as the From Email address, make sure to leave the **Force From Email** box unchecked.

From Name

Below the From Email, you can set the **From Name**. This is the name associated with the emails your site sends out. By default, it will be set to your site’s name, but you can adjust it to anything you’d like.

You can also check the **Force From Name** option to apply this setting site-wide.

From Name

Pattie Paloma

The name that emails are sent from.

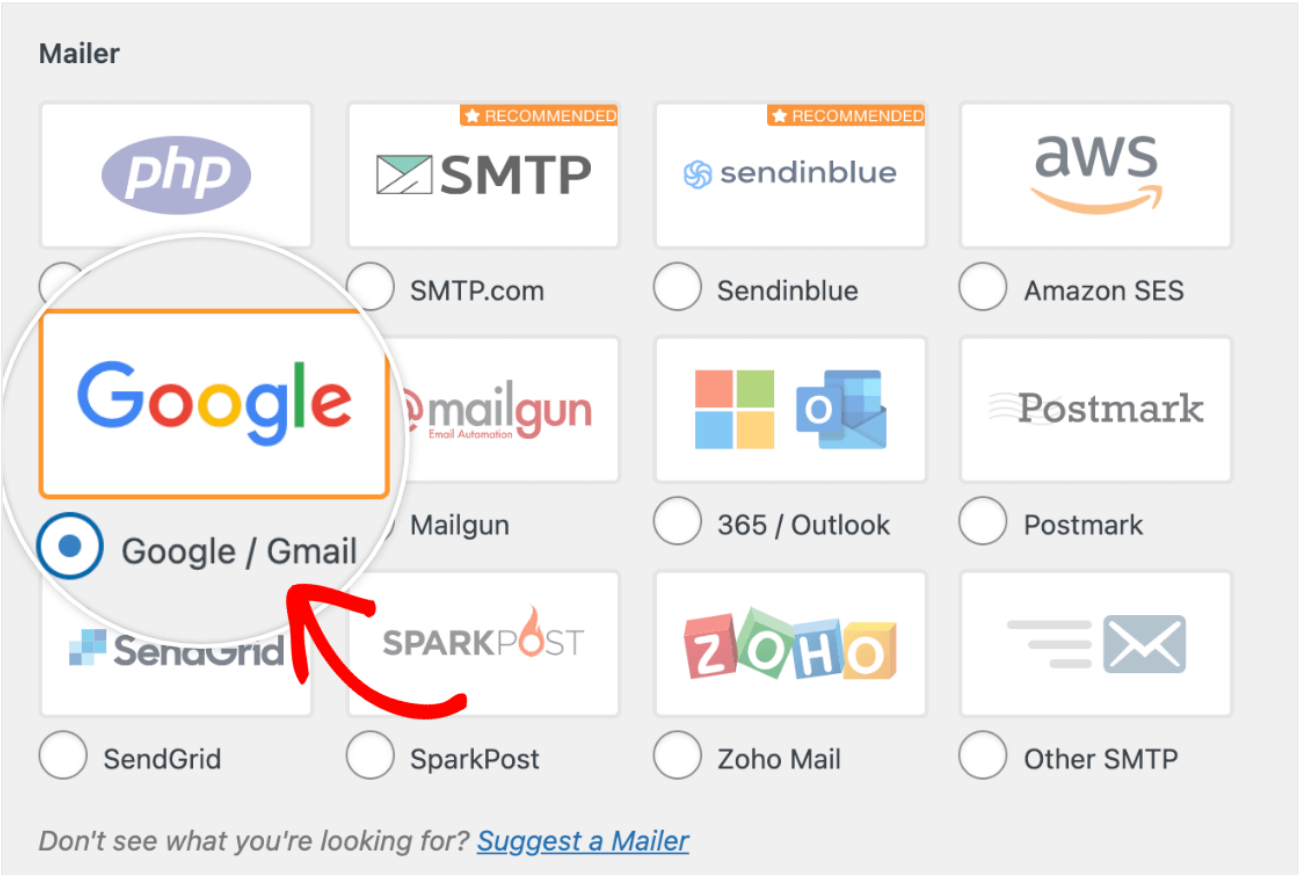
☒

Force From Name

If checked, the From Name setting above will be used for all emails, ignoring values set by other plugins.

Mailer

This is where you can choose which mailer you’d like your site to use. Select the **Google / Gmail** option.



Once you’ve chosen this mailer, you should see a new section appear titled **Google / Gmail**. In this section, there are settings labeled **Client ID** and **Client Secret**.

Google / Gmail

Our Gmail mailer works with any Gmail or Google Workspace account via the Google API. You can send WordPress emails from your main email address or a Gmail alias, and it's more secure than connecting to Gmail using SMTP credentials. The set-up steps are more technical than other options, so we created a detailed guide to walk you through the process.

To get started, read our [Gmail documentation](#).

Client ID

Client Secret

To generate the information you need for these fields, you’ll need to use your Google account to create a web application. This process doesn’t require any coding, and we’ll show you exactly what to do in the next step.

You’ll be coming back to WP Mail SMTP’s settings page a little later, so for the next step, open a new tab or window in your browser.


2. Creating a Web App in Your Google Account

In the new tab or window you’ve opened, log in to your Google account and open your [Google Cloud Console](#).

Note: Before continuing, be sure to sign out of all other Google accounts besides the account you’ll be using for the SMTP setup.

Also, if you're using Google Workspace, make sure that the Google account you use has permission to send emails (in other words, access to its own inbox).

If it's your first time using Google Cloud Console, you may see a popup asking you to select your country and agree to the Terms of Service. Go ahead and do so, then click on **AGREE AND CONTINUE** to move on to the next step.

 **Google Cloud Platform**

Welcome Pattie!

Create and manage your Google Cloud Platform instances, disks, networks, and other resources in one place.

Country

United States ▼

Terms of Service

☒ I agree to the [Google Cloud Platform Terms of Service](#), and the terms of service of [any applicable services and APIs](#).

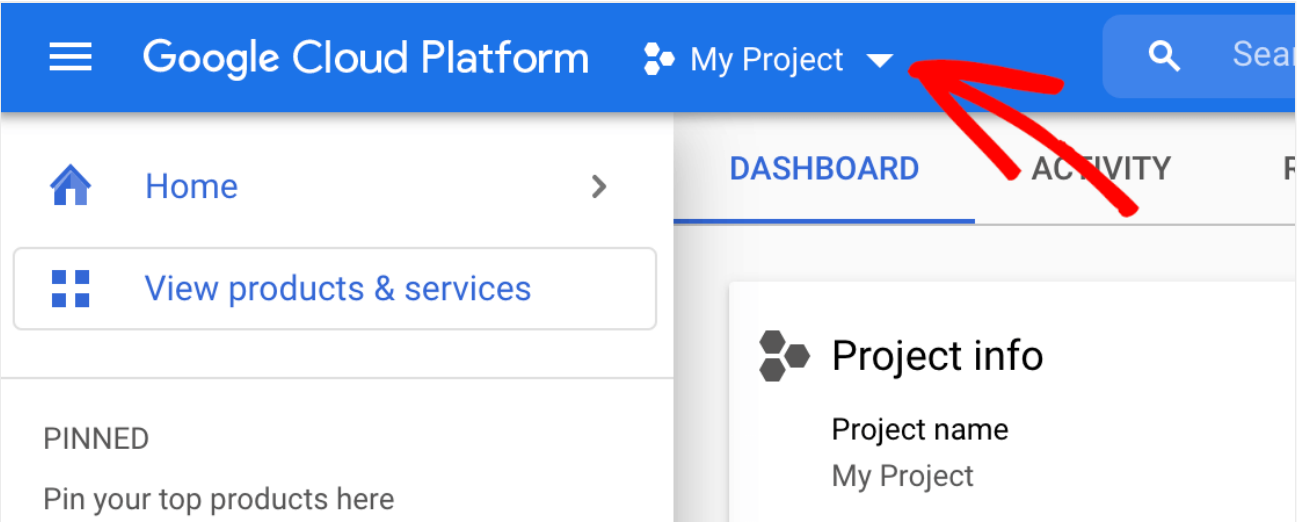
[AGREE AND CONTINUE](#)

If you've logged in to the Google Cloud Console before, you'll likely bypass the Terms of Service.

Creating or Choosing a Project

First, you'll need to choose a project to use for your app. You can select an existing one or create a new one.

To do so, click on the projects dropdown in the toolbar at the top of your dashboard.



In the popup that appears, select an existing project from the list or click on **New Project** in the top right corner.

