

Google Indexing API

This "Google Indexing API" module allows any store owner to directly notify Google when pages are added, removed or updated. This allows Google to schedule pages for a fresh crawl, so the information in Google will be updated instantly.

By default, the store products are indexed by the sitemap. But waiting for Google crawler to refresh your products automatically can be a very slow process. Often certain information has a short expiry date and them staying in Google index is not useful. It is also very important to publish information faster than your competitors. With our module you will avoid such a problem.

Why Google fast indexing is important

- Important for time-sensitive content (ex.: a promotion for the product was announced)
- Published information is faster than your competitors (also result is better rating)
- Always fresh information (as a result you get better quality traffic)
- Improve page rating with the latest and unique information (because you are the first)
- Sometimes Google loses links from sitemap, you will provide all links automatically when updating the products

Module features

- Automatically notify Google when pages are added, removed or updated
- Automatically send request to Google for products indexing
- Automatically send request to Google for combinations indexing
- Send individual request by typing page link manually
- Select products languages (if you do not want to use all languages)
- Set daily quota how many requests you can send to Google Indexing service
- Get last actions log

Install instruction

The installation of the module is very simple. Login to the Prestashop admin panel, click on "Modules" tab.

Then click the "Add a new module" link and upload the "Google Indexing API" module. After this just click the "Install" button and it is done.

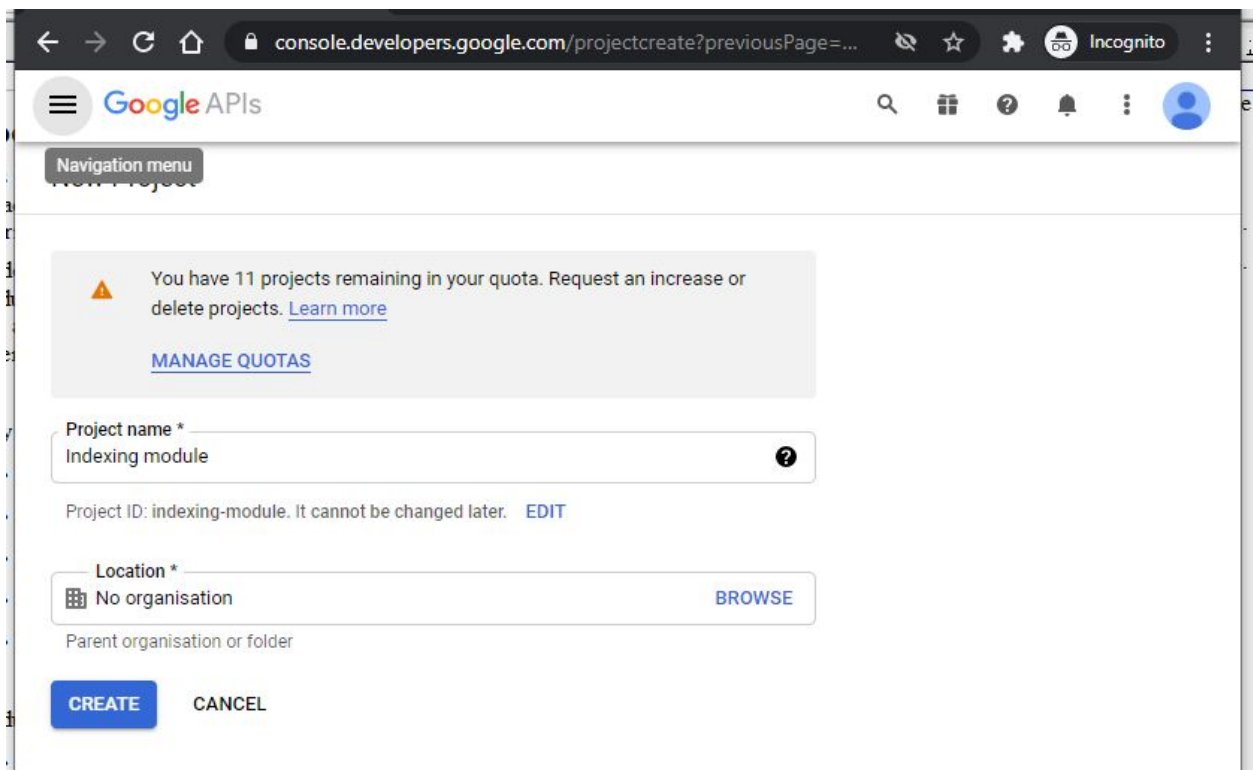
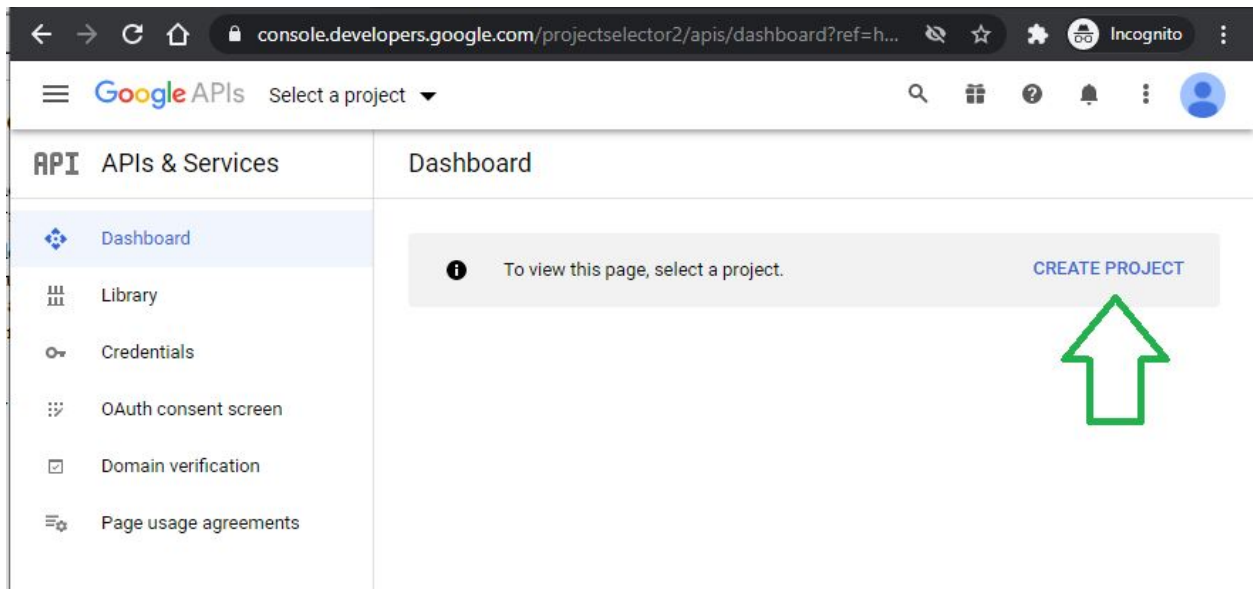
Uninstall instruction

