



WP Mail SMTP Documentation

Documentation, Reference Materials, and Tutorials for WP Mail SMTP

Q

Ask a question or search the docs...

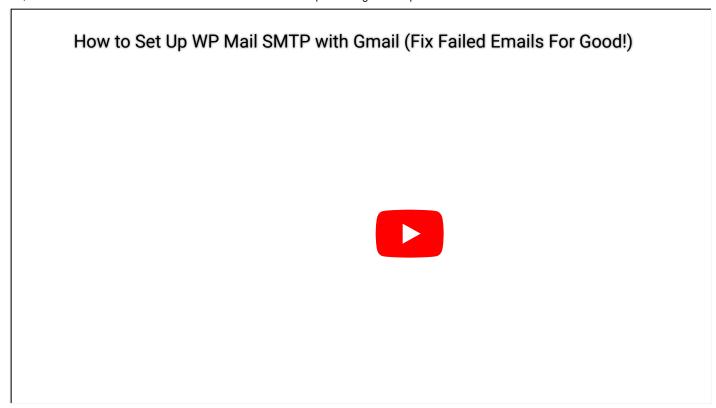
Google Workspace / Gmail

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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 - Setting Up Your OAuth Client ID
- 3. Updating the Publishing Status From Testing to Production
- 4. Granting Your Site Google / Gmail Permissions
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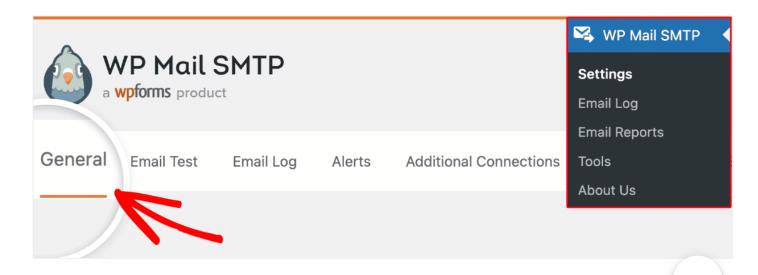




1. Installing and Configuring the WP Mail SMTP Plugin

Before getting started, you'll need to install and activate the WP Mail SMTP plugin.

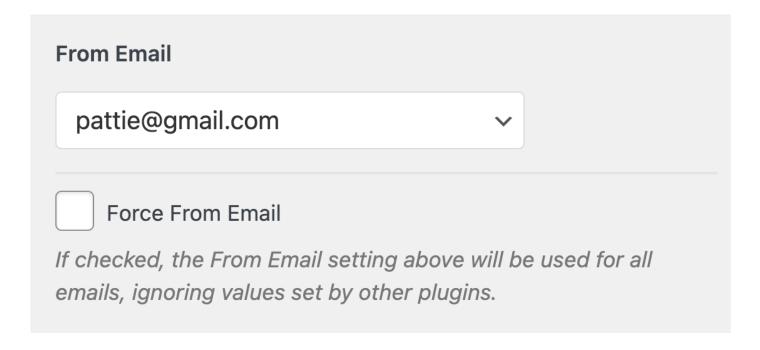
Once you've <u>verified your license</u>, you're ready to configure the plugin's settings. You can find them by going to **WP Mail SMTP** » **Settings** and looking under the **General** tab.



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 <u>aliases</u> you've configured) from the dropdown that appears after you connect your site to the Gmail API in later steps.



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.

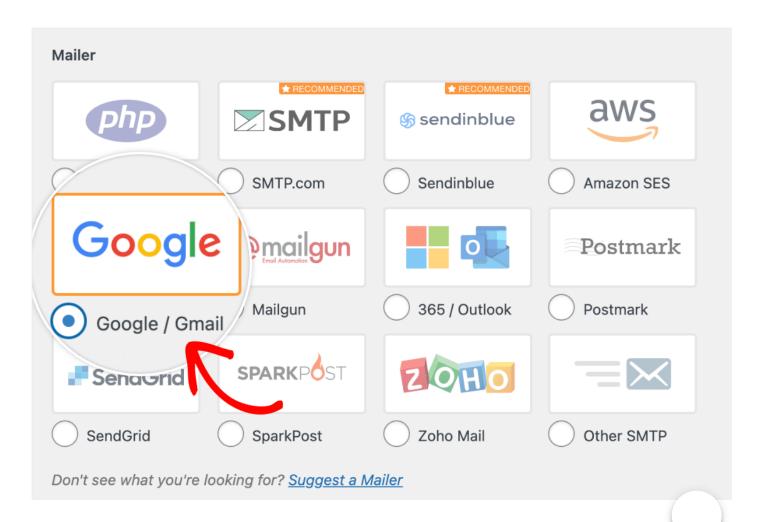
You can also check the Force From Name option to apply this setting site-wide.



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.

