

**amasty**

For more details see how the [SMTP Email Settings for Magento 2](#) extension works.

# Ultimate Guide for Magento 2 SMTP Email Settings

Send only reliable emails from a popular local hosting or a custom Magento 2 SMTP server. Run tests before emails dispatch to make sure that customers and partners receive all emails you send.

- Secure Magento 2 SMTP authentication and connection
- Pre-defined settings for popular email service providers
- Debug mode for email testing
- Log all sent emails and view any message in detail
- Significantly decrease email rejection

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[ADD TO CART](#)

[GO TO EXTENSION PAGE](#)

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## Extension Configuration

To configure Magento 2 SMTP server, please go to **Stores** → **Configuration** → **SMTP Email Settings**

### General Settings

## General Settings

<b>Enable SMTP For E-mail</b> <small>[store view]</small>	<input type="text" value="Yes"/>	<input type="button" value="▼"/>
	When disabled, the extension has no impact on Magento e-mail sending routines.	
<b>Log Outgoing Mail</b> <small>[store view]</small>	<input type="text" value="Yes"/>	<input type="button" value="▼"/>
	Makes it possible to see the list of all e-mails ever sent through Magento, including email contents.	
<b>Enable Debug Mode</b> <small>[store view]</small>	<input type="text" value="No"/>	<input type="button" value="▼"/>
	When enabled, all debug information is logged. Recommended not to use on production sites.	
<b>Disable E-mail Delivery</b> <small>[store view]</small>	<input type="text" value="No"/>	<input type="button" value="▼"/>
	Set to "Yes" to not actually send e-mails. Useful when logging is enabled, for debug/development purposes.	

**Enable SMTP For E-mail** - When set to 'No' this setting disables all features of the module including debug and emails log.

**Log Outgoing Mail** - Set this option to 'Yes' to log all emails sent from Magento. The feature enables you to view the list of the emails, including the contents at any time.

**Enable Debug Mode** - Debug information can help to set up emails dispatch. Please disable the debug option when emails sending works properly.

**Disable E-mail Delivery** - Set this option to 'No' to send out emails. When set to 'Yes', emails will not be sent. The system will 'pretend' that it is sending emails - the messages will still be added to the log and you will see all debug info. It's helpful for testing the system.

Get 14 additional detailed report types with the **Magento 2 reports extension**.

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## SMTP Basic Configuration

## SMTP Configuration

<b>SMTP Provider</b> <small>[store view]</small>	- Other -	Autofill
	Pre-defined SMTP providers	
<b>Server Address</b> <small>[store view]</small>	smtp.gmail.com	
	Either host name or IP address	
<b>Port</b> <small>[store view]</small>	465	
	Usually is 25, 587 or 465. Please consult with your service provider.	
<b>Authentication Method</b> <small>[store view]</small>	Login/Password	
<b>Login</b> <small>[store view]</small>	example@gmail.com	
<b>Password</b> <small>[store view]</small>		
<b>Connection Security</b> <small>[store view]</small>	SSL	
<b>Use Another Email Sender</b> <small>[store view]</small>	Yes	
	Be careful! Use Sender with the same domain from where you send mail. Otherwise, your mail server can get into the ban because of spam.	
<b>Sender Email</b> <small>[store view]</small>		
<b>Sender Name</b> <small>[store view]</small>		
<b>Send Test E-mail To</b> <small>[store view]</small>		Save and Check Connection

**SMTP Provider** - Choose your SMTP provider and click 'Autofill' to fill in some fields automatically. This way you can connect your Magento 2 store to Gmail SMTP. Select 'Other' if you own a server.

**Server Address** - Specify the hostname or IP address of the server.

**Port** - Define the port number.

**Authentication Method** - Set the required method:

- Login/Password
- OAUTH2 Client ID (Google)
- OAUTH2 Service Account (Google)

## For Login/Password

**Login** - Specify your login in this field.

**Password** - Define a password for your login.

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## For OAUTH2 Client ID (Google)

**Client Email, Client ID, Client Secret** and **Refresh Token** should be provided by Google. Read in [this section](#) how to get these credentials.

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## For OAUTH2 Service Account (Google)

**Service Email** - provide the email for SMTP configuration generated by Google.

**Service Account Credentials** - upload the credentials in the json format. Check ow to get the credentials in [this section](#).

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**Connection Security** - Specify the protocol used for secure communication (the field can be filled automatically).

**Use Another Email Sender** - Choose **Yes**, if you want to replace the sender email (the option is available only when the **SMTP Provider** is defined as "Other").

When **Use Another Email Sender** is set to **Yes**, two additional fields will appear: **Sender Email** and **Sender Name**.

**Sender Email** - Define a new sender email for which the original sender email will be changed.

**Sender Name** - Specify the name of a new sender.

**Send Test E-mail To** - Specify an email for the test and click the 'Check Connection' button to run a test and make sure that you filled in the correct data and the setup works well. As a result, you should get the 'Connection Successful' message and receive a test email.

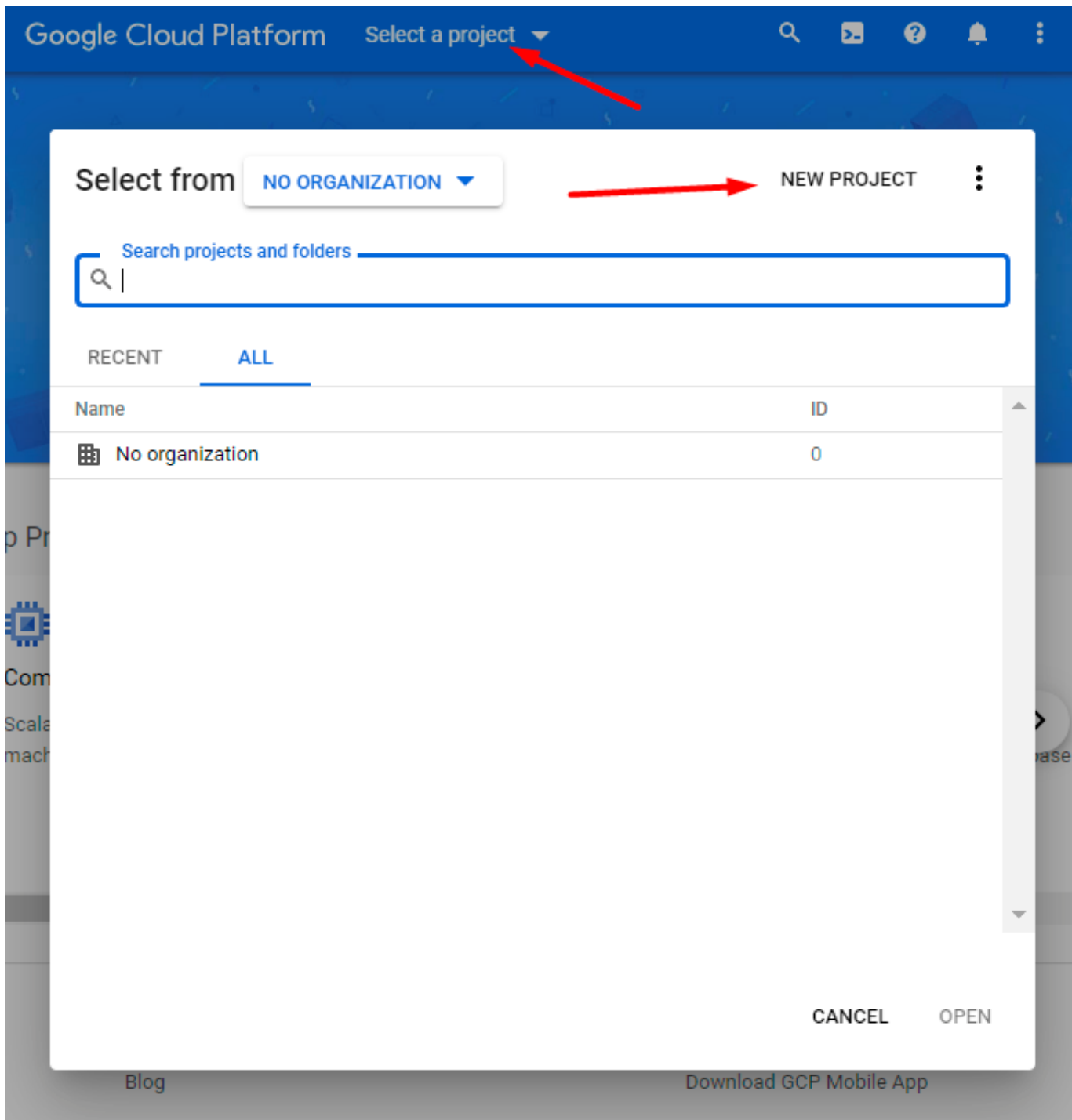
## OAuth 2.0 for Google Client ID

To get credentials for setting up a new authentication method OAUTH2 Client ID (Google), first of all,

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log in to your Google account and go [here](#).