Select from

EXAMPLE.COM

NEW PROJECT

Search projects and folders

RECENT

STARRED

ALL

	Name	ID
✓ ☆	My Project	my-project-332922
	example.com	843170733519

CANCEL

OPEN

If you selected an existing project, move on to the next step. For a new project, enter a project name and select an organization and location from the dropdowns.

New Project

Project name *

New Project

Project ID: new-project-332920. It cannot be changed later. [EDIT](#)

Organization *

example.com

Select an organization to attach it to a project. This selection can't be changed later.

Location *

example.com

BROWSE

Parent organization or folder

CREATE

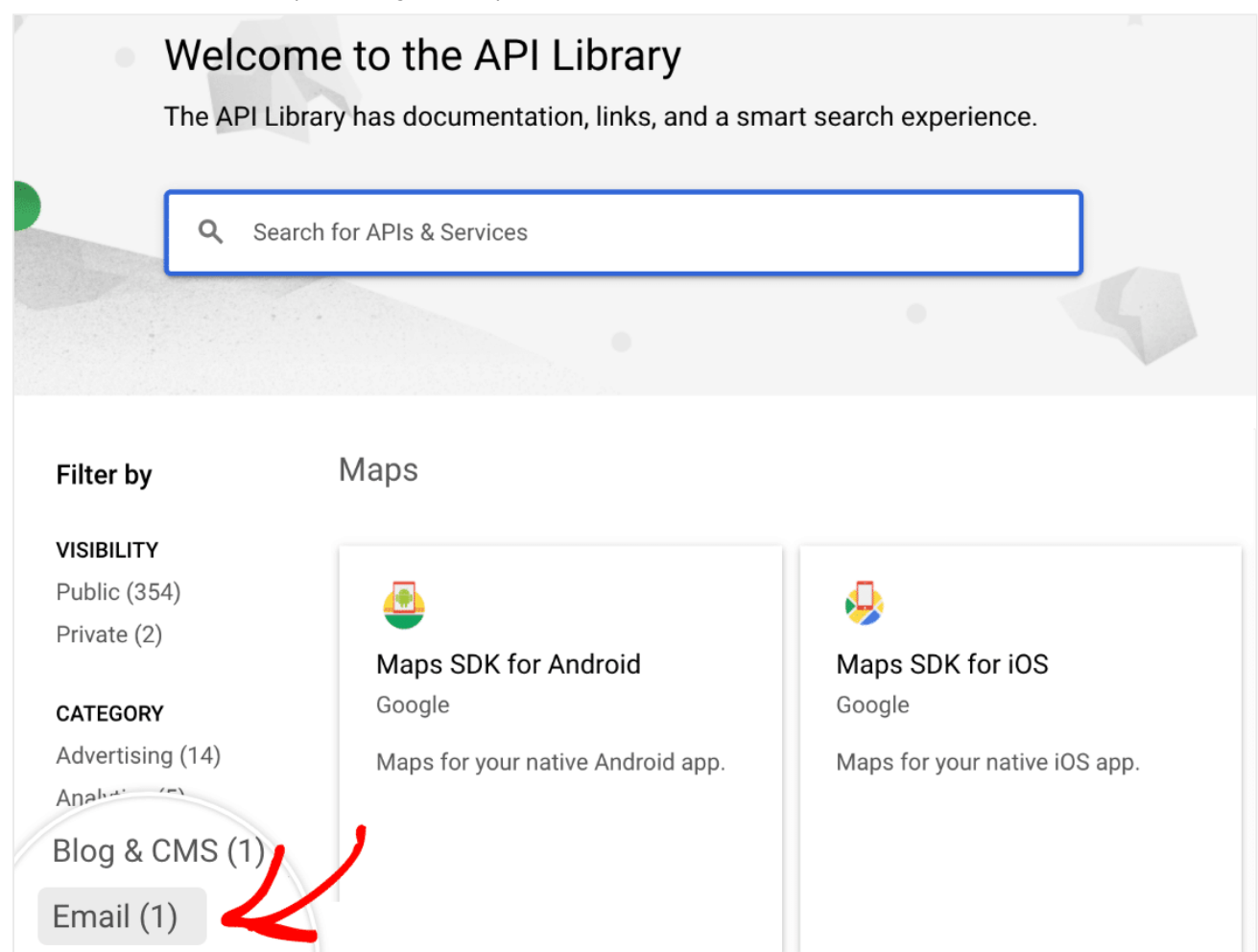
CANCEL

Then click on the **CREATE** button.

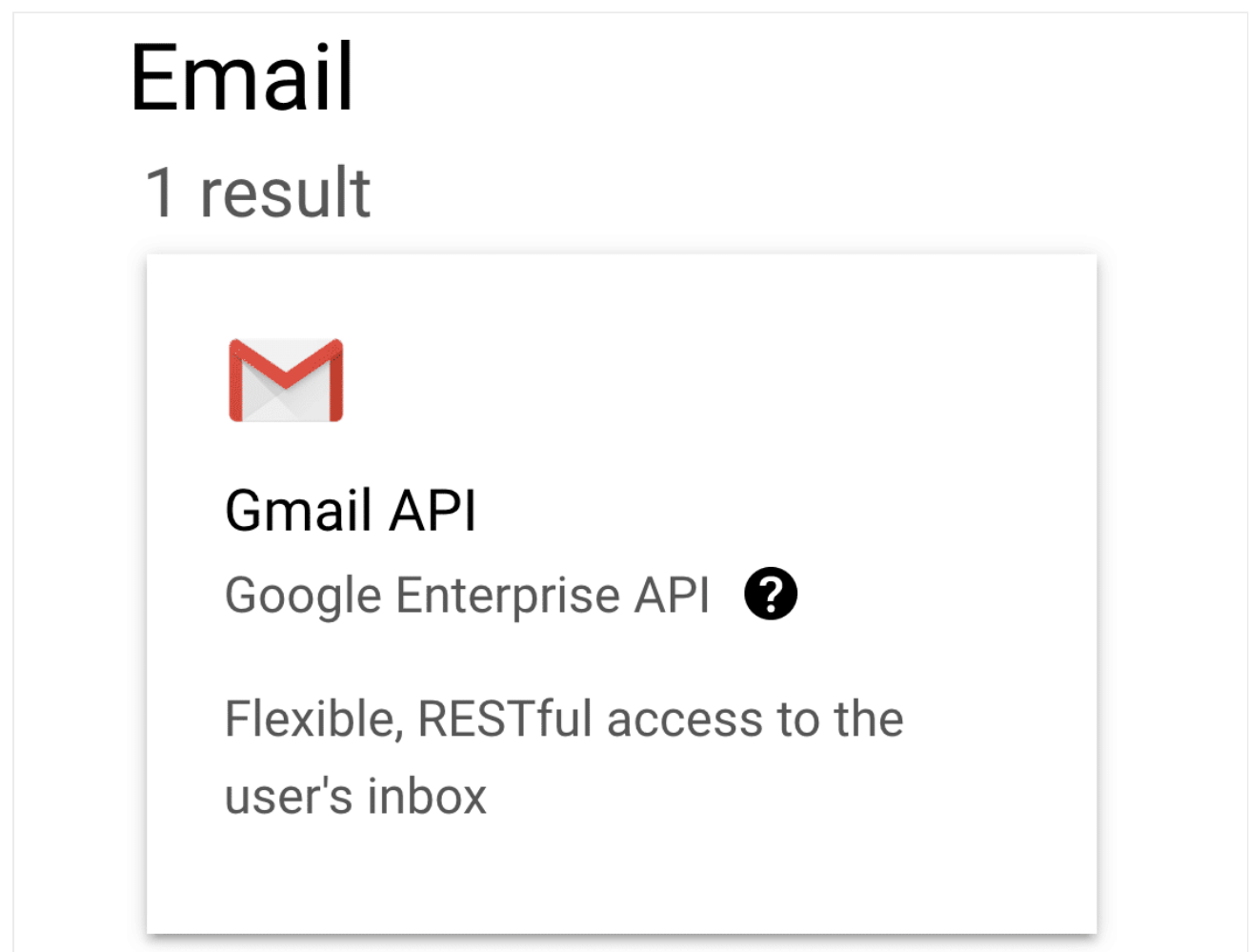
Enabling the Gmail API

Next, you need to enable the Gmail API for your project. In your Google Cloud Console sidebar, go to **APIs & Services » Library**.