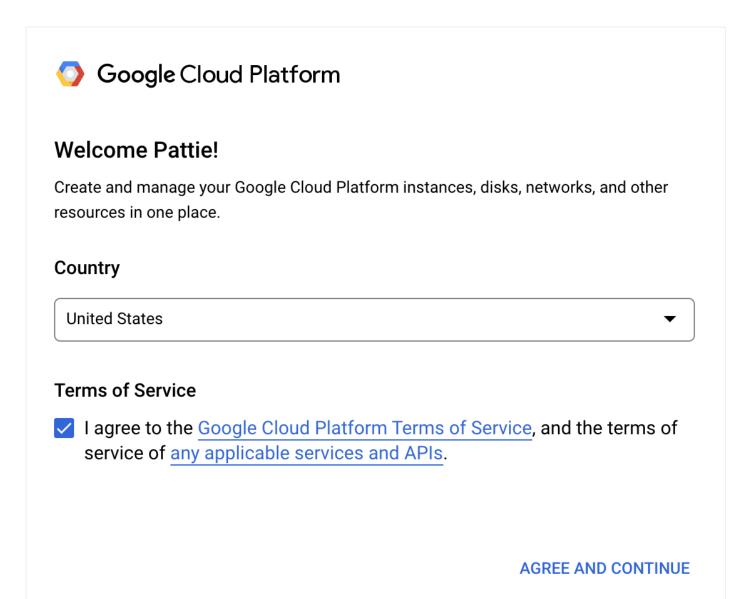
2. Creating a Web App in Your Google Account

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 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.

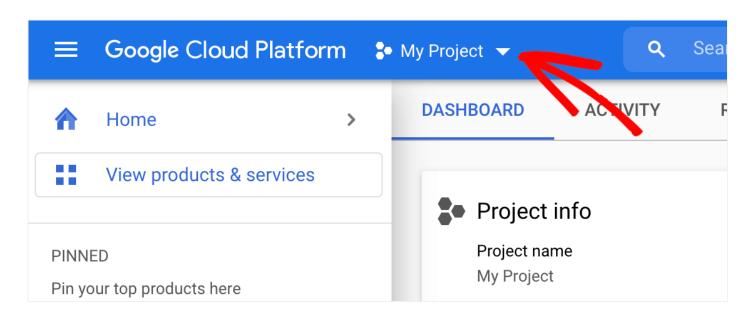


If you've logged in to the Google Cloud Console before, you'll likely bypass the Terms of Service.

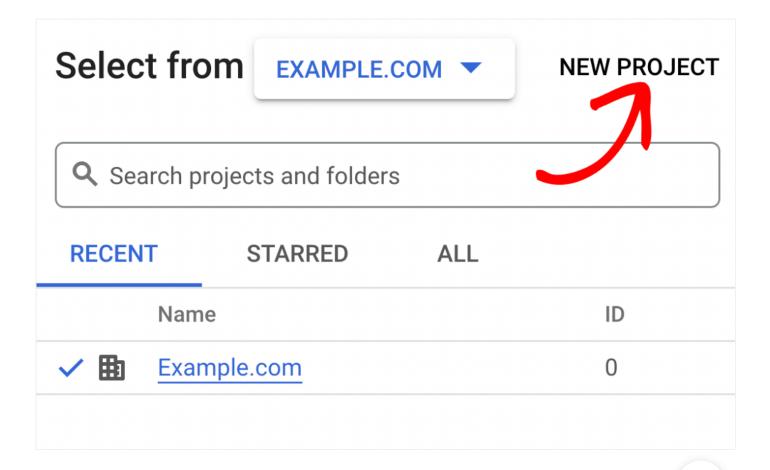
Creating or Choosing a Project

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

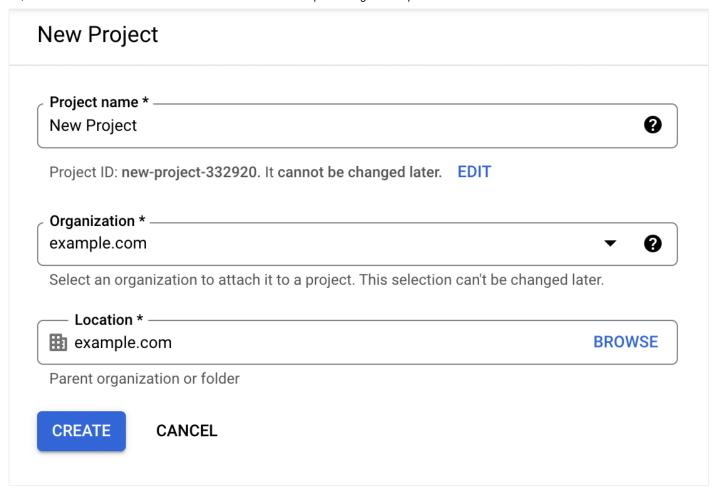
To do so, click on the projects dropdown in the toolbar at the top of your dashboard.



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



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

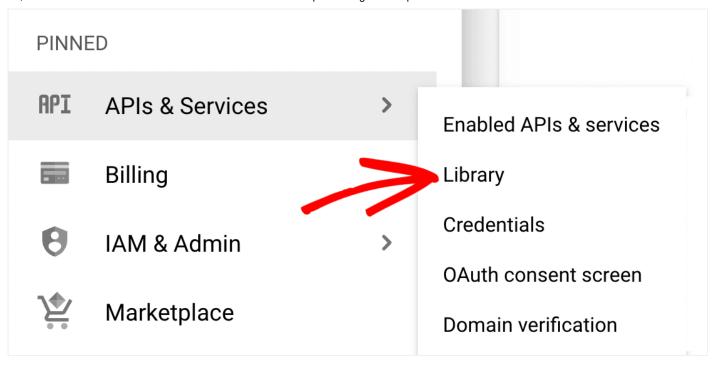


Then click on the **CREATE** button.