You need to create a new project. To do this, click the **Select a project** dropdown and hit **New Project** button.



Set project name, organization and location. Click **Create**.

☰ Google Cloud Platform 🔍

## New Project

⚠️ You have 12 projects remaining in your quota. Request an increase or delete projects. [Learn more](#)

[MANAGE QUOTAS](#)

Project name \*  
SMTP ?

Project ID: smtp-304613. It cannot be changed later. [EDIT](#)

Organization \*  
No organization ▼

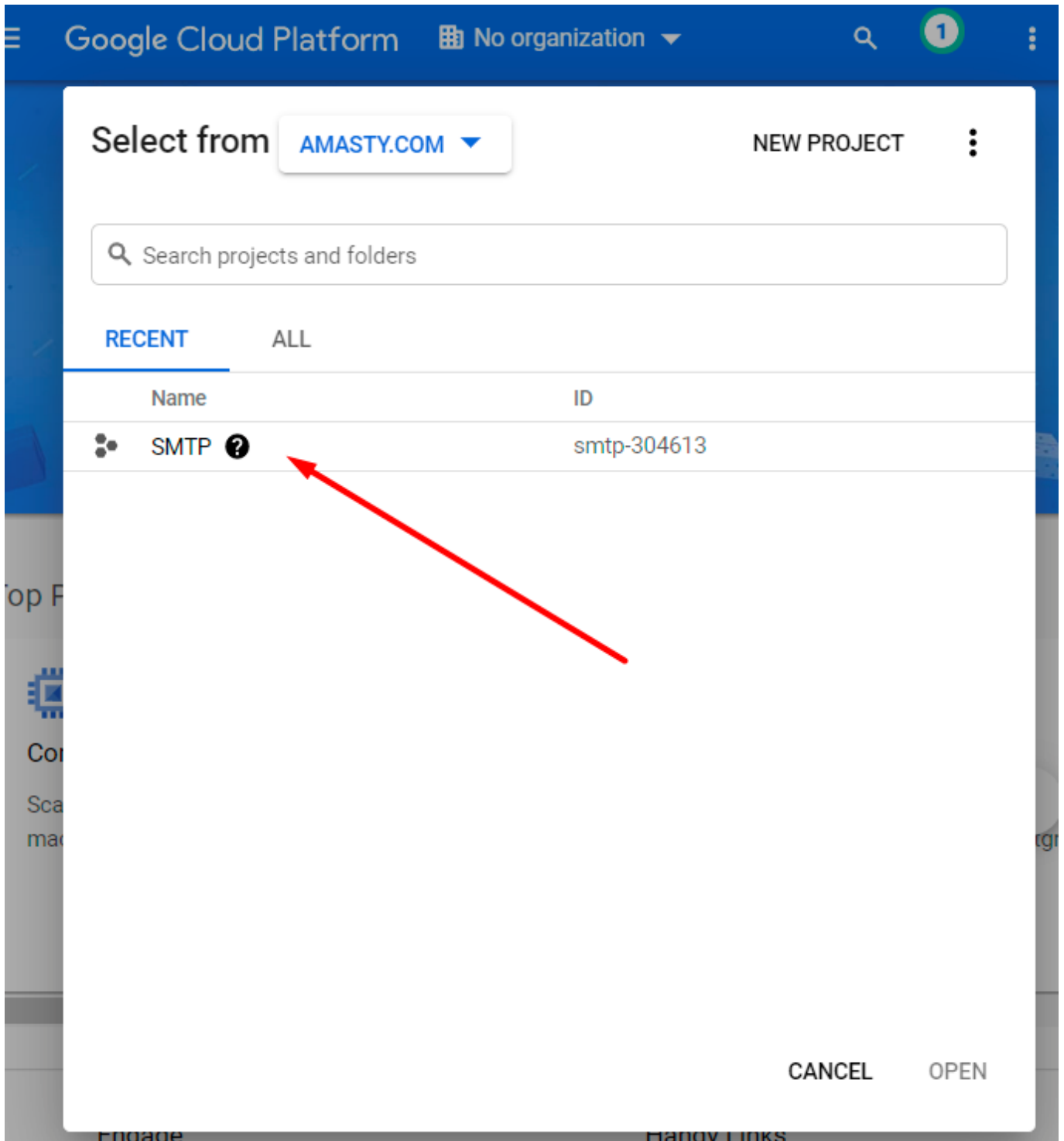
Select an organization to attach it to a project. This selection can't be changed later.

Location \* [BROWSE](#)

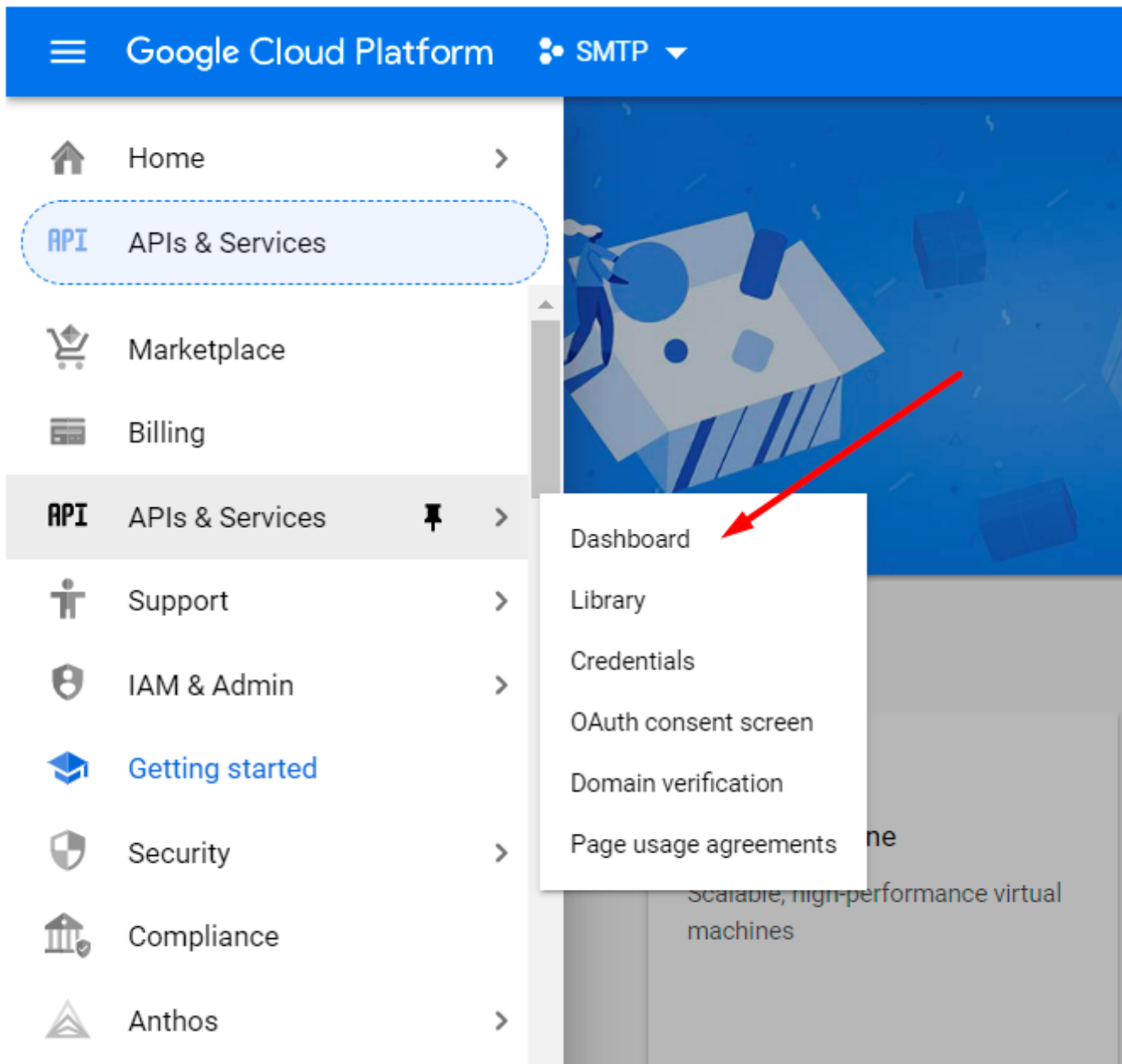
Parent organization or folder

[CREATE](#) [CANCEL](#)

Choose newly created project in the **Select a project** dropdown.