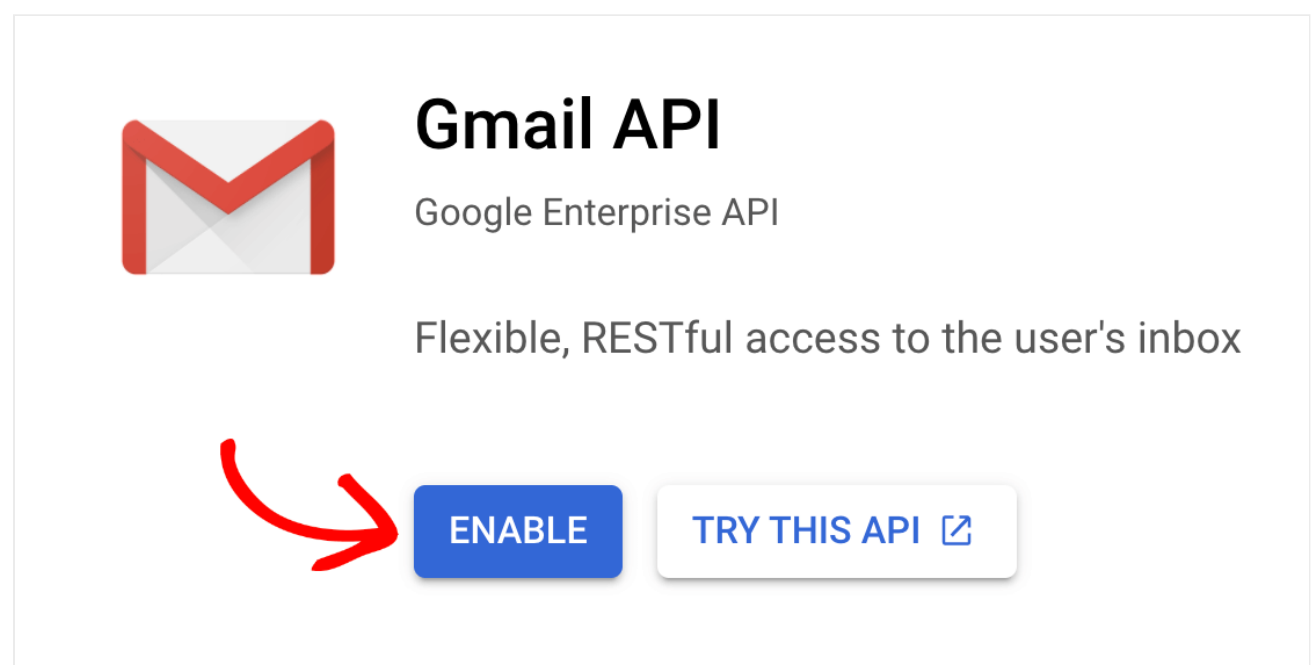
Then look under **Category** and click on **Email**, or enter “Gmail API” in the search bar.



Click on the **Gmail API** result.

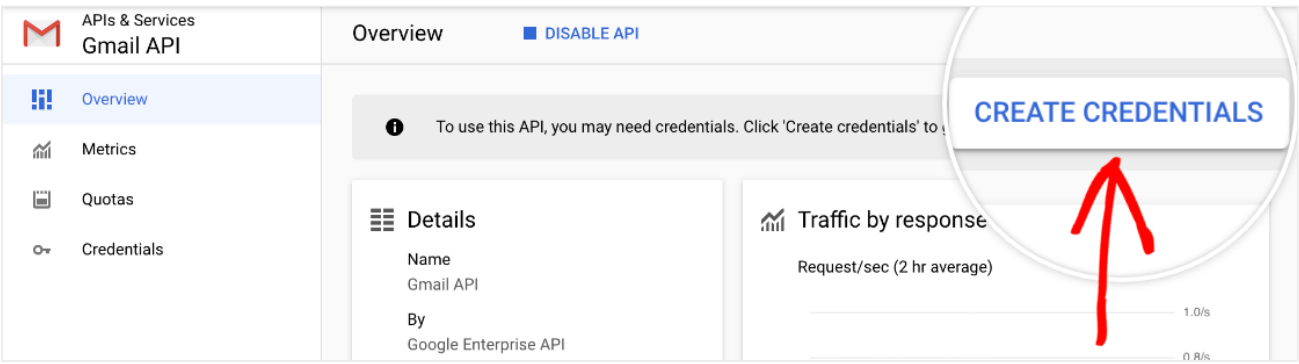


On the Gmail API page, click on the blue **Enable** button.

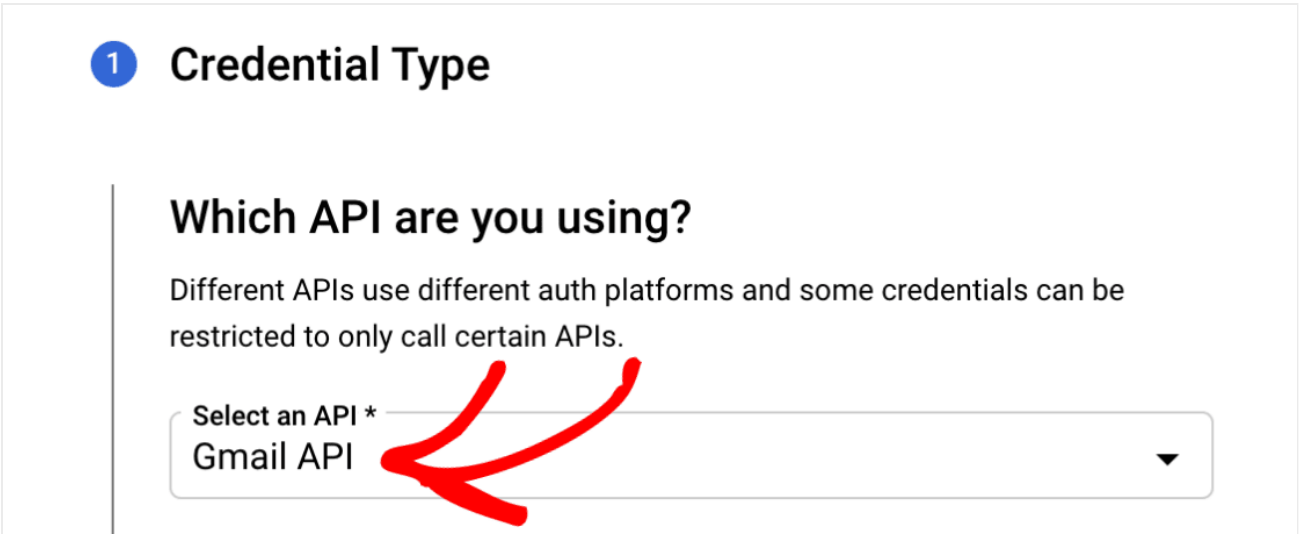


Creating Your Application’s Credentials

After you enable the Gmail API, you should be redirected to the Gmail API Overview page. Here, click on the **CREATE CREDENTIALS** button.

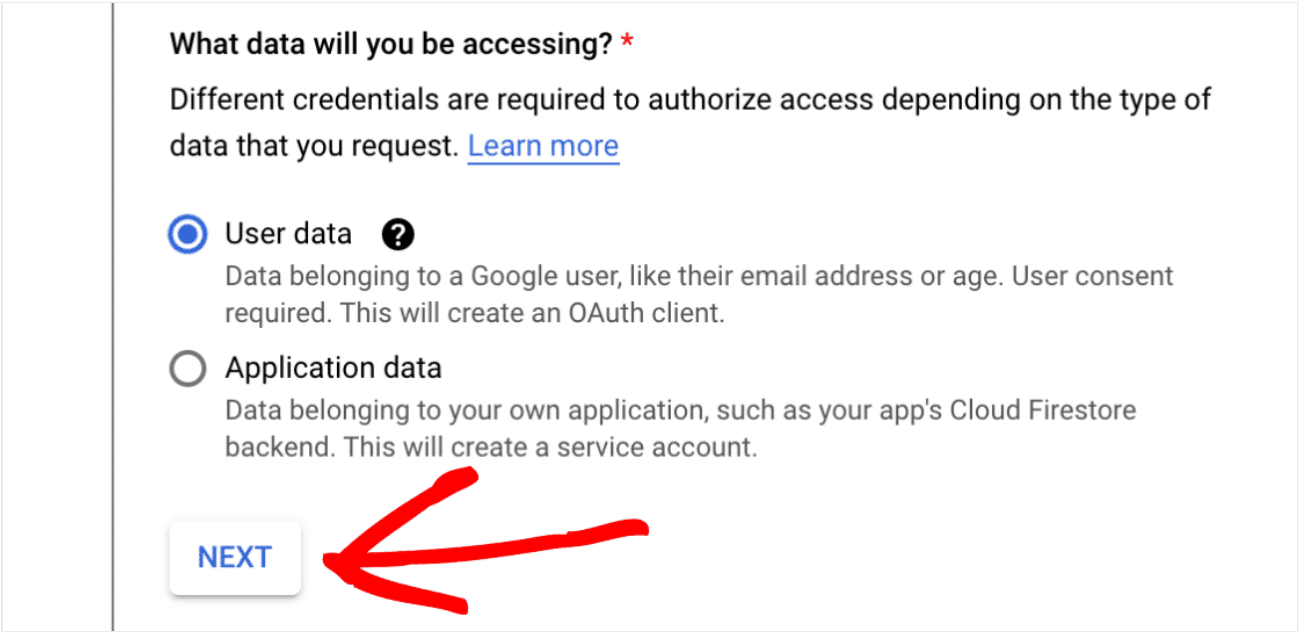


On the next page, Google will ask a few questions to determine the Credential Type you need. From the **Select an API** dropdown, choose **Gmail API**.