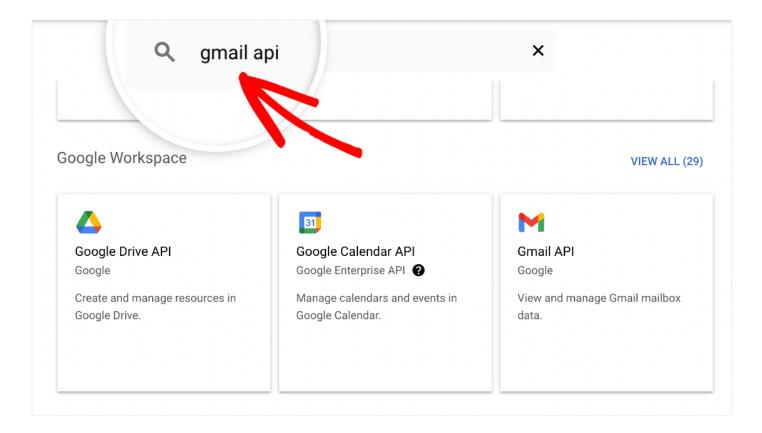
Enabling the Gmail API

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



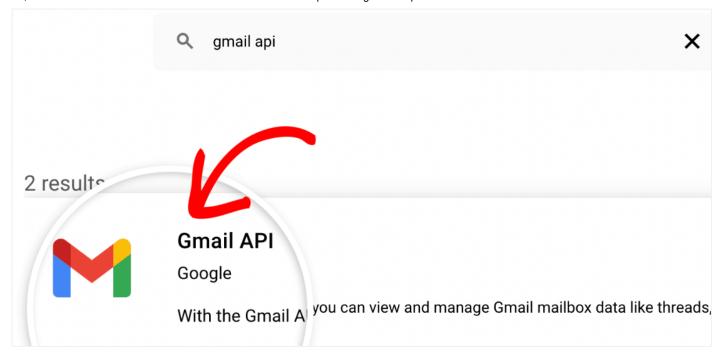


Then look under Category and click on Google Workspace, or enter "Gmail API" in the search bar.

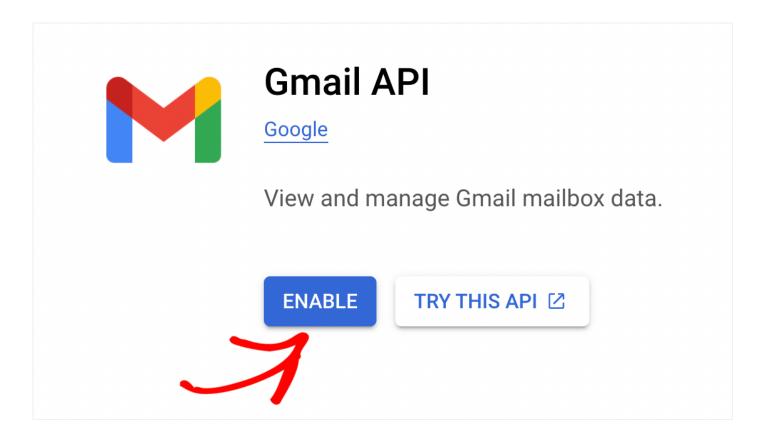


Click on the Gmail API result.



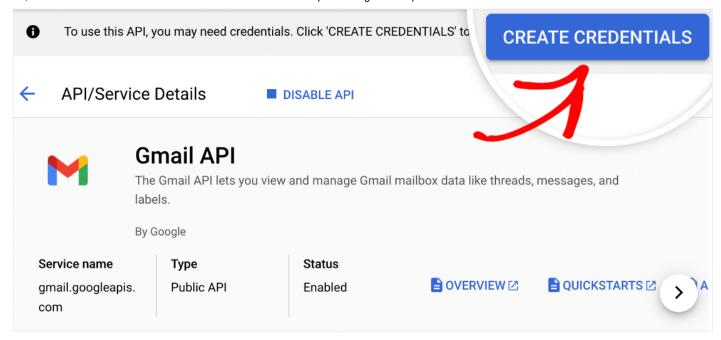


On the Gmail API page, click on the blue **ENABLE** button.

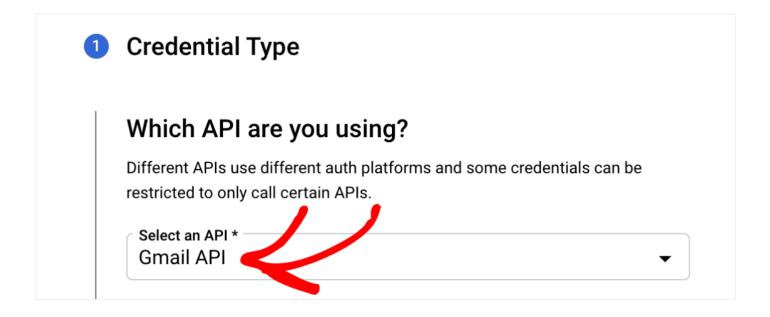


Creating Your Application's Credentials

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

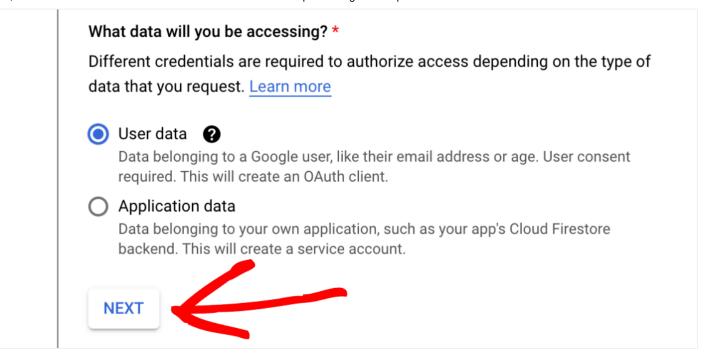


On the next page, Google will ask a few questions to determine the Credential Type you need. From the **Select an API** dropdown, choose **Gmail API**.