Navigate to **APIs & Services** → **Dashboard**.



Proceed to the **Library** section.

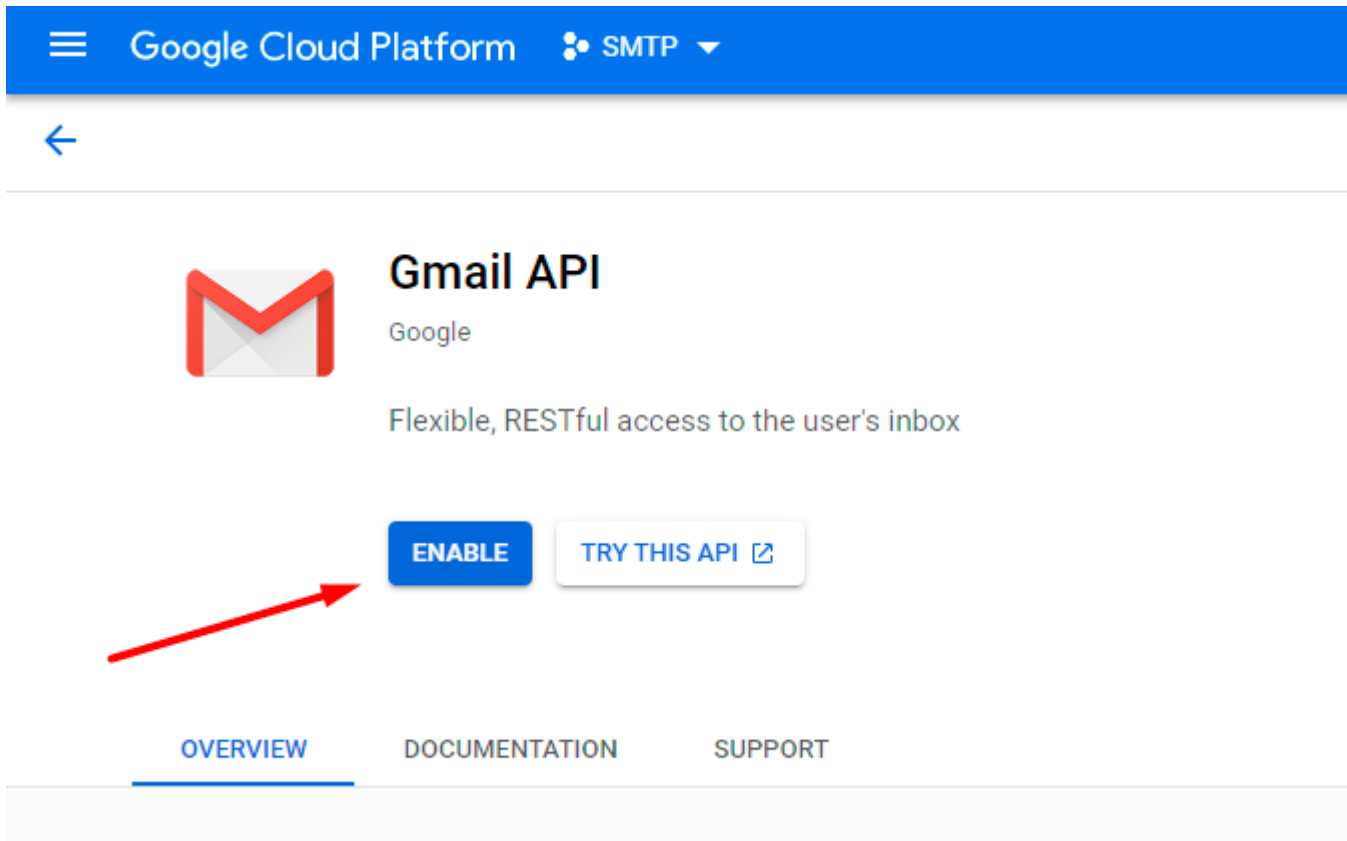
The screenshot shows the Google Cloud Platform console interface. At the top, there is a blue header with the Google Cloud Platform logo and the text "SMTP" with a dropdown arrow. Below the header, the main content area is divided into two sections. The left section is a navigation menu with the title "APIs & Services" and a sub-header "APIs & Services". The menu items are: "Dashboard" (highlighted in light blue), "Library" (highlighted in grey with a red arrow pointing to it), "Credentials", "OAuth consent screen", "Domain verification", and "Page usage agreements". The right section is titled "APIs & Services" and contains a sub-header "+ ENABLE APIS AND S". Below this, there is a "Traffic" section with a loading indicator "Loading graph data" and a timeline showing dates: Jan 17, Jan 24, Jan 31, and Feb 07. At the bottom of the right section, there is a "Filter" button.

Choose **Gmail API**.

The screenshot shows the Google Cloud Platform interface. At the top, there is a blue header with 'Google Cloud Platform' and 'SMTP' with a dropdown arrow. Below this is a search bar with the text 'Google Workspace' and a search icon followed by the placeholder text 'Search for APIs & Services'. On the left side, there is a 'Filter by' section with a 'CATEGORY' label and a filter button for 'Google Workspace'. The main area displays '18 results' and a grid of API cards. A red arrow points from the left towards the 'Gmail API' card.


API Name	Provider	Description
Admin SDK API	Google	Admin SDK lets administrators of enterprise domains to view and manage resources like user,...
Apps Script API	Google	An API for managing and executing Google Apps Script projects.
G Suite Vault API	Google	Archiving and eDiscovery for G Suite.
Gmail API	Google	Flexible, RESTful access to the user's inbox
Google Drive API	Google	The Google Drive API allows clients to access resources from Google Drive
Google Sheets API	Google	The Sheets API gives you full control over the content and appearance of your spreadsheet

Hit the **Enable** button.



Google Cloud Platform SMTP

←

 **Gmail API**  
Google

Flexible, RESTful access to the user's inbox

[ENABLE](#) [TRY THIS API](#)

[OVERVIEW](#) [DOCUMENTATION](#) [SUPPORT](#)

Now you need to create credentials. Click the appropriate button in the right corner.

eed credentials. Click 'Create credentials' to get started.

[CREATE CREDENTIALS](#)

### Traffic by response code

Request/sec (2 hr average)

The chart area contains a message: **⚠ No data is available for the selected time frame.** The y-axis is labeled 'Request/sec (2 hr average)' and ranges from 0 to 1.0/s in increments of 0.2/s. The x-axis shows dates: Jan 17, Jan 24, Jan 31, and Feb 07.

[View metrics](#)

Select the **client ID** credential type.

## Credentials

### Add credentials to your project

#### 1 Find out what kind of credentials you need

We'll help you set up the correct credentials

If you wish you can skip this step and create an [API key](#), [client ID](#), or [service account](#)

##### Which API are you using?

Different APIs use different auth platforms and some credentials can be restricted to only call certain APIs.

[What credentials do I need?](#)

#### 2 Get your credentials

[Cancel](#)

Hit the **Configure Consent Screen** button.

### ← Create 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.



To create an OAuth client ID, you must first set a product name on the consent screen

[CONFIGURE CONSENT SCREEN](#)

Select the **Internal** user type and click **Create**.

## OAuth consent screen

Choose how you want to configure and register your app, including your target users. You can only associate one app with your project.

### User Type

Internal  

Only available to users within your organization. You will not need to submit your app for verification.

External 

Available to any test user with a Google Account. Your app will start in testing mode and will only be available to users you add to the list of test users. Once your app is ready to push to production, you may need to [verify your app](#).

[Let us know what you think](#) about our OAuth experience

Now fill in the required fields (App Name, User Support Email, Email Addresses), then Save and continue.

## Edit app registration

- 1 OAuth consent screen — 2 Scopes — 3 Summary

### App information

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

App name \*

TestSMTP

The name of the app asking for consent

User support email \*

julia.thorn@amasty.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.

### App domain

To protect you and your users, Google only allows apps using OAuth to use Authorized Domains. The following information will be shown to your users on the consent screen.

Application home page

Provide users a link to your home page

Application privacy policy link

Provide users a link to your public privacy policy

Application terms of service link

Provide users a link to your public terms of service

### Authorized domains ?

When a domain is used on the consent screen or in an OAuth client's configuration, it must be pre-registered here. If your app needs to go through verification, please go to the [Google Search Console](#) to check if your domains are authorized. [Learn more](#) about the authorized domain limit.

+ ADD DOMAIN

### Developer contact information

Email addresses \*

julia.thorn@amasty.com

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

SAVE AND CONTINUE

CANCEL

Proceed to **Add or remove scopes**.