Note: If you don’t see an option for the Gmail API in the dropdown, be sure that you have the [Gmail API enabled](#) for your account.

Next, under **What data will you be accessing?**, select the **User data** option. Then click the **NEXT** button to proceed.



Configuring Your OAuth Consent Screen

Google will then ask for some basic information about your app.

This section is mostly for personal use since no one else will be using your app. However, some fields are still marked as required:

- **App name:** Enter an app name of your choice (e.g., Pattie’s App).
- **User support email:** Select your email address from the choices provided.
- **App logo:** If you’d like, you can upload a logo for your app. This is optional.

App information

This shows in the consent screen, and helps end users know who you are and contact you

App name *

Pattie's App

The name of the app asking for consent

User support email *

pattie@wpmailsmtp.com

For users to contact you with questions about their consent

App logo

BROWSE

Upload an image, not larger than 1MB on the consent screen that will help users recognize your app. Allowed image formats are JPG, PNG, and BMP. Logos should be square and 120px by 120px for the best results.

Finally, add your email address in the **Email addresses** field. Then click on the **SAVE AND CONTINUE** button to proceed to the next step.

Developer contact information

Email addresses *

pattie@wpmailsmtp.com

These email addresses are for Google to notify you about any changes to your project.

SAVE AND CONTINUE

Configuring Scopes (Optional)

This is an optional step that we will be skipping for this tutorial. Scroll down to the end of the **Scopes** section and click on the **SAVE AND CONTINUE** button to proceed.

Your restricted scopes

Restricted scopes are scopes that request access to highly sensitive user data.

API	Scope	User-facing description
No rows to display		

SAVE AND CONTINUE

Note: For more information on Gmail API scopes, please see Google's [developer documentation](#).

Setting Up Your OAuth Client ID

Next, you'll need to fill out some information about your OAuth Client ID.

From the **Application type** dropdown, select the **Web application** option. Once you do so, more fields will automatically populate.

4

OAuth Client ID

A client ID is used to identify a single app to Google's OAuth servers. If your app runs on multiple platforms, each will need its own client ID. See [Setting up OAuth 2.0](#) for more information. [Learn more](#) about OAuth client types.

Application type *

Web application

You can leave the **Name** field as the default value or change it to something more relevant. For this example, we'll keep the default name, **Web client 1**.

4

OAuth Client ID

A client ID is used to identify a single app to Google's OAuth servers. If your app runs on multiple platforms, each will need its own client ID. See [Setting up OAuth 2.0](#) for more information. [Learn more](#) about OAuth client types.

Application type *

Web application

Name *

Web client 1

The name of your OAuth 2.0 client. This name is only used to identify the client in the console and will not be shown to end users.

Next, skip the **Authorized JavaScript origins** section and scroll to **Authorized redirect URIs**.

Click on the + **ADD URI** button and input the following:
`https://connect.wpmailsmtp.com/google/` . You can also copy this value from your WP Mail SMTP settings and paste it here if you prefer.

Authorized redirect URIs ?

For use with requests from a web server

URIs *

https://connect.wpmailsmtp.com/google/

+ ADD URI

Then click on the **CREATE** button to complete this step.

Authorized redirect URIs

For use with requests from a web server

URIs *

<https://connect.wpmailsmtp.com/google/>

[+ ADD URI](#)

CREATE

CANCEL

Once your app has been created, the **Your Credentials** section will expand to show you your Client ID. There's no need to copy it now, as you'll access it from another area in a later step.

Instead, go ahead and click the **DONE** button at the bottom of the page.

5 Your Credentials

Download your credentials

Download this credential information in JSON format. This is always available for you on the [credentials page](#).

Client ID

[661155589425-4d4b1a14b1561c15249e1c4f99e8f733](#) 

 DOWNLOAD

Your OAuth consent screen has been configured and your app has a publishing status of "Testing". This means it can be used by a limited set of test users, which you can set up on the [OAuth consent screen page](#).

If you want to make your app generally available to all users, you will need to set the publishing status to "In production". You will also need to [submit your app](#) for verification, which can take up to 4-6 weeks (depending on which OAuth scopes your app uses).

DONE

CANCEL

3. Updating the Publishing Status From Testing to Production

Google will put your app into Internal mode by default. It's really important that you switch it to External mode and publish it. Otherwise, your app will be super limited and won't function properly.

In your Google Cloud Console sidebar, go to **APIs & Services » OAuth consent screen**. Under **User Type**, click on the **Make External** button.

Pattie's App EDIT APP

User type

Internal 

MAKE EXTERNAL



In the popup window that appears, select the **In production** option. Then click on **CONFIRM**.

Make external?

Please choose the publishing status of your external app.

Publishing status

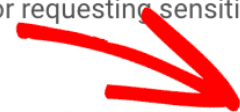
☐ Testing 

Apps still in development. Your app will only be available to users you add to the list of test users.

☒ In production 

Apps ready for the public. Your app will be available to anyone with a Google Account. You do not need to submit your app for verification. If you change your app's configuration in the future, like adding more than 10 domains, uploading a logo, or requesting sensitive or restricted scopes, you will need to [submit for verification](#).

CANCEL CONFIRM



Once confirmation is complete, you'll see that your app's Publishing status is now **In production**.