Note: If you don't see an option for the Gmail API in the dropdown, be sure that you have the <u>Gmail API enabled</u> for your account.

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



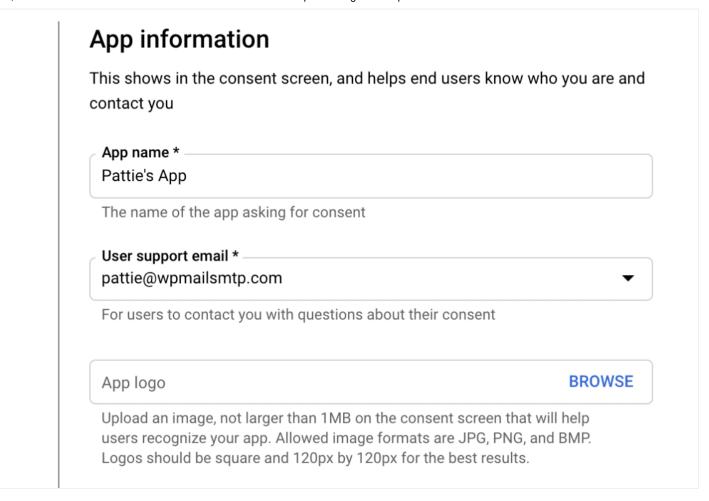
Configuring Your OAuth Consent Screen

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

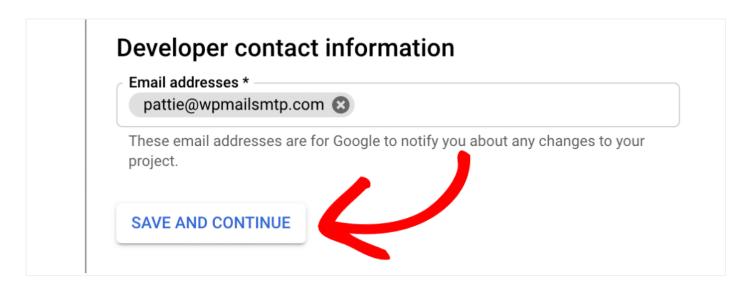
This section is mostly for personal use since no one else will be using your app. However, some fields are still marked as required:

- 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.



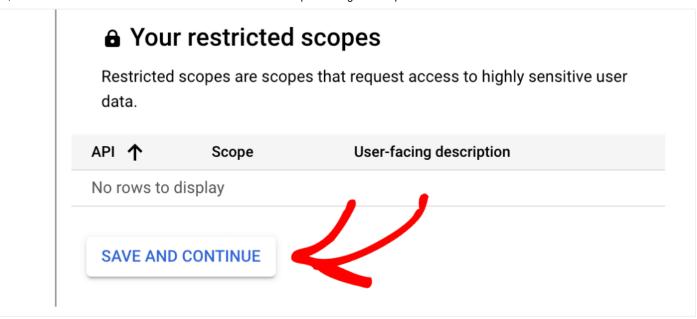


Finally, add your email address in the **Email addresses** field. Then click on the **SAVE AND CONTINUE** button to proceed to the next step.



Configuring Scopes (Optional)



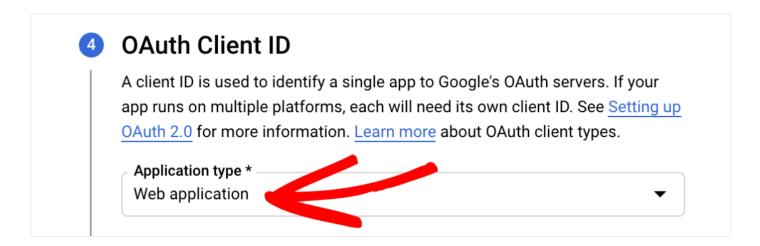


Note: For more information on Gmail API scopes, please see Google's developer documentation.

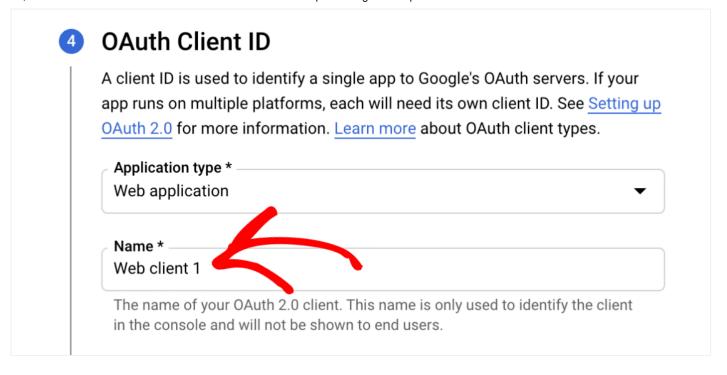
Setting Up Your OAuth Client ID

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.

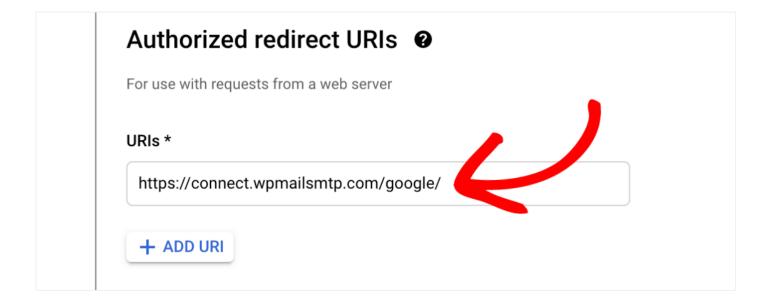


You can leave the **Name** field as the default value or change it to something more relevant. For this example, we'll keep the default name, **Web client 1**.