Just click the "uninstall" button in Prestashop admin panel / modules.

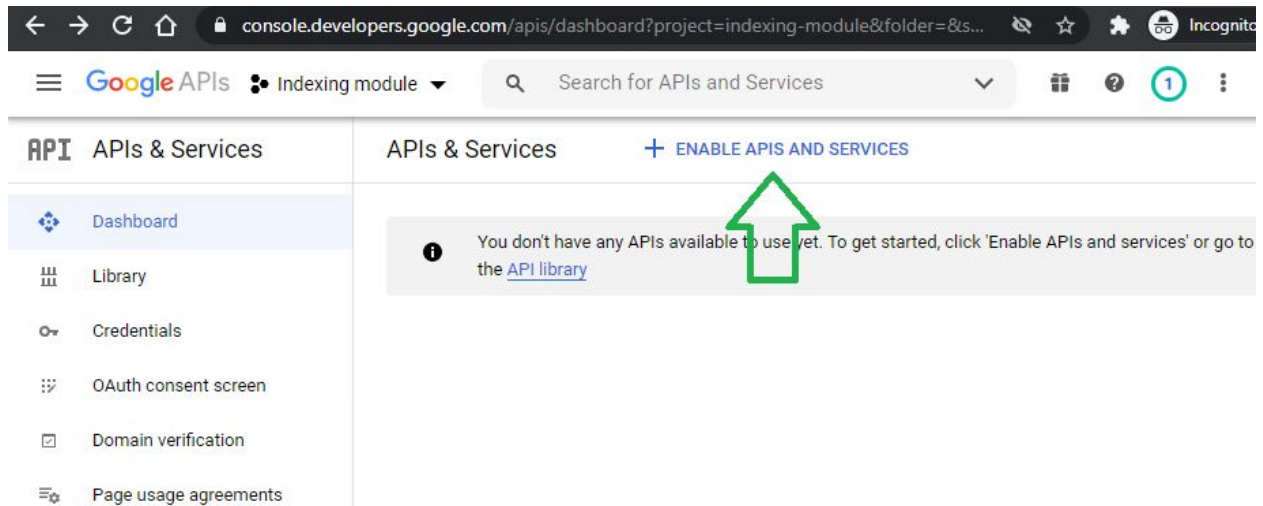
Setup Google API JSON Key

Step 1. Go to “Google APIs” page: <https://console.developers.google.com/>

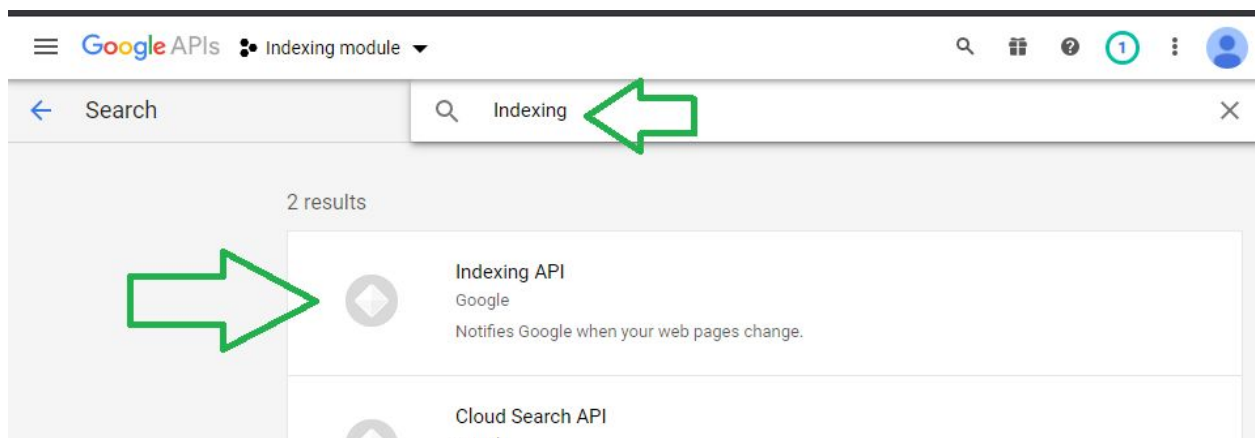
Step 2. Create new project



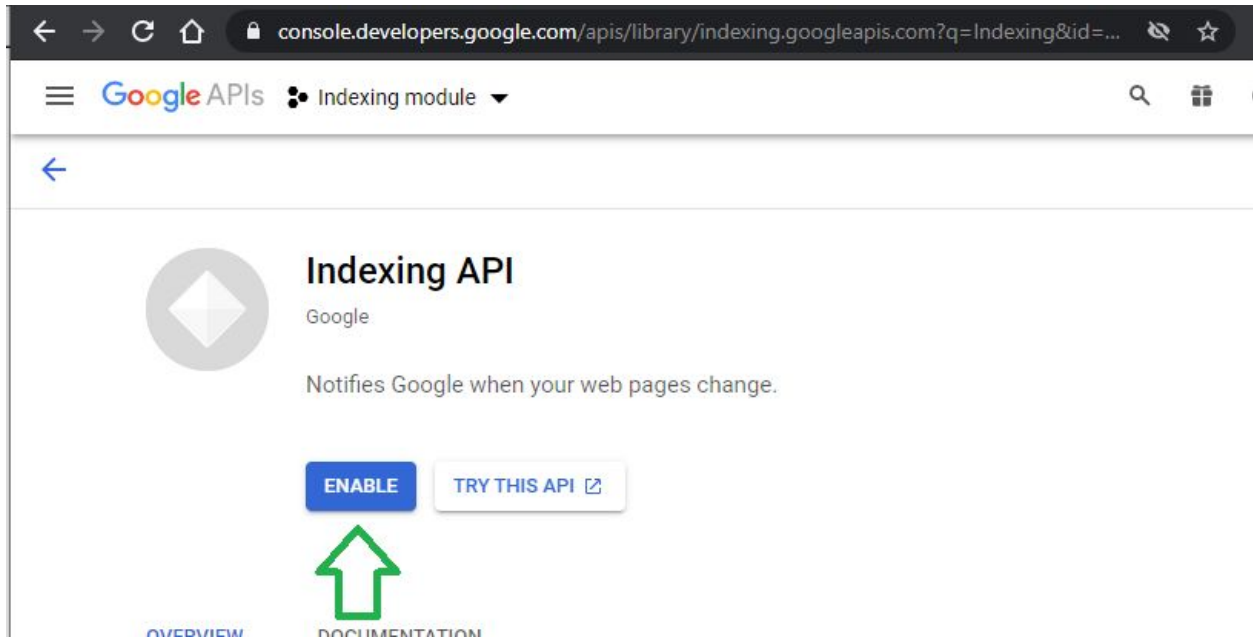
Step 3. Add new API by clicking “ENABLE APIS AND SERVICES”