Publishing status

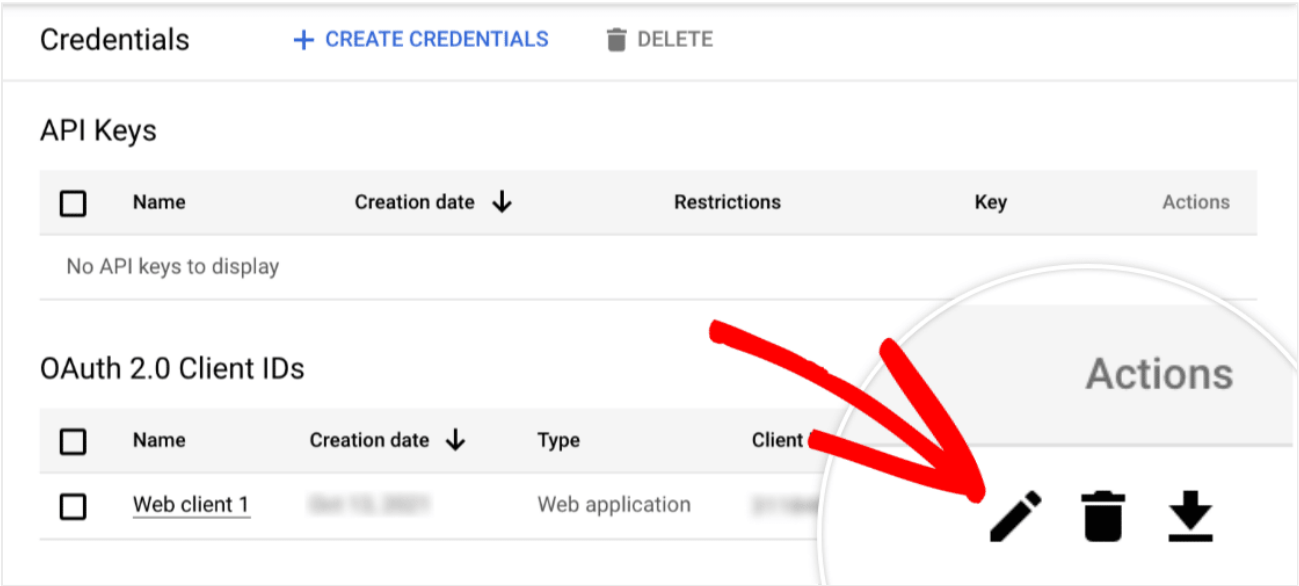
In production

BACK TO TESTING

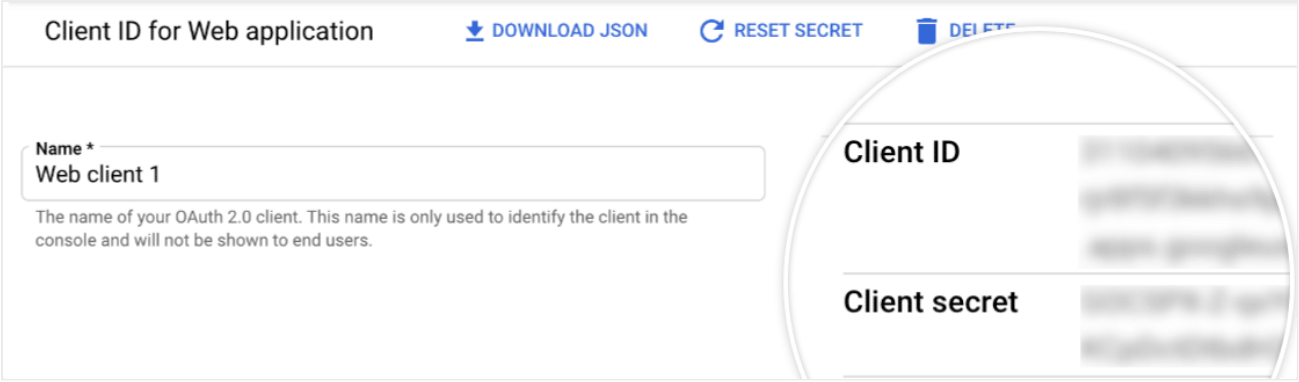
4. Granting Your Site Google / Gmail Permissions

Next, click on **Credentials** in the left side menu.

Once you're on the Credentials page, in the **OAuth 2.0 Client IDs** section you can see the details of the web application you just created. To view the **Client ID** and **Client Secret**, click the pencil icon.



This will open all of the details for your app. On the right side of this page, you’ll see the **Client ID** and **Client secret** values.



Go ahead and copy both of these values into the corresponding fields in your WP Mail SMTP settings.

Google / Gmail

Our Gmail mailer works with any Gmail or Google Workspace account via the Google API. You can send WordPress emails from your main email address or a Gmail alias, and it's more secure than connecting to Gmail using SMTP credentials. The set-up steps are more technical than other options, so we created a detailed guide to walk you through the process.

To get started, read our [Gmail documentation](#).

Client ID

Client Secret

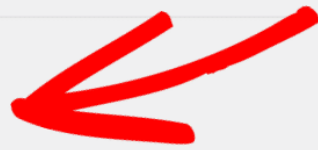
Note: Be very careful not to copy any extra text or spaces with your Client ID or Client Secret, as this will result in an error in the next step.

Once you’ve added these values, click the **Save Settings** button at the bottom of the page.

Authorization

You need to save settings with Client ID and Client Secret before you can proceed.

Save Settings



After saving your settings, the page will refresh. You must grant permission before Google allows our plugin to use your Gmail API to send emails.

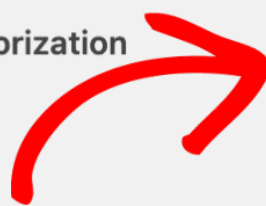
To do this, scroll to the bottom of the WP Mail SMTP settings page and click the button labeled **Allow plugin to send emails using your Google account**.

Authorization

Allow plugin to send emails using your Google account

Click the button above to confirm authorization.

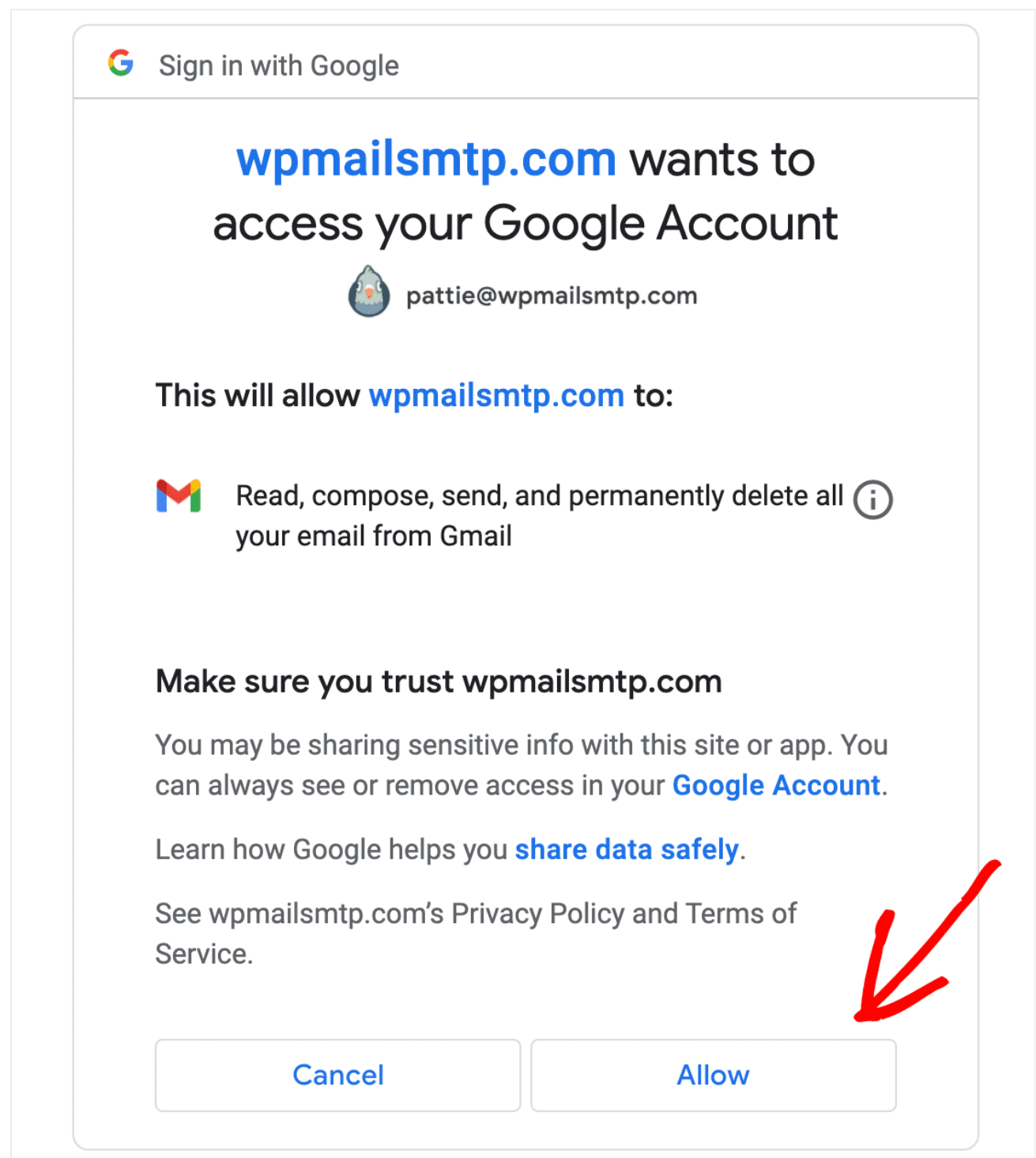
Save Settings



This will open a login screen for Google. Go ahead and log in to the account you're setting up SMTP with.