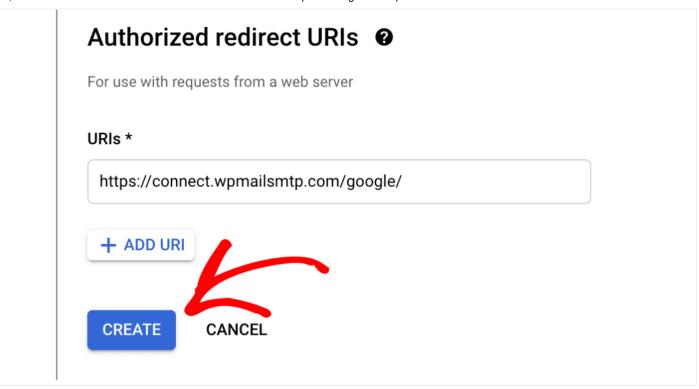
Next, skip the **Authorized JavaScript origins** section and scroll to **Authorized redirect URIs**.

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.



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





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.





Download your credentials

Download this credential information in JSON format. This is always available for you on the credentials page.





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.

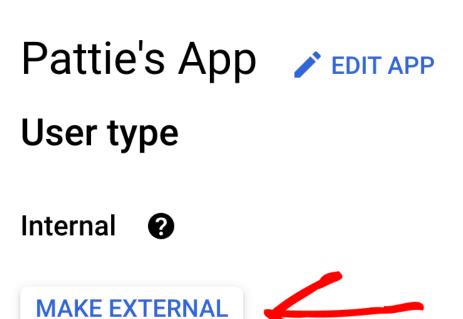
If you want to make your app generally available to all users, you will need to set the publishing status to "In production". You will also need to submit your app for verification, which can take up to 4-6 weeks (depending on which OAuth scope uses).



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 Utype, click on the MAKE EXTERNAL button.



Note: Only users within your organization can access your app if the **User type** is set to **Internal**. For example, if your Workspace domain is **example.com**, users can only access your app using an **@example.com** email address.

External email addresses will see an error that reads Error 403: org_internal when granting WP Mail SMTP access to your app.

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

O Testing 2

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.

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

Publishing status @

In production

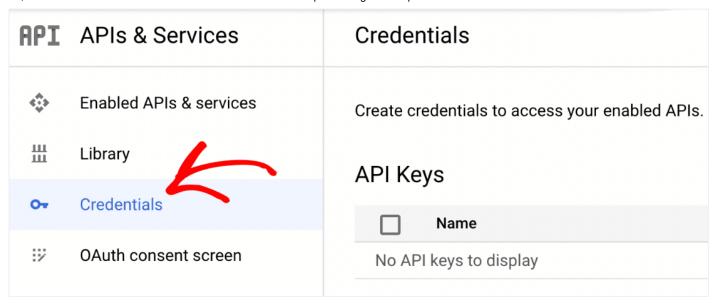
BACK TO TESTING

4. Granting Your Site Google / Gmail Permissions

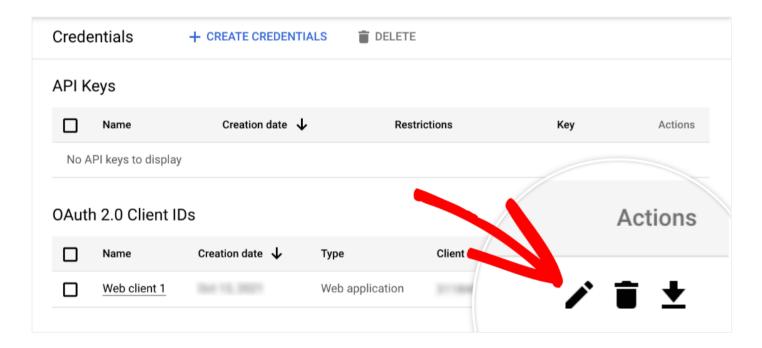
Next, click on Credentials in the left side menu.



CONFIRM



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 <u>Gmail documentation</u> .
Client ID
Oliont Coord
Client Secret

Note: Be very careful not to copy any extra text or spaces with your Client ID or Client Secret, as 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.

Backup Connection

Don't worry about losing emails. Add an additional connection, then set it as your Backup Connection. Emails that fail to send with the Primary Connection will be sent via the selected Backup Connection. <u>Learn More</u>.

Backup Connection



None

Once you add an additional connection, you can select it here.





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





Click the button above to confirm authorization.

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.





wpmailsmtp.com wants to access your Google Account



pattie@wpmailsmtp.com

This will allow wpmailsmtp.com to:



Read, compose, send, and permanently delete all j your email from Gmail

Make sure you trust wpmailsmtp.com

You may be sharing sensitive info with this site or app. You can always see or remove access in your Google Account.

Learn how Google helps you share data safely.

See wpmailsmtp.com's Privacy Policy and Terms of Service.



Cancel

Allow

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

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



Google hasn't verified this app

The app is requesting access to sensitive info in your Google Account. Until the developer (pattie@wpmailsmtp.com) verifies this app with Google, you shouldn't use it.

If you're the developer, submit a verification request to remove this screen. <u>Learn</u> more



BACK TO SAFETY

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.