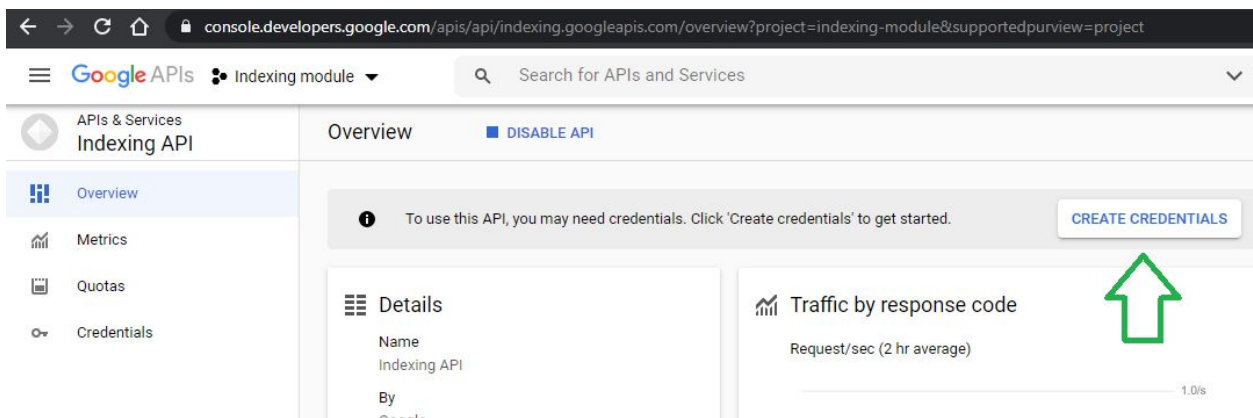
Step 3.1. Enter “Indexing” in the search field and then select “Indexing API” from the list.



Step 3.2. Click the button “Enable”



Step 4. Now you need to create “credentials”



Step 4.1. Fill in the project parameters

Google APIs

Indexing module

Search for APIs and Services

APIs & Services

Credentials

Dashboard

Library

Credentials

OAuth consent screen

Domain verification

Page usage agreements

Add credentials to your project

- Find out what kind of credentials you need

We'll help you set up the correct credentials.
If you want 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.

Indexing API

Where will you be calling the API from?
Credentials can be restricted using details of the context from which they're called. Some credentials are unsafe to use in certain contexts.

Other UI (e.g. Windows, CLI tool)

What data will you be accessing?
Different credentials are required to authorise access depending on the type of data that you request.

☐ User data
Access data belonging to a Google user, with their permission

☒ Application data
Access data belonging to your own application

What credentials do I need?

Step 4.2. Create service account

API APIs & Services

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Library

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Page usage agreements

Add credentials to your project

1 Find out what kind of credentials you need
Calling Indexing API from a UI-based platform

2 Create a service account

Service account name

Role

Service account ID
 @indexing-module.iam.gserviceaccount.com

Key type
Downloads a file that contains the private key. Store the file securely because this key cannot be recovered if lost.