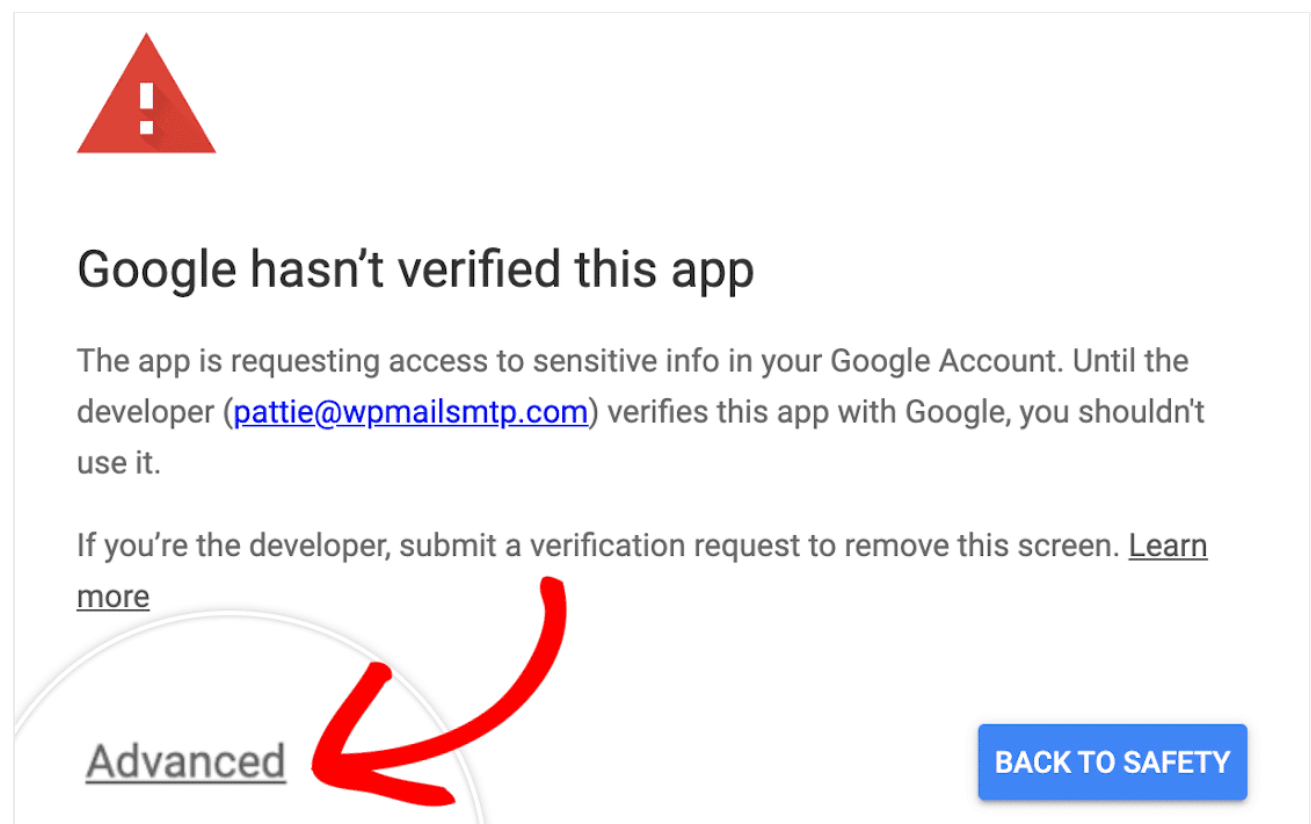
Next, you'll see a screen asking for permission for this site to send emails on your behalf.

When you're ready, click the **Allow** button to proceed.

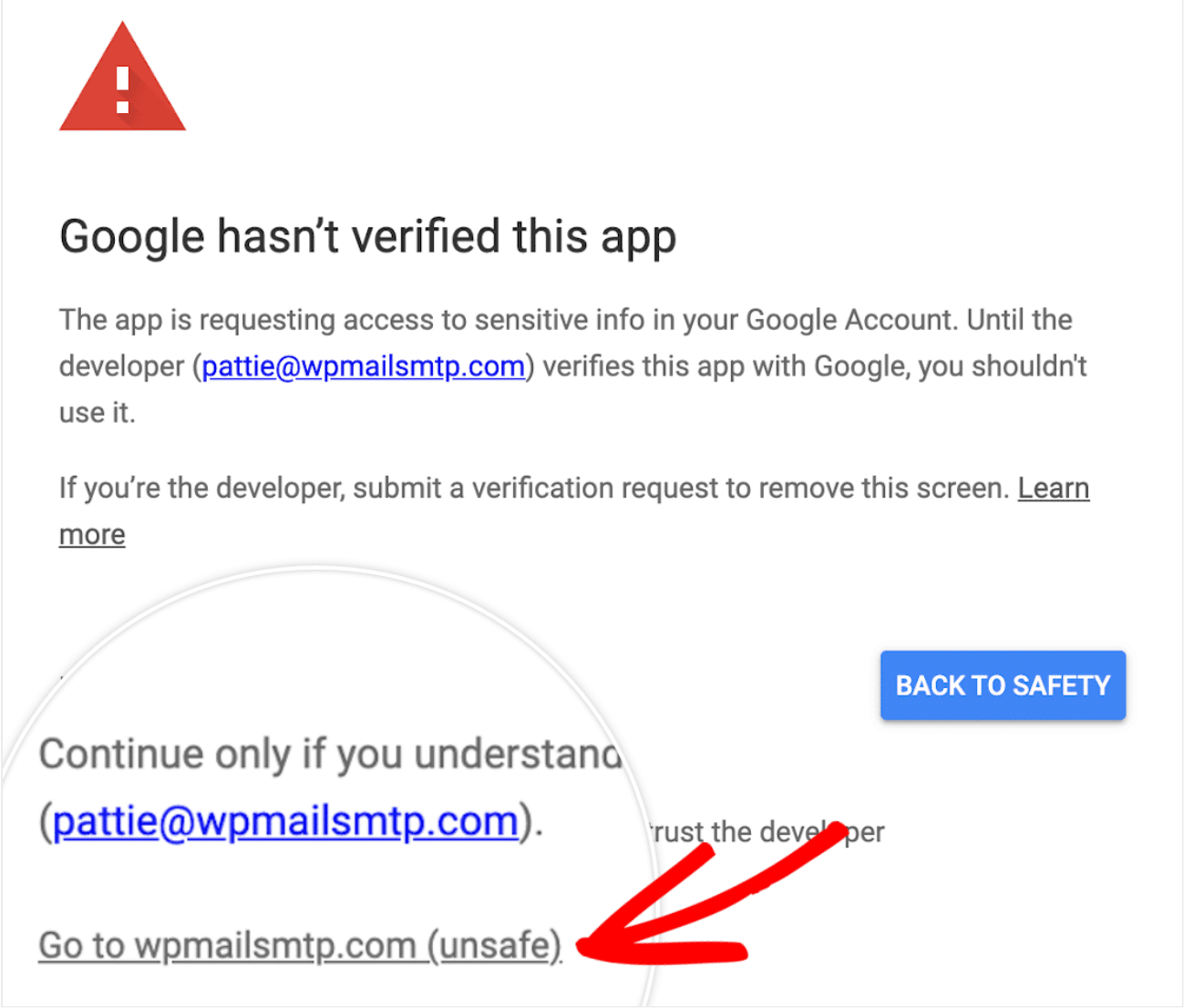


Bypassing Google's Verification Warning (Free Gmail Users Only)

If you are connecting with a free Gmail account you might see the following screen. Go ahead and click on the **Advanced** link in the bottom left corner.