## Edit app registration

1 OAuth consent screen — **2 Scopes** — 3 Summary

Scopes express the permissions you request users to authorize for your app and allow your project to access specific types of private user data from their Google Account. [Learn more](#)

ADD OR REMOVE SCOPES



### Your non-sensitive scopes

API ↑	Scope	User-facing description
No rows to display		

In the appeared popup, select all items and click **Update**.

### Update selected scopes

Only scopes for enabled APIs are listed below. To add a missing scope to this screen, find and enable the API in the [Google API Library](#) or use the Pasted Scopes text box below. Refresh the page to see any new APIs you enable from the Library.

Filter Filter table

API	Scope	User-facing description
<input checked="" type="checkbox"/>	.../auth/userinfo.email	View your email address
<input checked="" type="checkbox"/>	.../auth/userinfo.profile	See your personal info, including any personal info you've made publicly available
<input checked="" type="checkbox"/>	openid	Associate you with your personal info on Google
<input checked="" type="checkbox"/> BigQuery API	.../auth/bigquery	View and manage your data in Google BigQuery
<input checked="" type="checkbox"/> BigQuery API	.../auth/cloud-platform	View and manage your data across Google Cloud Platform services
<input checked="" type="checkbox"/> BigQuery API	.../auth/bigquery .readonly	View your data in Google BigQuery
<input checked="" type="checkbox"/> BigQuery API	.../auth/cloud-platform .read-only	View your data across Google Cloud Platform services
<input checked="" type="checkbox"/> BigQuery API	.../auth/devstorage .full_control	Manage your data and permissions in Google Cloud Storage
<input checked="" type="checkbox"/> BigQuery API	.../auth/devstorage .read_only	View your data in Google Cloud Storage
<input checked="" type="checkbox"/> BigQuery API	.../auth/devstorage .read_write	Manage your data in Google Cloud Storage


Rows per page: 10 1 - 10 of 40

#### Manually add scopes

If the scopes you would like to add do not appear in the table above, you can enter them here. Each scope should be on a new line or separated by commas. Please provide the full scope string (beginning with "https://"). When you are finished, click "Add to table".

ADD TO TABLE

**UPDATE**



Save the changes.

## Edit app registration

### Your sensitive scopes

Sensitive scopes are scopes that request access to private user data.

API ↑	Scope	User-facing description	
BigQuery API	.../auth/bigquery	View and manage your data in Google BigQuery	
BigQuery API	.../auth/cloud-platform	View and manage your data across Google Cloud Platform services	
BigQuery API	.../auth/bigquery.readonly	View your data in Google BigQuery	
BigQuery API	.../auth/cloud-platform.read-only	View your data across Google Cloud Platform services	
BigQuery API	.. ./auth/devstorage.full_control	Manage your data and permissions in Google Cloud Storage	
BigQuery API	.. ./auth/devstorage.read_only	View your data in Google Cloud Storage	
BigQuery API	.. ./auth/devstorage.read_write	Manage your data in Google Cloud Storage	

### 🔒 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](#)

 [CANCEL](#)

Go **back to dashboard**.

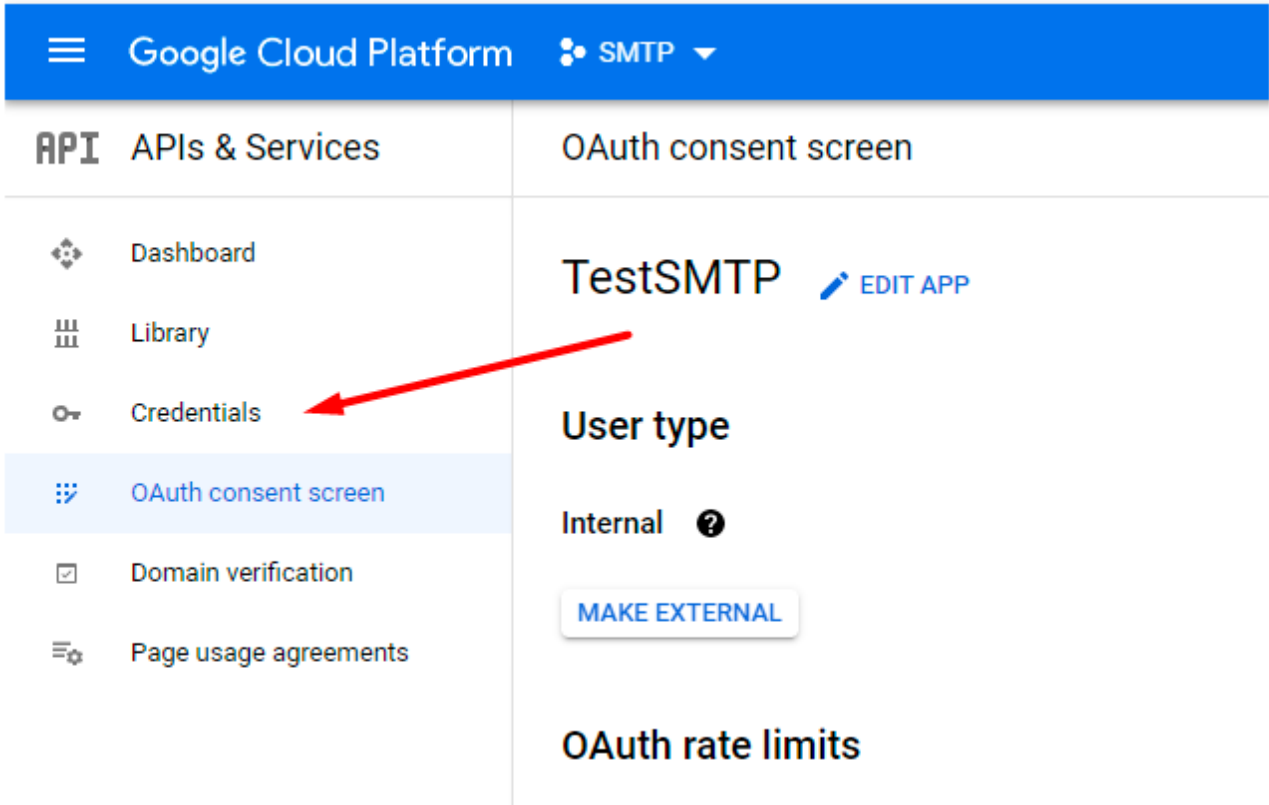
## Scopes

API ↑	Scope	User-facing description
	.../auth/userinfo.email	View your email address
	.../auth/userinfo.profile	See your personal info, including any personal info you've made available
	openid	Associate you with your personal info on Google
BigQuery API	.../auth/bigquery	View and manage your data in Google BigQuery
BigQuery API	.../auth/cloud-platform	View and manage your data across Google Cloud Platform services
BigQuery API	.../auth/bigquery.readonly	View your data in Google BigQuery
BigQuery API	.../auth/cloud-platform.read-only	View your data across Google Cloud Platform services
BigQuery API	.../auth/devstorage.full_control	Manage your data and permissions in Google Cloud Storage
BigQuery API	.../auth/devstorage.read_only	View your data in Google Cloud Storage
BigQuery API	.../auth/devstorage.read_write	Manage your data in Google Cloud Storage

[BACK TO DASHBOARD](#)



Proceed to **Credentials** section.



Create new credentials using **OAuth Client ID**.

platform SMTP Search products and

Credentials + CREATE CREDENTIALS DELETE

Create credentials to access Google APIs

### API Keys

<input type="checkbox"/>	Name
No API keys to display	

### OAuth 2.0 Clients

<input type="checkbox"/>	Name	Creation date ↓
No OAuth clients to display		

### Service Accounts

<input type="checkbox"/>	Email
No service accounts to display	

- API key  
Identifies your project using a simple API key to check quota and access
- OAuth client ID  
Requests user consent so your app can access the user's data
- Service account  
Enables server-to-server, app-level authentication using robot accounts
- Help me choose  
Asks a few questions to help you decide which type of credential to use

Specify **Application type**, **Name** and **Authorized redirect URLs** (for tests we used the following one: <https://developers.google.com/oauthplayground>).

## ← Create 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.

Application type \*

Web application

[Learn more](#) about OAuth client types

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.



The domains of the URIs you add below will be automatically added to your [OAuth consent screen](#) as [authorized domains](#).