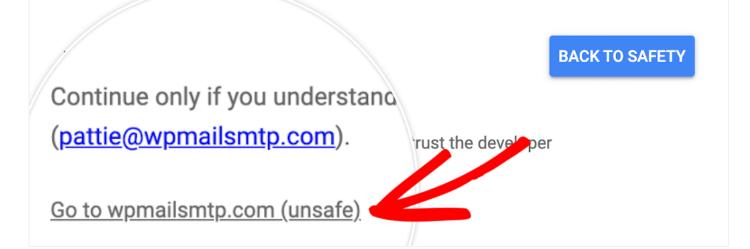




Google hasn't verified this app

The app is requesting access to sensitive info in your Google Account. Until the developer (pattie@wpmailsmtp.com) verifies this app with Google, you shouldn't use it.

If you're the developer, submit a verification request to remove this screen. <u>Learn</u> more



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

Backup Connection

Setting up a <u>Backup Connection</u> is optional and isn't required to complete your Google Workspace / Gmail mailer setup. However, to further improve email deliverability, we recommend <u>configuring an</u> additional connection to serve as a backup in case your Primary Connection fails.



Backup Connection

Don't worry about losing emails. Add an additional connection, then set it as your Backup Connection. Emails that fail to send with the Primary Connection will be sent via the selected Backup Connection. Learn More.

Backup Connection



None

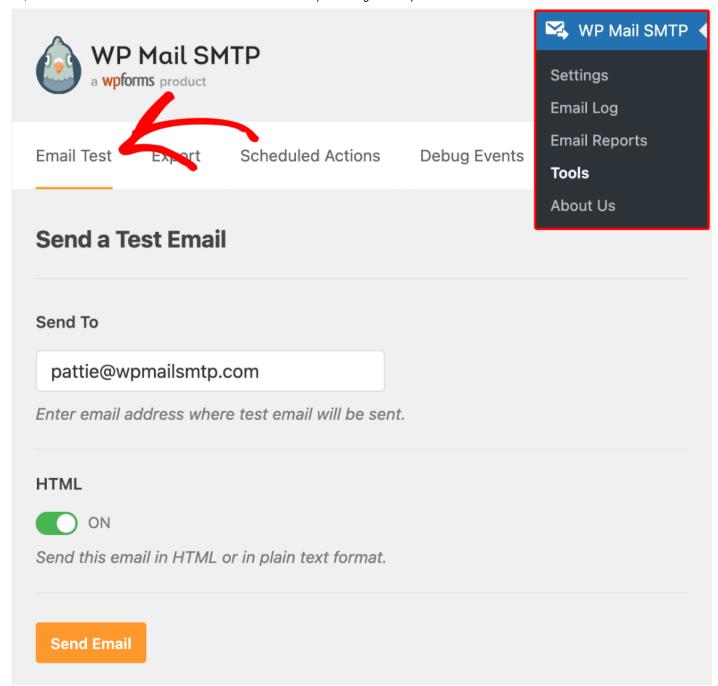
Once you add an additional connection, you can select it here.

Note: Want to route your emails through a specific additional connection based on a set of rules or conditions? Be sure to check out our tutorial on <u>Smart Routing</u> to learn how.

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.

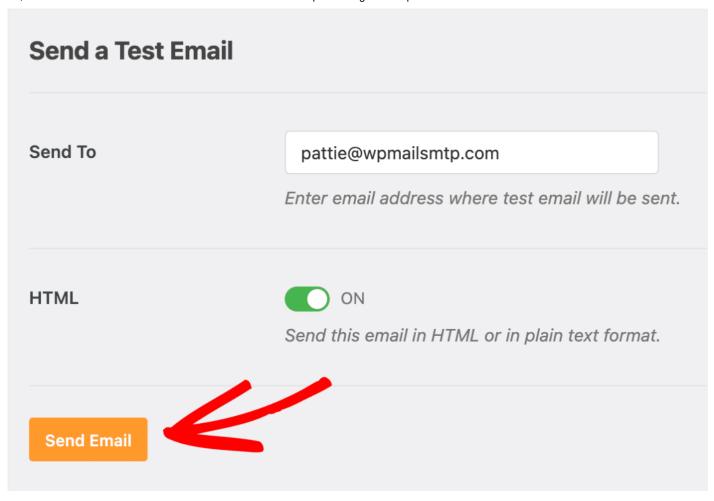




Once the **Email Test** tab is open, you'll need to enter an email address whose inbox you have access to.

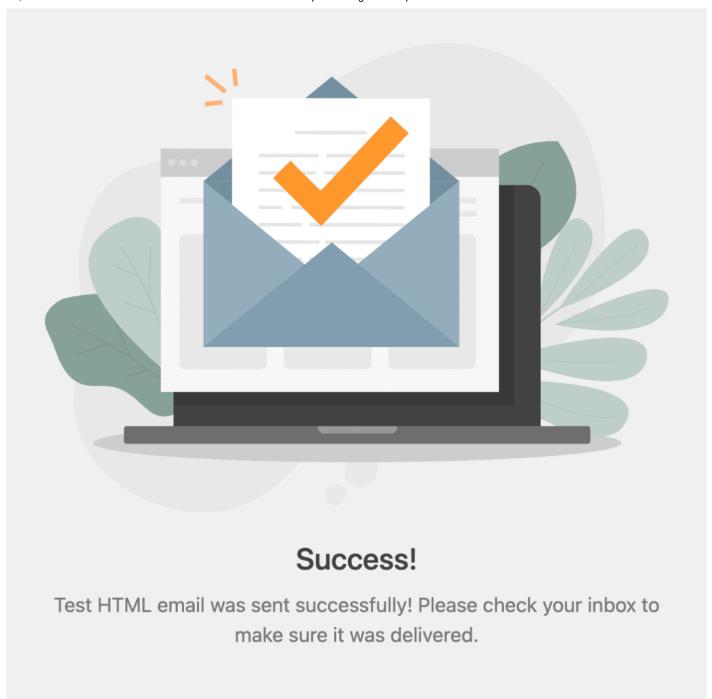
Note: If you've set up an <u>additional connection</u>, you'd be able to choose between your Primary Connection and other connections when sending a test email.