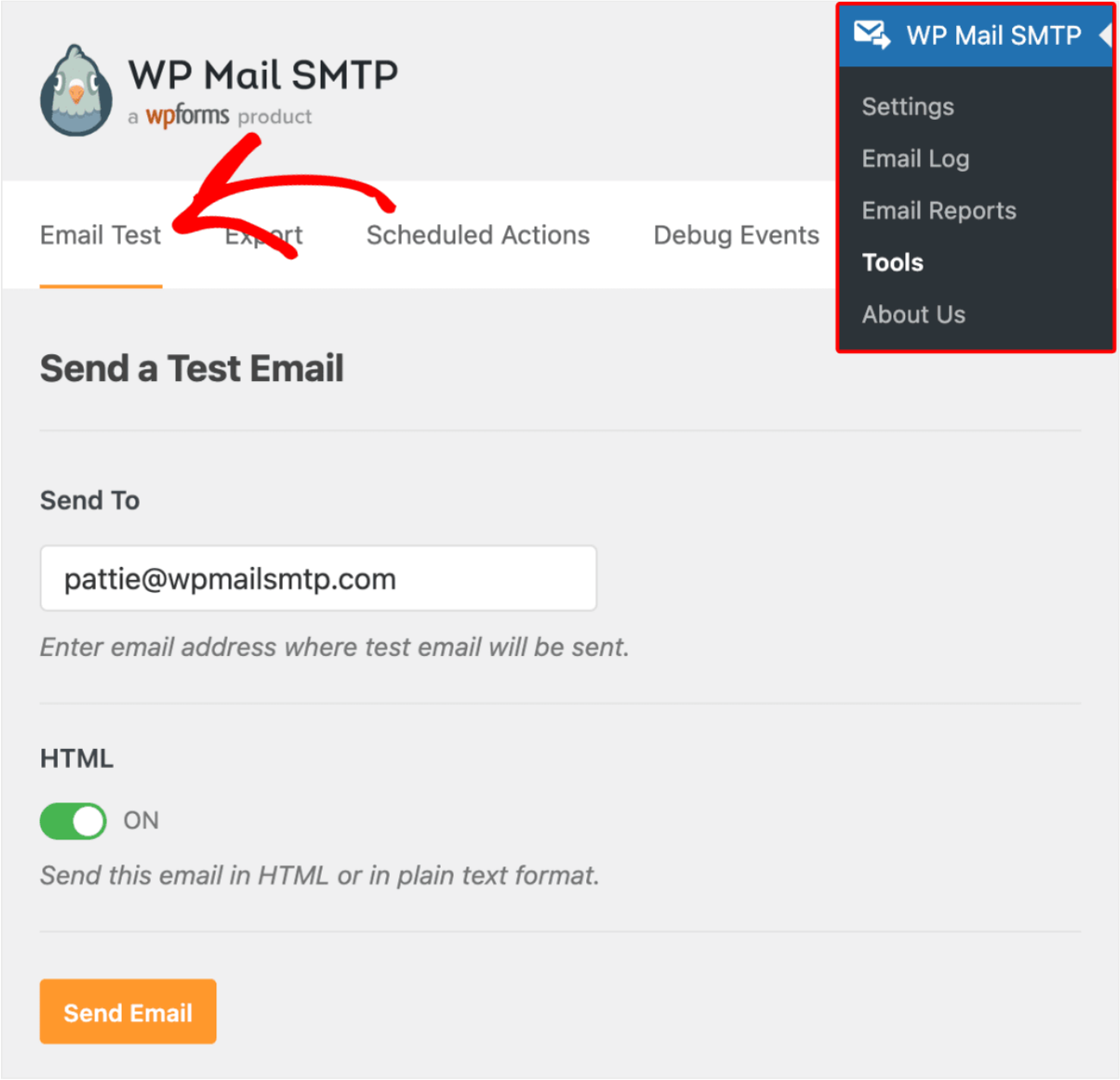
In the expanded section, click on **Go to wpmailsmtp.com (unsafe)**. Don't worry, Google only displays this warning because it hasn't verified your app. There is no need to verify it since you created this app just for your own use.



Then click on the **Allow** button as shown above.

5. Sending a Test Email

Next, you'll be returned to your WP Mail SMTP settings and a success message will be displayed. Once the connection is complete, you're ready to send a test email. To do so, navigate to **WP Mail SMTP » Tools** and open up the **Email Test** tab.



Once the Email Test tab is open, you'll need to enter an email address whose inbox you have access to. Unless you're sure you'll only send plain text emails from your site, we recommend

leaving the **HTML** setting **ON**. Then click the **Send Email** button.

Send a Test Email

Send To

Enter email address where test email will be sent.

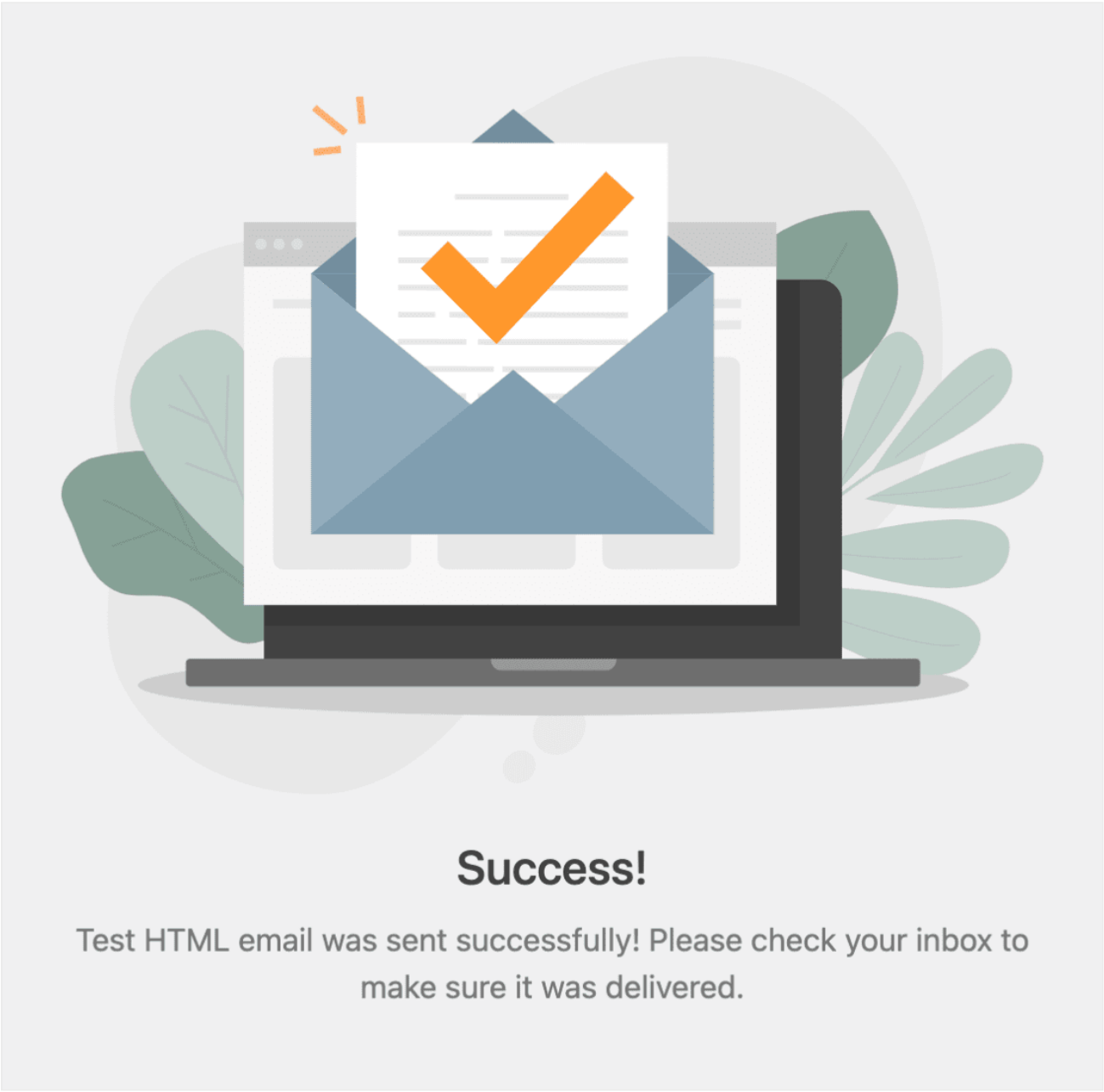
HTML

☒ ON

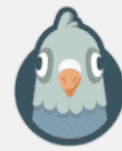
Send this email in HTML or in plain text format.

Send Email

When the test email has been sent, you'll see a success message.



You should also soon receive the test email at the email address you entered.



WP Mail SMTP
a **wpforms** product



Congrats, test email was sent successfully!

Thank you for trying out WP Mail SMTP. We're on a mission to make sure that your emails actually get delivered.

Jared Atchison
Co-Founder, WP Mail SMTP

Frequently Asked Questions

These are some of the top questions we receive about setting up the Google Workspace / Gmail mailer.

What if the test email doesn't send successfully?

If the SMTP test email isn't able to send, a debug log will appear with additional details. Here are some of the possible error messages and how to resolve them.

```
401. That's an error.  
Error: invalid_client
```

This error appears when the Client ID isn't able to be read properly. To fix it, try copying and pasting your Client ID again and check that there's no whitespace or extra text.

```
400. That's an error.  
Error: invalid_request  
Missing required parameter: client_id
```

This error will display when the Client ID field is empty or not able to be read properly. To fix it, try copying and pasting your Client ID again and check that there's no whitespace or extra text.

```
cURL error 60: SSL certificate problem
```

This message means that the server is missing a certificate that's required for SMTP to work. To fix this, you'll need to contact your site's hosting provider to ask them to install this certificate (most likely the cacert.pem certificate, though it's best to ask your host to check).

```
"code": 401,  
"message": "Login Required"
```

If you see this in the debug message, you still need to grant permission for WP Mail SMTP to access your Google account. For instructions on how to fix this, please see [Step 4](#) of this tutorial. Also, be sure to check that the From Email in your SMTP settings matches the email used to set up your Google app.