### Authorized JavaScript origins ?

For use with requests from a browser

+ ADD URI

### Authorized redirect URIs ?

For use with requests from a web server

URIs

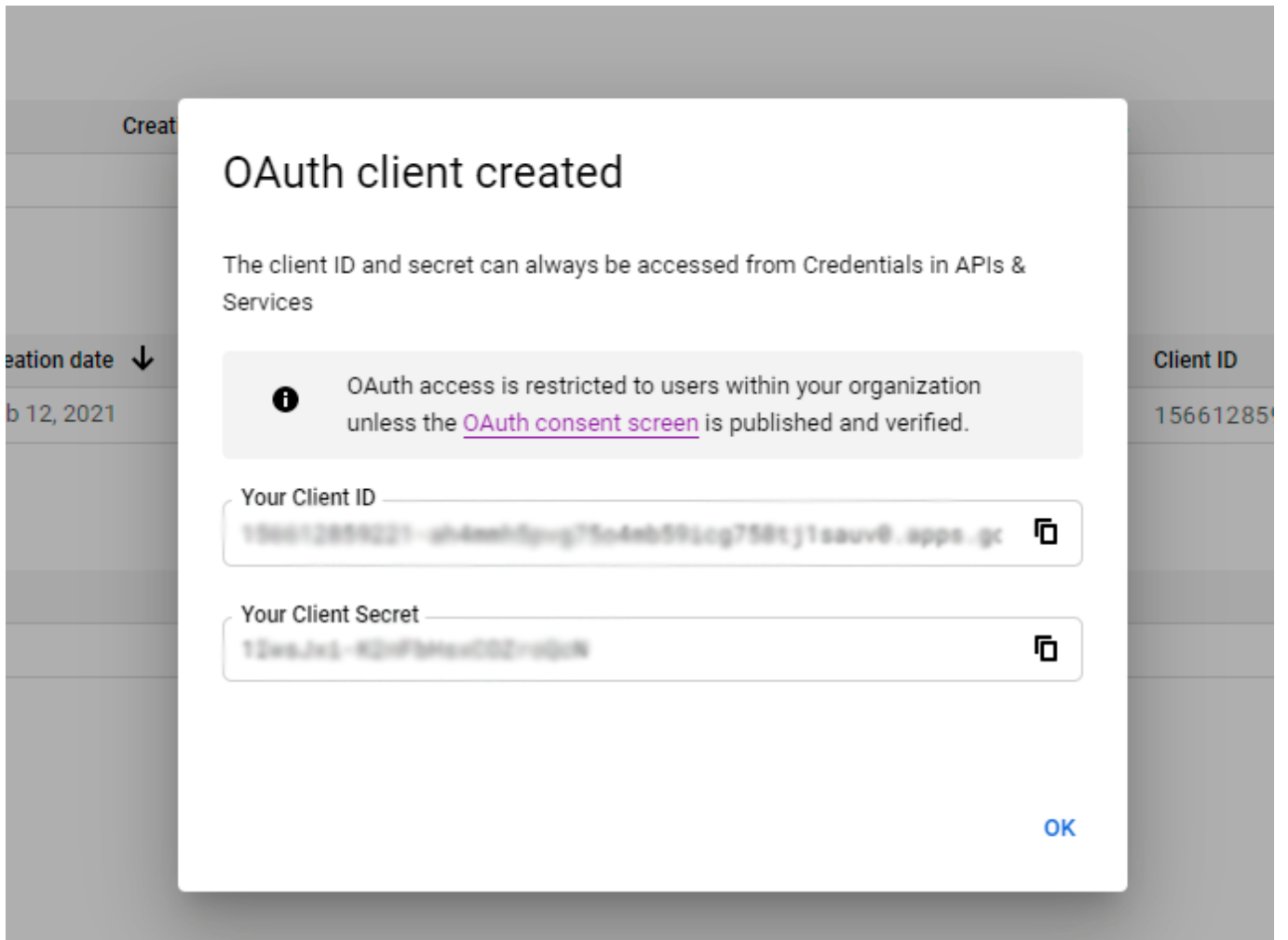
https://developers.google.com/oauthplayground

+ ADD URI

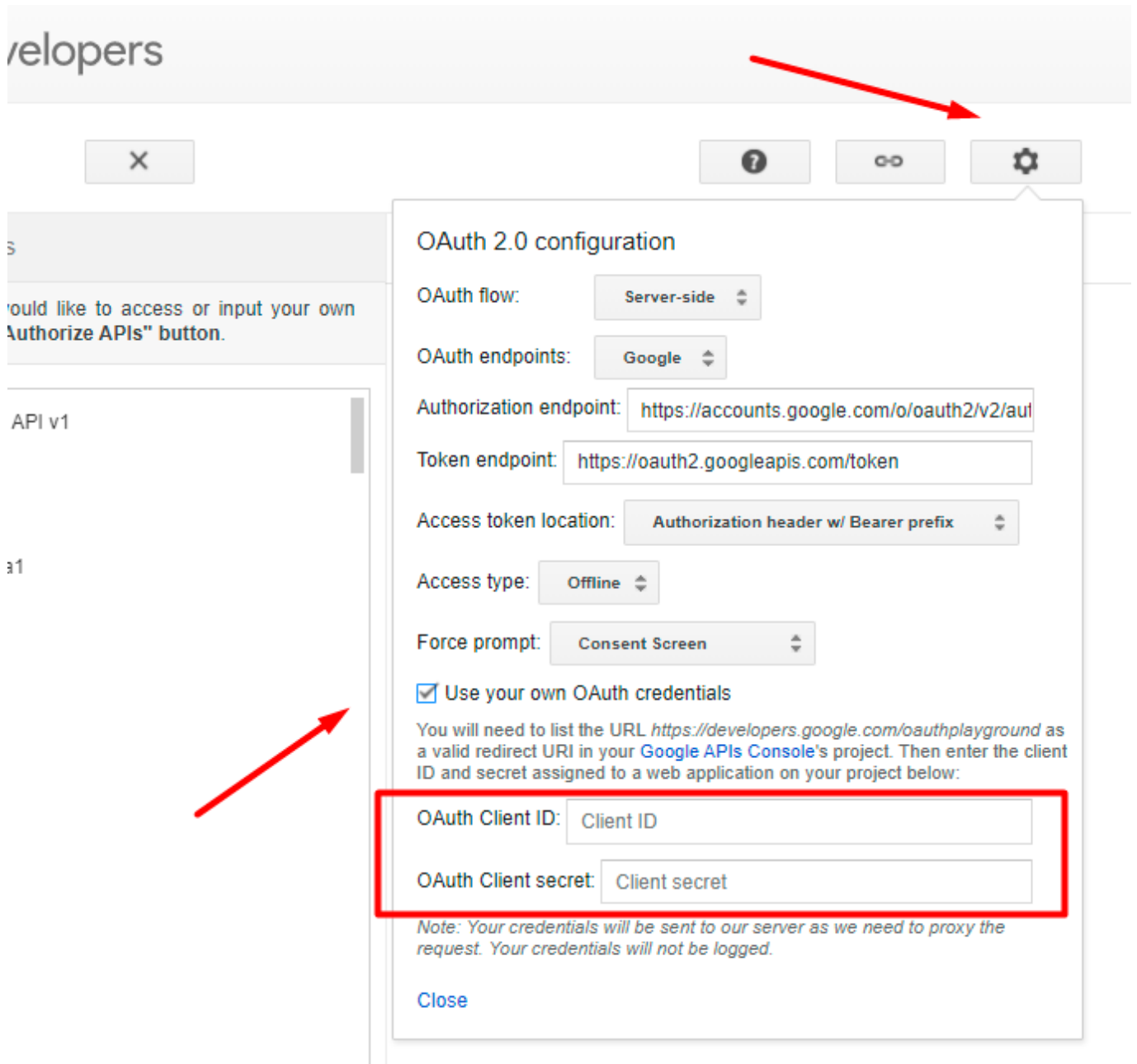
CREATE

CANCEL

Your **Client ID** and **Client Secret** have been generated. Copy them.



Now go to the specified in the settings URL - <https://developers.google.com/oauthplayground/>. Open the settings, hit the **Use your own OAuth credentials** checkbox and paste the copied values.



In the list of methods, find the **Gmail API v1** and select <https://mail.google.com/>.

Google Developers

## OAuth 2.0 Playground

Step 1 Select & authorize APIs

Select the scope for the APIs you would like to access or input your own OAuth scopes below. Then click the "Authorize APIs" button.