☒ JSON
Recommended

☐ P12
For backward compatibility with code using the P12 format

[Continue](#)

Step 4.3 Download JSON Key (If you need to, you can always download it again and later.)

API APIs & Services

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[Continue](#)

Service account and key created

Service account indexing-module has been created. The account's private key Indexing module-5e992c558511.json has been saved on your computer.

Warning: Indexing module-5e992c558511.json allows access to your cloud resources, so store it securely. [Learn more](#)

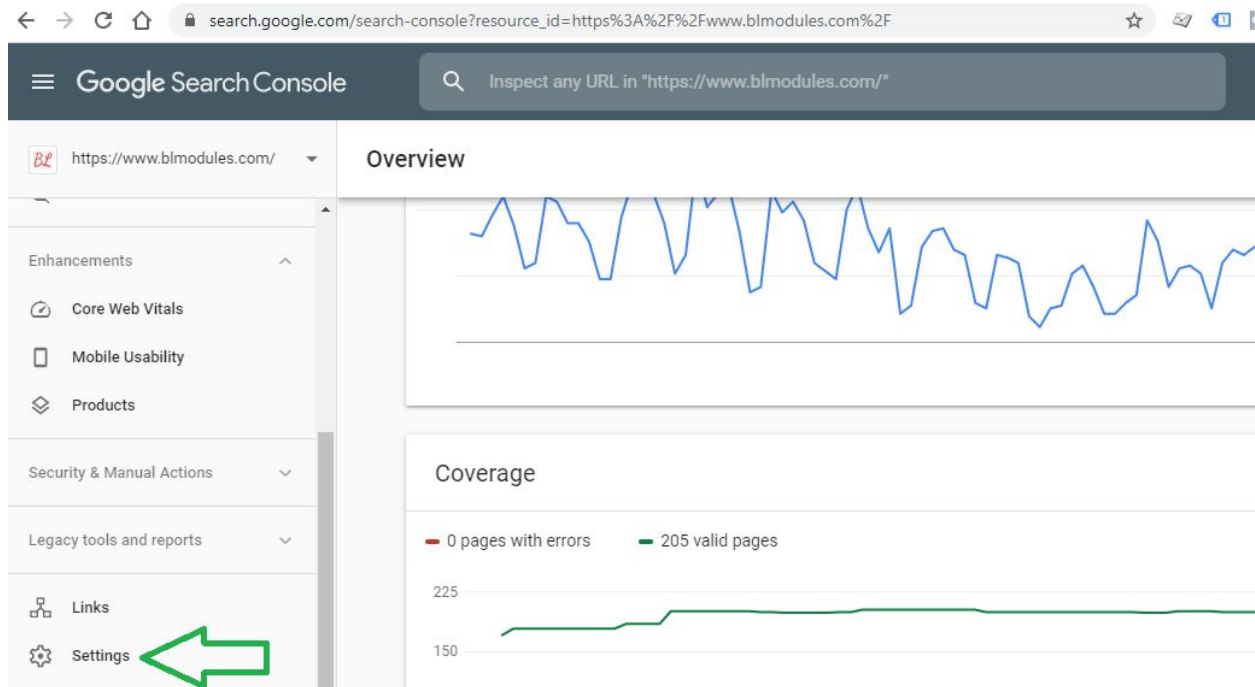
[CLOSE](#)