Next, choose whether to send a plain text or HTML email. Unless you know you'll only be send plain text emails, we recommend leaving the HTML setting toggled **ON**. \Then click the **Send Email** button.



You'll see a success message when the test email has been sent.





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







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

Javel Advisor

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 payour 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 attachments 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 to Gmail API disabled. To check on this, follow Google's guide to enabling an API.

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)**.



Google hasn't verified this app

The app is requesting access to sensitive info in your Google Account. Until the developer (pattie@wpmailsmtp.com) verifies this app with Google, you shouldn't use it.

If you're the developer, submit a verification request to remove this screen. <u>Learn</u> more

BACK TO SAFETY

Continue only if you understand (pattie@wpmailsmtp.com).

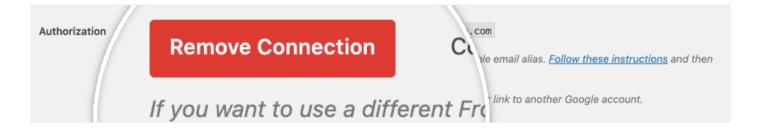
rust the developer

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 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 (<u>Step 4</u>), 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 <u>switch the mode from testing to production</u> 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 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 <u>authorization process in</u> WP Mail SMTP without waiting for Google's verification.

Why is the redirect URI pointing to connect.wpmailsmtp.com?

We set the redirect URI to pass through our site so we can resolve the 403 forbidden error some users experience when mod_security prevents them from completing the OAuth connection.

Note: The redirect URI is added for verification purposes alone. We don't store or have access to any data from your website.

WP Mail SMTP periodically stops working, and I keep getting the following error message:

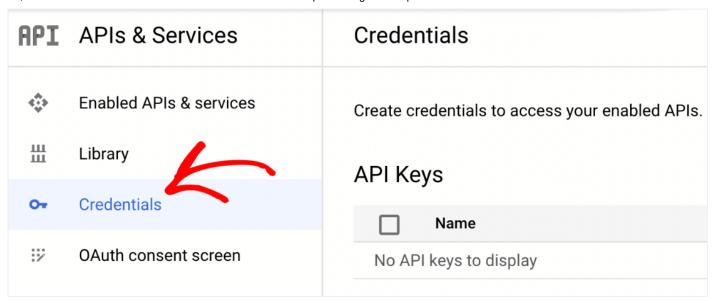
```
"Mailer: Google / Gmail
{
"error": "invalid_grant",
"error_description": "Bad Request"
}
```

This error usually indicates that there are permission issues due to the Client Secret key being invalidated. It could happen when you change your Gmail password or enable 2FA on your account.

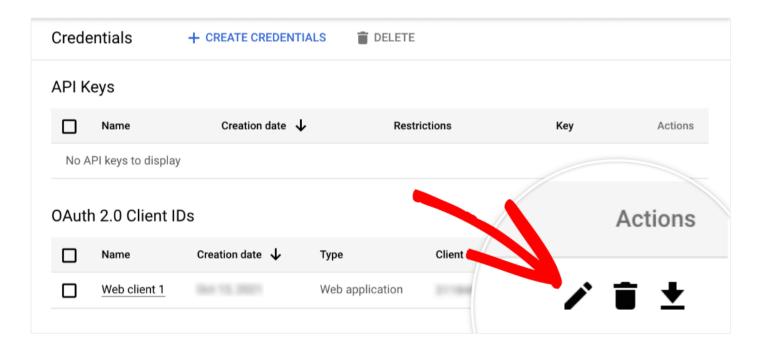
To resolve this, you'll either need to regenerate your tokens or go through the setup process again.

To regenerate your tokens, log in to the Google Cloud Console, then select Credentials under the API & Services section.





On the OAuth 2.0 Client IDs section, you'll need to click the pencil icon to edit your credentials.



Next, click on **RESET SECRET** to generate a new Client Secret key.



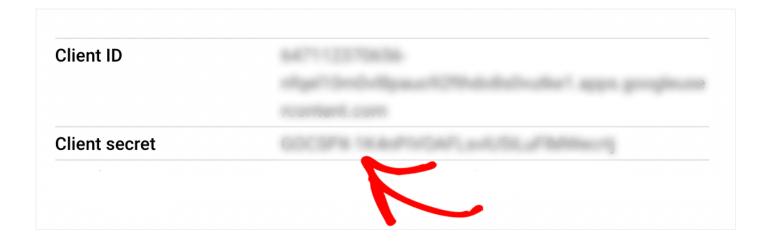
A popup will appear with a confirmation message. Go ahead and click on **RESET** to continue.

Do you want to create a new client secret?

The existing secret will be revoked immediately, and the new secret immediately available. This cannot be undone.