- ▶ Fitness API v1
- ▶ G Suite Vault API v1
- ▶ Genomics API v1
- ▼ Gmail API v1
  - ✓ <https://mail.google.com/>
  - <https://www.googleapis.com/auth/gmail.addons.current.action.compose>
  - <https://www.googleapis.com/auth/gmail.addons.current.message.action>
  - <https://www.googleapis.com/auth/gmail.addons.current.message.metadata>
  - <https://www.googleapis.com/auth/gmail.addons.current.message.readonly>
  - <https://www.googleapis.com/auth/gmail.compose>

Input your own scopes

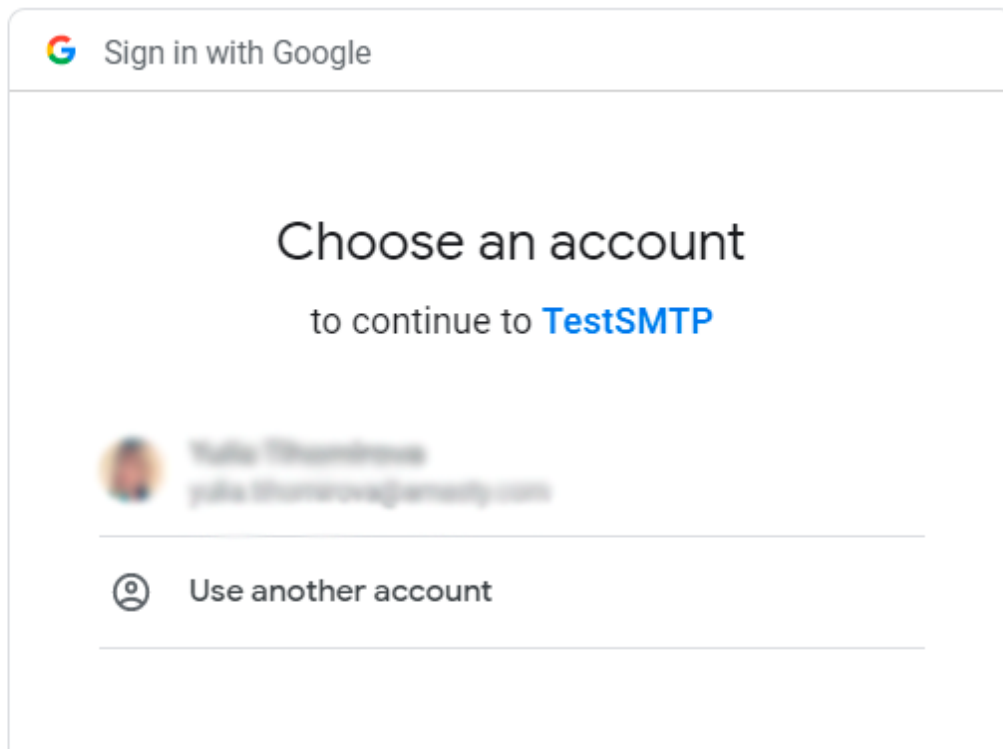
**Authorize APIs**

Request / Response

No request.

Then click **Authorize APIs**.

Choose the required Google account and hit Allow in the next window.



On the appeared page, click **Exchange Authorization code for tokens**.



## OAuth 2.0 Playground



▶ Step 1 Select & authorize APIs

▼ Step 2 Exchange authorization code for tokens

Once you got the Authorization Code from Step 1 click the **Exchange authorization code for tokens** button, you will get a refresh and an access token which is required to access OAuth protected resources.

Authorization code:

**Exchange authorization code for tokens**

Refresh token:

Access token:

Auto-refresh the token before it expires.

*Note: The OAuth Playground will automatically revoke refresh tokens after 24h. You can avoid this by specifying your own application OAuth credentials using the Configuration panel.*

### Request / Response

HTTP/1.1 302 Found  
Location: <https://accounts.google.com/ah4mmh5pvg75o4mb59icg758tj1sauv6>

GET /oauthplayground/?code=4/0A1ah4mmh5pvg75o4mb59icg758tj1sauv6  
Host: developers.google.com



Thus, you get the **Refresh Token**. Copy it.



### OAuth 2.0 Playground



▶ Step 1 Select & authorize APIs

▼ Step 2 Exchange authorization code for tokens

Once you got the Authorization Code from Step 1 click the **Exchange authorization code for tokens** button, you will get a refresh and an access token which is required to access OAuth protected resources.

Authorization code:

**Exchange authorization code for tokens**

Refresh token:

Access token:

Auto-refresh the token before it expires.

The access token will expire in **3553** seconds.

*Note: The OAuth Playground will automatically revoke refresh tokens after 24h. You can avoid this by specifying your own application OAuth credentials using the Configuration panel.*

### Request / Response

POST /token HTTP/1.1  
Host: oauth2.googleapis.com  
Content-length: 306  
content-type: application/x-www-form-urlencoded  
user-agent: google-oauth-playground

code=4%2F0AY0e-g4bzORmh80GsKsEvfah4mmh5pvg75o4mb59icg758tjlsauv6

HTTP/1.1 200 OK  
Content-length: 415  
X-xss-protection: 0  
X-content-type-options: nosniff  
Transfer-encoding: chunked  
Expires: Mon, 01 Jan 1990 00:00:00 GMT  
Vary: Origin, X-Origin, Referer  
Server: scaffolding on HTTPServer  
-content-encoding: gzip  
Pragma: no-cache  
Cache-control: no-cache, no-store, max-age=0  
Date: Fri, 12 Feb 2021 15:50:45 GMT  
X-frame-options: SAMEORIGIN  
Alt-svc: h3-29=":443"; ma=2592000  
Content-type: application/json;

```
{
  "access_token": "ya29.a0AfH6SI...",
  "scope": "https://mail.google.com/",
  "token_type": "Bearer",
  "expires_in": 3599,
  "refresh_token": "1//04Qei_U1..."
}
```

Now you have all credentials and may configure the extension.

Choose the **OAUTH2 Client ID (Google)** authorization method and fill in the data you got.

## SMTP Configuration

**SMTP Provider** [store view]    
Pre-defined SMTP providers

**Server Address** [store view]   
Either host name or IP address

**Port** [store view]   
Usually is 25, 587 or 465. Please consult with your service provider.

**Authentication Method** [store view]

**Client Email** [global]   
Client Email who granted access to google app.

**Client ID** [global]

**Client Secret** [global]

**Refresh Token** [global]

**Connection Security** [store view]

**Send Test E-mail To** [store view]

Save and test the connection.

## OAuth 2.0 for Google Service Account

Service account only works for G-Suite user, it doesn't work for personal Gmail accounts. It means that use any Google user can create service account, but G-Suite administrator has to authorize it in G-Suite Admin Console to access user mailbox.

To get the credentials, go to [Google Developers Console](#).

Create a new project as described for the [client ID configuration](#).

If ready, open this project and proceed to **Credentials** → **Manage service accounts**.

The screenshot shows the Google Cloud Platform interface for project 'My Project 94077'. The left sidebar has 'Credentials' selected. The main content area is titled 'Credentials' and includes a '+ CREATE CREDENTIALS' button and a 'DELETE' button. Below this is a warning message: 'Remember to configure the OAuth consent screen with information about your application.' with a 'CONFIGURE CONSENT SCREEN' button. The 'API Keys' section shows 'No API keys to display'. The 'OAuth 2.0 Client IDs' section shows 'No OAuth clients to display'. The 'Service Accounts' section shows 'No service accounts to display' and a link to 'Manage service accounts'.

Hit the **Create Service Account** button.

My Project 94077

Service accounts + CREATE SERVICE ACCOUNT SHOW INFO PANEL

### Service accounts for project "My Project 94077"

A service account represents a Google Cloud service identity, such as code running on Compute Engine VMs, App Engine apps, or systems running outside Google. [Learn more about service accounts.](#)

Organization policies can be used to secure service accounts and block risky service account features, such as automatic IAM Grants, key creation/upload, or the creation of service accounts entirely. [Learn more about service account organization policies.](#)

Filter Filter table

<input type="checkbox"/>	Email	Status	Name ↑	Description	Key ID	Actions
No rows to display						

Provide **Service account name** and **Service account ID**. Click **Create**.

## Create service account

### 1 Service account details

Service account name  
my-service

Display name for this service account

Service accoun...  
my-service @quiet-odyssey-304913.iam.gserviceaccount.com X ↺

Service account description  
Describe what this service account will do

CREATE

### 2 Grant this service account access to project (optional)

### 3 Grant users access to this service account (optional)

DONE CANCEL

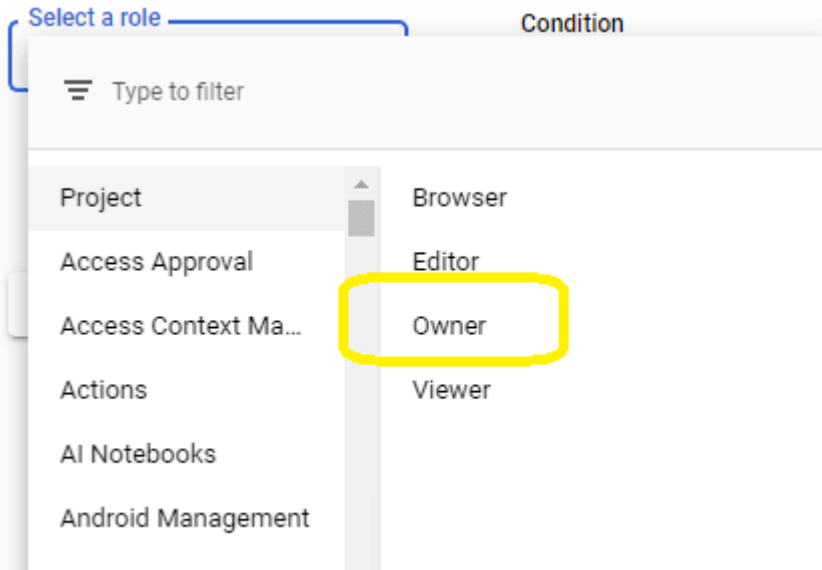
Go to **Service account permissions** → **Project** → **Owner**.