Indexing module-....json

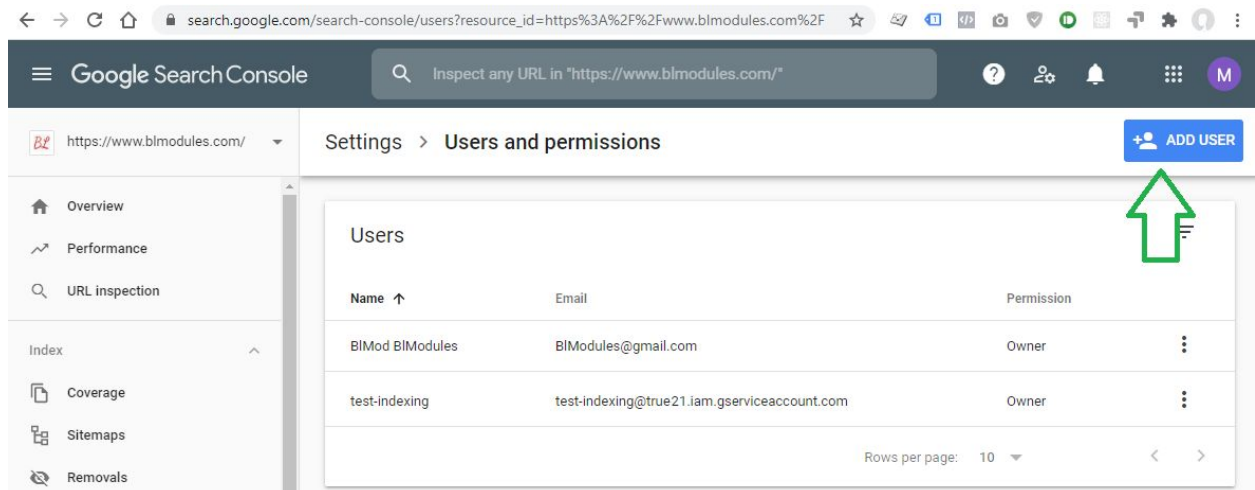
Step 5. Now we need to add this new service account into Google Search console.

Page: <https://search.google.com/search-console>

Step 6. Click on “Settings” and then on “Users and permissions”



Step 7. Click button “Add User”



Step 8. Insert email from JSON file (client_email field) and set permissions "Full"

search.google.com/search-console/users?resource_id=https%3A%2F%2Fwww.blmodules.com%2F

Google Search Console

Inspect any URL in "https://www.blmodules.com/"

https://www.blmodules.com/ Settings > Users and permissions

Add user

Email address

indexing-module@indexing-module.iam.gserviceaccount.com

Permission

Full

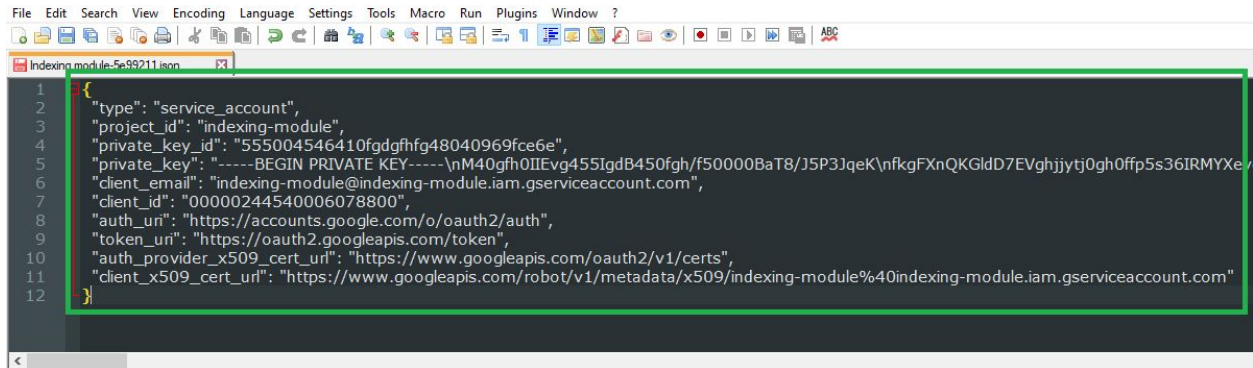
CANCEL ADD

rows per page:

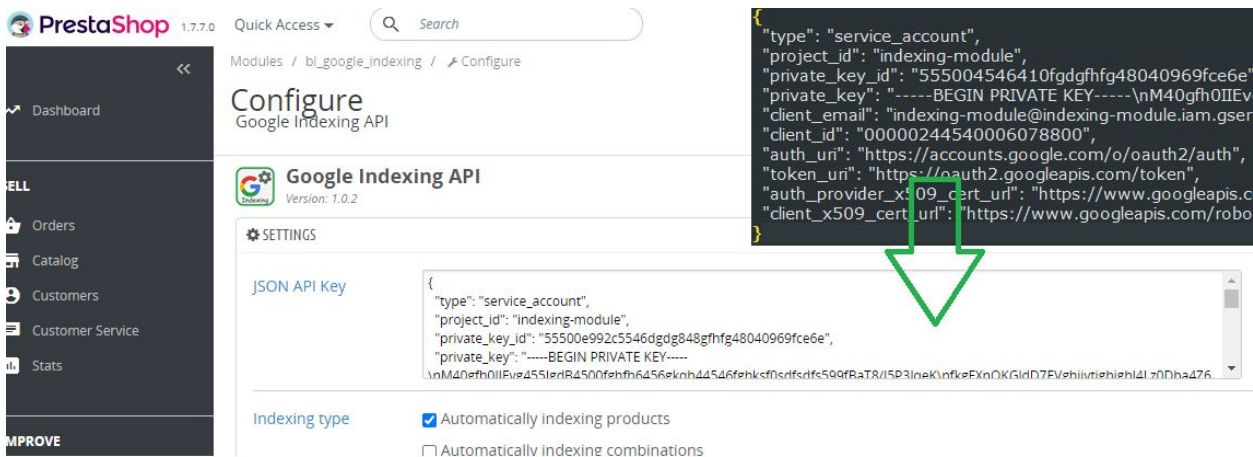
JSON file:

```
1 {
2   "type": "service_account",
3   "project_id": "indexing-module",
4   "private_key_id": "555004546410fgdgfhfg48040969fce6e",
5   "private_key": "-----BEGIN PRIVATE KEY-----\nM40gfh0IIEvg455IgdB450fgh/f50000BaT8/35P3JqeK\n6   \"client_email\": \"indexing-module@indexing-module.iam.gserviceaccount.com\",
7   \"client_id\": \"00000244540006078800\",
8   \"auth_uri\": \"https://accounts.google.com/o/oauth2/auth\",
9   \"token_uri\": \"https://oauth2.googleapis.com/token\",
10  \"auth_provider_x509_cert_url\": \"https://www.googleapis.com/oauth2/v1/certs\",
11  \"client_x509_cert_url\": \"https://www.googleapis.com/robot/v1/metadata/x509/indexing-module%40indexing
12 }
```


Step 9. Copy JSON Key to Prestashop "Google Indexing API" module settings page, „JSON API Key“ field



```
1 {
2   "type": "service_account",
3   "project_id": "indexing-module",
4   "private_key_id": "555004546410fgdgfhfg48040969fce6e",
5   "private_key": "-----BEGIN PRIVATE KEY-----\nM40gfh0IIEvg455IgdB450fgh/f50000BaT8/J5P3JqeK\n6   \"client_email\": \"indexing-module@indexing-module.iam.gserviceaccount.com\",
7   \"client_id\": \"00000244540006078800\",
8   \"auth_uri\": \"https://accounts.google.com/o/oauth2/auth\",
9   \"token_uri\": \"https://oauth2.googleapis.com/token\",
10  \"auth_provider_x509_cert_url\": \"https://www.googleapis.com/oauth2/v1/certs\",
11  \"client_x509_cert_url\": \"https://www.googleapis.com/robot/v1/metadata/x509/indexing-module%40indexing-module.iam.gserviceaccount.com\"
12 }
```



PrestaShop 1.7.7.0 Quick Access Search

Modules / bl_google_indexing / Configure

Configure Google Indexing API

Google Indexing API
Version: 1.0.2

SETTINGS

JSON API Key

```
{
  "type": "service_account",
  "project_id": "indexing-module",
  "private_key_id": "55500e992c5546dgdg848gfhfg48040969fce6e",
  "private_key": "-----BEGIN PRIVATE KEY-----\nM40gfh0IIEvg455IgdB450fgh/f50000BaT8/J5P3JqeK\n6   \"client_email\": \"indexing-module@indexing-module.iam.gserviceaccount.com\",
7   \"client_id\": \"00000244540006078800\",
8   \"auth_uri\": \"https://accounts.google.com/o/oauth2/auth\",
9   \"token_uri\": \"https://oauth2.googleapis.com/token\",
10  \"auth_provider_x509_cert_url\": \"https://www.googleapis.com/oauth2/v1/certs\",
11  \"client_x509_cert_url\": \"https://www.googleapis.com/robot/v1/metadata/x509/indexing-module%40indexing-module.iam.gserviceaccount.com\"
12 }
```

Indexing type

☒ Automatically indexing products

☐ Automatically indexing combinations

Save the settings and that's it. Well done.