Request Entity Too Large

Error 413

If you're seeing this error, it's likely that files being sent through your forms exceed Gmail's limit for direct file attachment in emails. This limit is applied to the sum of the message's text as well as the encoded attachment. To prevent this error, you'll need to make sure that all files are no larger than 22 MB.

There was a problem while retrieving Auth for gmail: Could not json decode the token

This error is a possible indicator that another plugin (such as UpdraftPlus) is loading a different version of Google's API on the site, creating a conflict. If possible, the conflicting plugin should be deactivated. Otherwise, it's recommended that you [set up a different mailer](#).

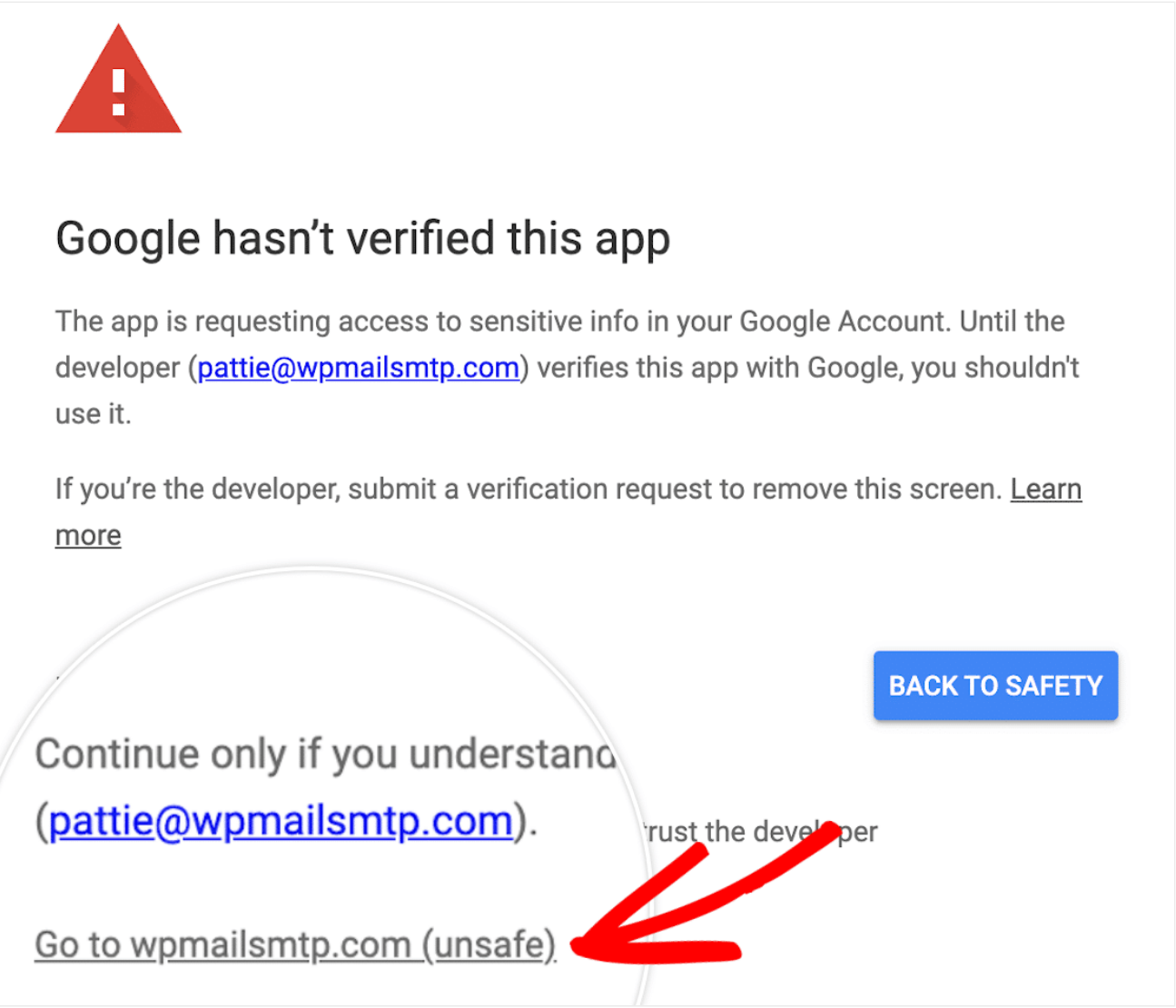
If none of the above apply, or the test email still isn't working, your Google account may have the Gmail API disabled. To check on this, follow [Google's guide to enabling an API](#).

What if I see a screen that says "This app isn't verified"?

When you click the **Allow plugin to send emails using your Google account** button in your WP Mail SMTP settings, Google might display a screen that says, "This app isn't verified. This app hasn't been verified by Google yet. Only proceed if you know and trust the developer."

There's no need to worry, though. This message is only referring to the app that you created in your own Google account, so you are actually the developer in this case.

To bypass this message, click **Advanced** and then click **Go to wpmailsmtp.com (unsafe)**.

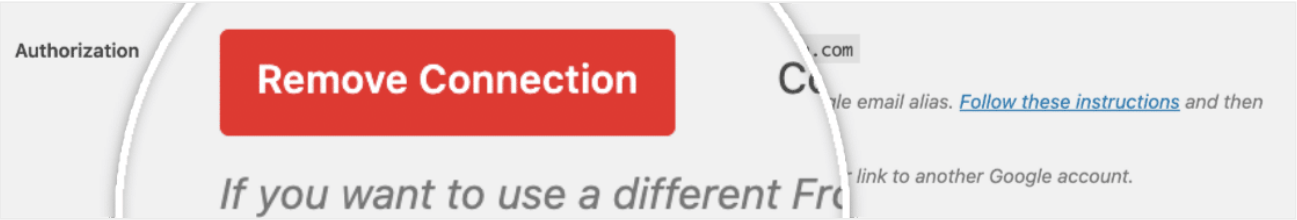


What if I want to switch to a different email later?

If you'd like to change to a different Gmail or Google Workspace email address, you'll need to repeat all the tutorial steps above. This includes generating a new Client ID and Client Secret under this other email account.

When you get to the Authorization step ([Step 4](#)), save your settings and click the **Remove Connection** button. This will remove the authorization for your original email account and

allow you to repeat the authorization steps with your new email.



Does the Google Workspace / Gmail mailer support aliases?

Yes, as of July 2020, WP Mail SMTP supports Gmail aliases. For more details on how to set up an alias in Google, check out its guide on [how to send emails from an alias](#).

Can I use the Google Workspace / Gmail mailer if I have 2 Factor Authentication (2FA) enabled on my Google account?

You can definitely use 2 Factor Authentication with WP Mail SMTP’s Google Workspace / Gmail option. However, it’s important to note that if you choose to disable 2FA, or change the password on your account, you’ll need to go through the [setup process](#) again.

When authorizing my app, I get the following error message:

Error 403: access_denied. The developer hasn’t given you access to this app.

This message means that your app’s permissions are set to the testing mode in Google Cloud.

To fix this, be sure to [switch the mode from testing to production](#) and try authorizing your app one more time.

If I change my password, will I need to reconnect?

Yes, if your password is changed, the existing connection will be invalidated. To fix this, you will need to create a new connection, using your new credentials.

Do I need to submit my app to Google for verification in order for it to work with WP Mail SMTP?

It isn’t required for you to submit your app for verification. However, you’re welcome to do so if you’d like. If you choose to submit your app for verification, you can continue the [authorization process in WP Mail SMTP](#) without waiting for Google’s verification.

That’s it! Now you know how to set up WP Mail SMTP’s Google Workspace / Gmail mailer on your WordPress site.

Next, would you like to know how to effectively troubleshoot issues in WP Mail SMTP? Be sure to check out our tutorial on [troubleshooting WP Mail SMTP](#) for more details.

Still stuck? [How can we help?](#)

Last Updated on May 19, 2022

Solve Your Email Deliverability Problems
Use your favorite SMTP provider to reliably send your WordPress emails

Get WP Mail SMTP Pro

- About Us
- Contact
- Affiliates
- News
- Press
- FTC Disclosure

Top Features

- White Glove Setup
- WordPress Email Log
- Manage Notifications
- Mailgun Integration
- Gmail / Google Workspace Integration
- Microsoft Integration
- SendGrid Integration
- Amazon SES Integration

Our Brands

- WPForms
- OptinMonster
- MonsterInsights
- WPBeginner
- IsItWP
- SeedProd
- All in One SEO

Helpful Links

- Support
- Documentation
- Plans & Pricing
- WordPress Hosting
- Start a Blog
- Make a Website

Connect With Us



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