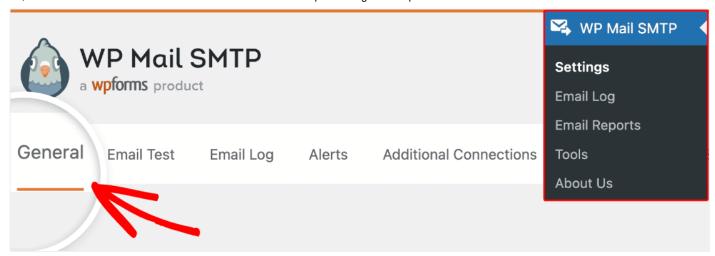


After resetting your tokens, you'll need to update the Client Secret in WP Mail SMTP settings with the new key. Go ahead and copy the **Client Secret** key.



Then log in to your WordPress dashboard and go to WP Mail SMTP » Settings.



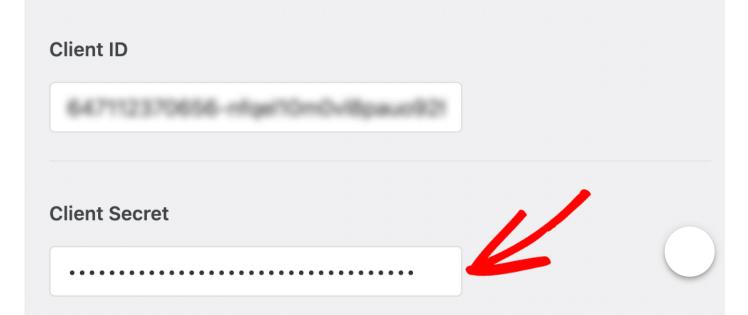


On the **General** tab, scroll down to the **Google / Gmail** section and paste the key you copied into the **Client Secret** field.

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 setup steps are more technical than other options, so we created a detailed guide to walk you through the process.

To get started, read our <u>Gmail documentation</u>.



Once you've added the new Client Secret, be sure to save your changes.

After sending a test email, I see the following error message:

The test email might have been sent, but its deliverability should be improved.

This error usually occurs if you're using a custom domain email address and haven't added SPF and DKIM records for the domain. You'll need to add both records to your domain's DNS to fix this issue.

If you're seeing the following SPF error message:



Action Needed: It doesn't look like the SPF record required by Google has been added to your domain. Please check out Google's SPF guide for details on how to add this record to your domain's DNS.

It means your domain is missing the SPF record required by Google to verify your domain. To fix this, you'll need to add the SPF record to your domain's DNS. For steps on how to access this record, check out Google's SPF guide.

You'll likely see two options on the Google SPF documentation page: **Define your SPF record—Basic** and Define your SPF record—Advanced. Follow the steps in the Basic option to get your SPF record. Then proceed to add the record to your domain's DNS.

Note: If you'd like to learn how to add DNS records to your domain's DNS, be sure to check our <u>DNS</u> records guide for more information.

If you're seeing the following DKIM warning:





DKIM

Action Needed: It doesn't look like the DKIM record required by Google has been added to your domain. Please check out Google's DKIM guide for details on how to add this record to your domain's DNS.

You'll need to add the DKIM record required by Google to verify that emails come from authorized domains. For steps on how to get this record, check out Google's DKIM guide.

You may also see the following error message after sending a test email:



SPF

Action Needed: It looks like your domain (example.com) has multiple SPF records. Multiple SPF records aren't allowed and can cause your emails to be rejected. Please check out our step-by-step guide for details on how to fix this issue.

This error indicates that you've added multiple SPF records to your domain's DNS. If you've previously added an SPF record from a different mailer, you'll likely encounter this error. For steps on how to resolve this issue, check out our guide to learn how to merge all SPF records on your domain's DNS.

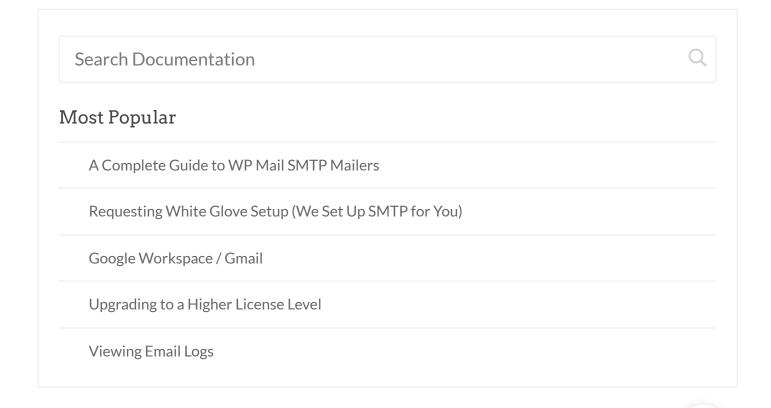
That's it! Now you know how to set up WP Mail SMTP's Google Workspace / Gmail mailer on your WordPress site.

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 Jan 18, 2023

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Getting Started
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Let's Connect







Solve Your Email Deliverability Problems

Use your favorite SMTP provider to reliably send your WordPress emails

Get WP Mail SMTP Pro

Company

About Us

Contact

Affiliates

Blog

Press

FTC Disclosure







Helpful Links

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Make a Website

Top Features

White Glove Setup

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WordPress Email Summary

Manage Notifications

Open & Click Tracking

SendLayer Integration

SMTP.com Integration

Sendinblue Integration

Integrations

Amazon SES Integration

Google/Gmail Integration

Mailgun Integration

Microsoft 365 Integration

Outlook.com Integration

Postmark Integration

Sendgrid Integration

SparkPost Integration

Zoho Mail Integration



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