## Create service account

- ✓ Service account details — 2 Grant this service account

### Service account permissions (optional)

Grant this service account access to My Oauth Service so that it has per complete specific actions on the resources in your project. [Learn more](#)



In the **Grant users access to this service account** section you can keep click **Done** without the changes.

## Create service account

3 Grant users access to this service account (optional)

### Grant users access to this service account (optional)

Grant access to users or groups that need to perform actions as the service account. [Learn more](#)

Service account users role

Grant users the permissions to deploy jobs and VMs with this service account

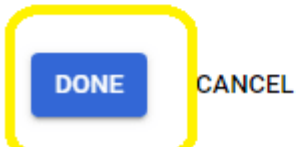
Service account admins role

Grant users the permission to administer this service account

### Create key (optional)

Download a file that contains the private key. Store the file securely as it can't be recovered if lost. However, if you are unsure why you need a key, you can create one for now.

+ CREATE KEY



Now the account is created. Go back to your service account, navigate to **Edit → Show Domain-wide Delegation**, check **Enable G-Suite Domain-wide Delegation**, input a name for product oauth consent, click **Save**.

## Service account status

Disabling your account allows you to preserve your policies without having to delete it.

✔ Account currently active

DISABLE SERVICE ACCOUNT

**Enable G Suite Domain-wide Delegation**  
Allows this service account to be authorized to access all users' data on a G Suite domain without manual authorization on their parts. [Learn more](#)

**i** To change domain wide delegation, a product name for the OAuth consent screen must be configured. You can enter the product name below. On some platforms, the email address is shown with the developer information. To select a different email address, configure consent screen.

CONFIGURE CONSENT SCREEN

Product name for the consent screen

Oauth Service

Assign product name

Email address

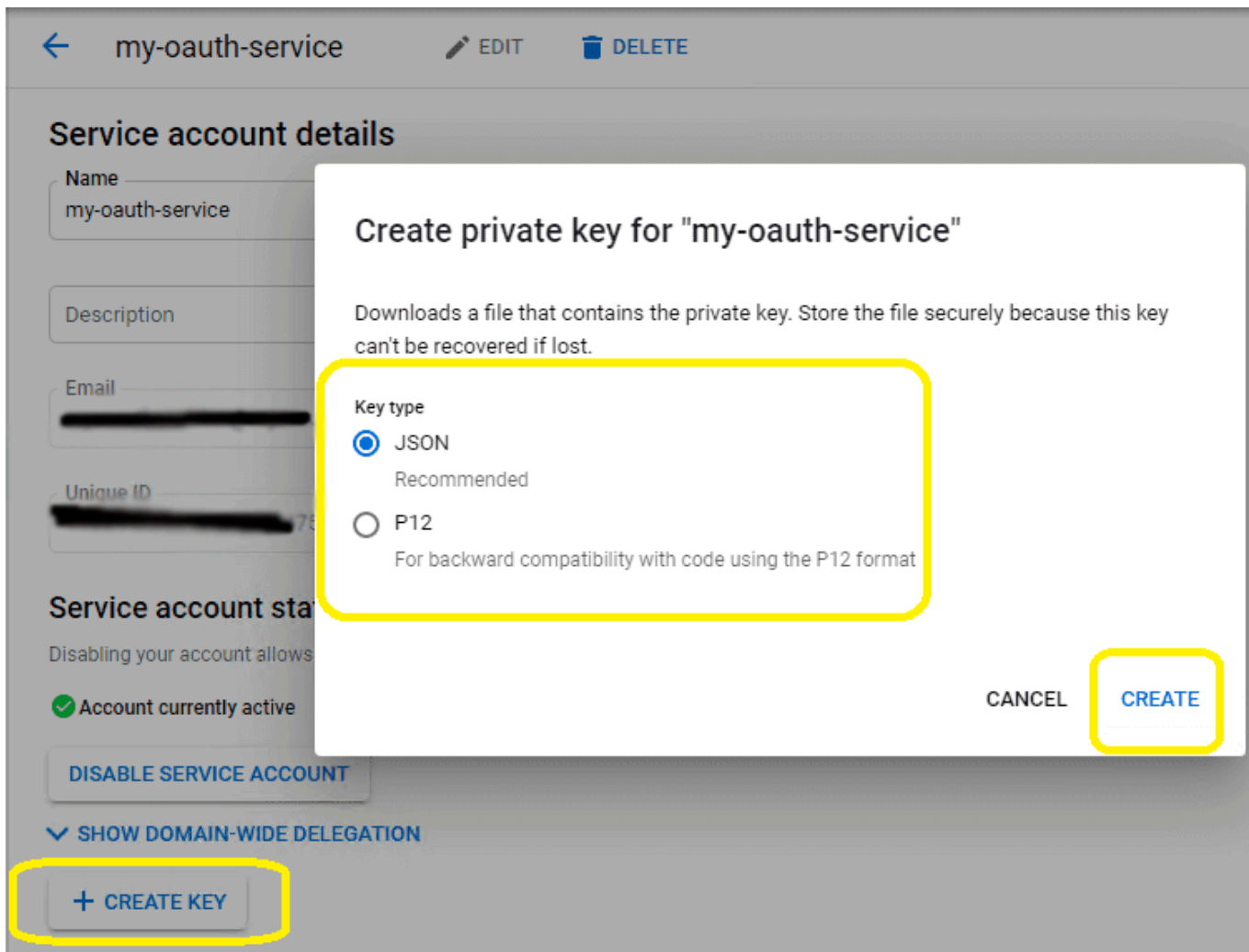
ivan.fedorov@amasty.com



Shown on consent screen for user support.

^ HIDE DOMAIN-WIDE DELEGATION

Go back to your service account again, click **Create Key**, you can select “p12” or “json” key type. For the extension, you need json file format. Generate the file with the private key and save the file to local disk.



Now add upload the file at the Magento admin panel and specify the generated service account email in the appropriate field.

### How to replace an email sender?

Changing of email sender will help you to avoid email overflowing: the email you usually use won't be shown to customers - they will see another sender email instead.

**Note!** The option, that allows you to change the email sender, is available only if you have your own SMTP server.

Complete two easy steps to replace the sender's email:

Step 1. Specify the value **Other** in the field **SMTP Provider** .

## SMTP Configuration

**SMTP Provider** [store view]    
Pre-defined SMTP providers

**Server Address** [store view]   
Either host name or IP address

Step 2. Set the option **Use another Email Sender** to **Yes**, then specify the **Sender Email** and the **Sender Name** fields. You can use either an existing email or a fake one.

**Port** [store view]   
Usually is 25, 587 or 465. Please consult with your service provider.

**Authentication Method** [store view]

**Login** [store view]

**Password** [store view]

**Connection Security** [store view]

**Use Another Email Sender** [store view]   
Be careful! Use Sender with the same domain from where you send mail. Otherwise, your mail server can get into the ban because of spam.

**Sender Email** [store view]

**Sender Name** [store view]

**Send Test E-mail To** [store view]

Make sure, you use the same domain, from which you send the mails. If the domains will differ, your mail will be considered as spam and your mail server will get into the ban.

## Automatic Log Clearing

Old log records can be removed after a certain period (in days). If you set the auto clean to 0, the option won't be applied.

### Automatic Log Clearing

**Clear Sent Emails Log After**   
[global]

Automatically remove old log records after specified number of days. If set to 0, will not auto clean.

**Clear Debug Log After**   
[global]

Automatically remove old log records after specified number of days. If set to 0, will not auto clean.

## Sent Emails Log


To see the list of sent emails please go to **Reports** → **SMTP Email Settings section** → **SMTP Sent Emails Log**.

### Sent Emails Log

 demouser ▾

[Clear Sent Emails Log](#)



 Filters

 Default View ▾

 Columns ▾

3 records found

20  per page  1 of 1 

Date	Subject	Recipient Email	Status	Action
Dec 5, 2019 8:02:05 AM	Your Main Website Store order confirmation	roni_cost@example.com	Pending	<a href="#">View</a>
Dec 5, 2019 8:02:29 AM	Your Main Website Store order confirmation	roni_cost@example.com	Pending	<a href="#">View</a>
Dec 5, 2019 8:04:17 AM	Your Main Website Store order confirmation	roni_cost@example.com	Pending	<a href="#">View</a>

In the log you can see the email subject, the date when it was sent, recipient email, and email status. Click 'View' to see the email content.

---

## View Sent Emails

After clicking 'View' on the **Sent Emails** grid you can see the content of the selected email.

December 21, 2015  
Your Main Website Store order confirmation  
test@example.com



Dear Customer,

Thank you for your order from Main Website Store. Once your package ships we will send you a tracking number. You can check the status of your order by [logging into your account](#).

If you have questions about your order, you can email us at [support@example.com](mailto:support@example.com).

### Your Order #000000003

---

Placed on December 15, 2015 at 4:15:51 AM CST

#### Billing Info

John Doe  
Sacramento California 23rd str  
United States

#### Shipping Info

John Doe  
Sacramento California 23rd str  
United States

---

## Debug Log

To see the extension debug log please go to **Reports** → **SMTP Email Settings section** → **SMTP Debug Log**.

# SMTP Debug Log



Clear Debug Log

Date	↑	Message
Dec 24, 2015 8:19:24 AM		Test e-mail was sent successfully!
Dec 24, 2015 8:19:24 AM		E-mail sent successfully at amsmtp/transport::sendMessage().
Dec 24, 2015 8:19:21 AM		Ready to send e-mail at amsmtp/transport::sendMessage()
Dec 21, 2015 3:47:44 AM		Test e-mail was sent successfully!
Dec 21, 2015 3:47:44 AM		E-mail sent successfully at amsmtp/transport::sendMessage().
Dec 21, 2015 3:47:42 AM		Ready to send e-mail at amsmtp/transport::sendMessage()
Dec 21, 2015 3:47:44 AM		E-mail sent successfully at amsmtp/transport::sendMessage().
Dec 21, 2015 3:47:42 AM		Ready to send e-mail at amsmtp/transport::sendMessage()

At this page you can find out if emails are sent and what errors if any, occur. This data will help you to configure the module. It's recommended to **disable the Debug Mode** once you've successfully setup the module and run the necessary tests.

## What is SPF Record and How to Configure it

Please be aware that it is not mandatory to setup SPF record, however doing so you will increase the chance of email delivery.

**Sender Policy Framework (SPF)** is an email validation system created to prevent email spam on the Internet by detecting email spoofing (creation of emails with forged sender addresses).

**SPF technology consists of two parts** - SPF-record in DNS (Domain Name System) zone of your domain; - email server component of the message recipient or the component of its spam combating system; SPF record is configured by email sender. It contains information about the servers that are allowed to send emails from your domain name.

Although SPF record is optional, today due to the spam issue most email servers may refuse to accept your email without this record or mark it as suspicious or unwanted.

## How to set SPF record for your own SMTP server

If you use your own email server to send emails for your domain (below we use the example.com domain for demonstration) that has IPv4 address xxxx, the SPF record will look like this:

```
example.com. IN TXT "v=spf1 a mx ip4:x.x.x.x ~all"
```

```
example.com. IN SPF "v=spf1 a mx ip4:x.x.x.x ~all"
```

If your server has more than one IPv4 address, you can list them like that: "v=spf1 a mx ip4:x.x.x.x ip4:y.y.y.y ip4:z.z.z.z -all".

If you use IPv6 addresses, the record will be: "ip6:xx:yy::zz", where "xx:yy::zz" is the IPv6 of your email server. In this example, the SPF record allows sending emails for the example.com domain from the IP address specified in the «A» record of the **example.com** domain (a), mail-exchangers of the example.com domain (mx) and from IP address x.x.x.x (ip4:x.x.x.x). The recipient's server will make the decision whether to mark as spam emails from other senders (~ all).

To restrict sending emails from senders not listed in the SPF record, you can use the **"-all"** option instead of **"~all"**. However, in case there are any inaccuracies in your settings you risk to restrict receiving of your mail.

Therefore, use this option only if you are sure that all your settings are correct.

---

## How to set SPF record for Google Apps

If you use **Google Apps** service to send emails for your domain, the SPF record settings will be slightly different.

The addresses of the email servers that are used by Google Apps can vary and consequently you'll have to enable **Google Apps SPF** configuration.

In case you use **Google Apps** to receive emails, but send emails using your **own SMTP** server you need to specify it in the SPF record:

```
example.com. IN TXT "v=spf1 a mx ip4:x.x.x.x include:_spf.google.com ~all"
```

```
example.com. IN SPF "v=spf1 a mx ip4:x.x.x.x include:_spf.google.com ~all"
```

If you use **Google Apps Service** both for sending and receiving emails, the SPF record will be the following:

```
example.com. IN TXT "v=spf1 include:_spf.google.com ~all"
```

```
example.com. IN SPF "v=spf1 include:_spf.google.com ~all"
```

---

To get more details about **SPF settings** for Google Apps, click [here](#).

## Cron Tasks List

Magento 2 SMTP Email Settings extension is preintegrated with Cron Tasks List to provide store owners with an opportunity to track and manage all cron tasks running in the website background.

To view all scheduled and executed cron tasks, go to **System → Cron Tasks List**

Run all cron tasks and generate their schedule by clicking the 'Run Cron' button. Also you can delete separate tasks in bulk, apply filtering and sorting options when it is needed.

### Cron Tasks List

[Run Cron](#)

*Last Cron Activity: 20 seconds ago*

Filters | Default View | Columns

Actions | 652 records found | 20 per page | 1 of 33

ID	Job Code	Status	Created At	Scheduled At	Executed At	Finished At
<input type="checkbox"/>	1038	sales_grid_order_shipment	<span>SUCCESS</span>	Mar 18, 2019 5:47:11 AM	Mar 18, 2019 5:47:00 AM	Mar 18, 2019 5:47:20 AM
<input type="checkbox"/>	1058	sales_grid_creditmemo_async	<span>SUCCESS</span>	Mar 18, 2019 5:47:11 AM	Mar 18, 2019 5:47:00 AM	Mar 18, 2019 5:47:20 AM
<input type="checkbox"/>	1078	sales_send_order_emails	<span>SUCCESS</span>	Mar 18, 2019 5:47:11 AM	Mar 18, 2019 5:47:00 AM	Mar 18, 2019 5:47:20 AM
<input type="checkbox"/>	1098	sales_order_invoice_emails	<span>SUCCESS</span>	Mar 18, 2019 5:47:11 AM	Mar 18, 2019 5:47:00 AM	Mar 18, 2019 5:47:20 AM
<input type="checkbox"/>	1118	sales_send_order_shipment	<span>SUCCESS</span>	Mar 18, 2019 5:47:11 AM	Mar 18, 2019 5:47:00 AM	Mar 18, 2019 5:47:20 AM
<input type="checkbox"/>	1196	indexer_reindex_all_invalid	<span>SUCCESS</span>	Mar 18, 2019 5:47:13 AM	Mar 18, 2019 5:47:00 AM	Mar 18, 2019 5:47:21 AM
<input type="checkbox"/>	1200	indexer_update_all_views	<span>MISSED</span>	Mar 18, 2019 5:47:13 AM	Mar 18, 2019 5:47:00 AM	Mar 18, 2019 5:47:21 AM
<input type="checkbox"/>	1018	sales_grid_order_invoice_async	<span>SUCCESS</span>	Mar 18, 2019 5:47:11 AM	Mar 18, 2019 5:47:00 AM	Mar 18, 2019 5:47:20 AM
<input type="checkbox"/>	1024	sales_grid_order_invoice_async	<span>PENDING</span>	Mar 18, 2019 5:47:11 AM	Mar 18, 2019 5:53:00 AM	
<input type="checkbox"/>	1025	sales_grid_order_invoice_async	<span>PENDING</span>	Mar 18, 2019 5:47:11 AM	Mar 18, 2019 5:54:00 AM	

[ADD TO CART](#)

[GO TO EXTENSION PAGE](#)

Find out how to install the SMTP Email Settings extension via [Composer](#).

From:

<https://stg.amasty.net/docs/> - **Amasty Extensions FAQ**

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[https://stg.amasty.net/docs/doku.php?id=magento\\_2:smtp-email-settings](https://stg.amasty.net/docs/doku.php?id=magento_2:smtp-email-settings)



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