

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.

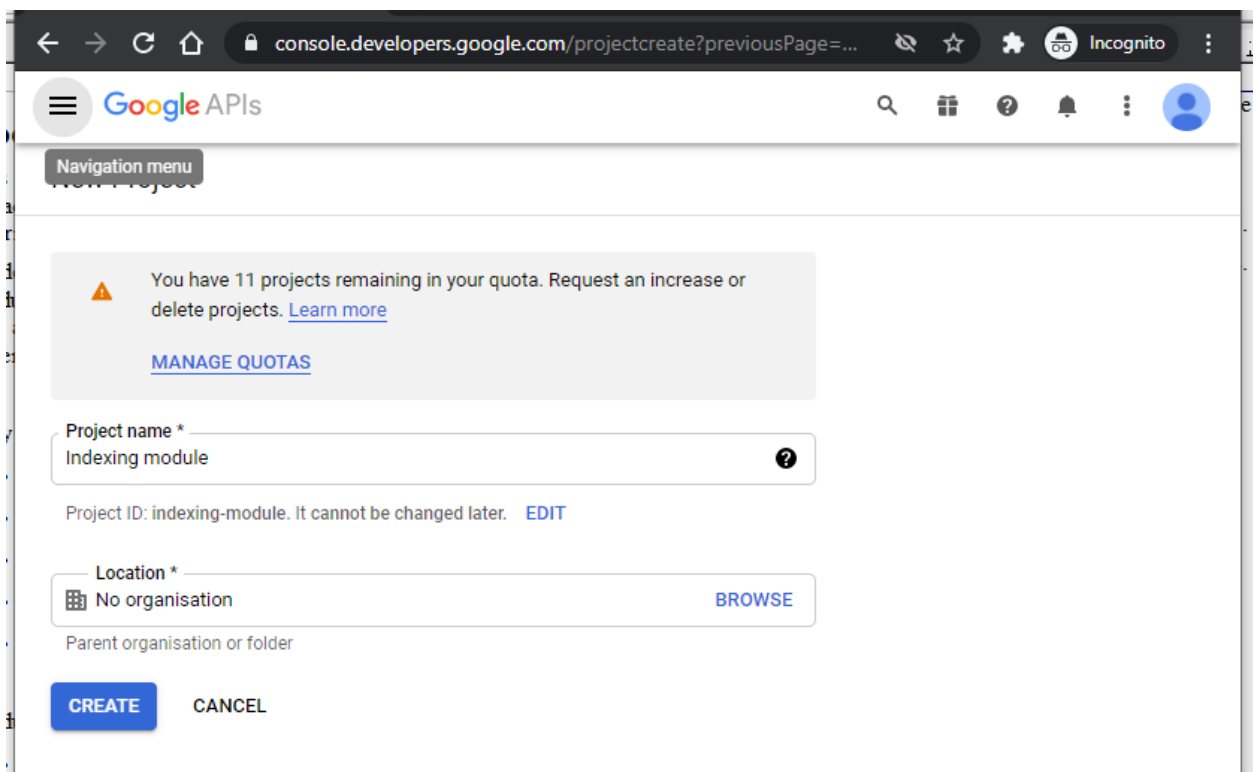
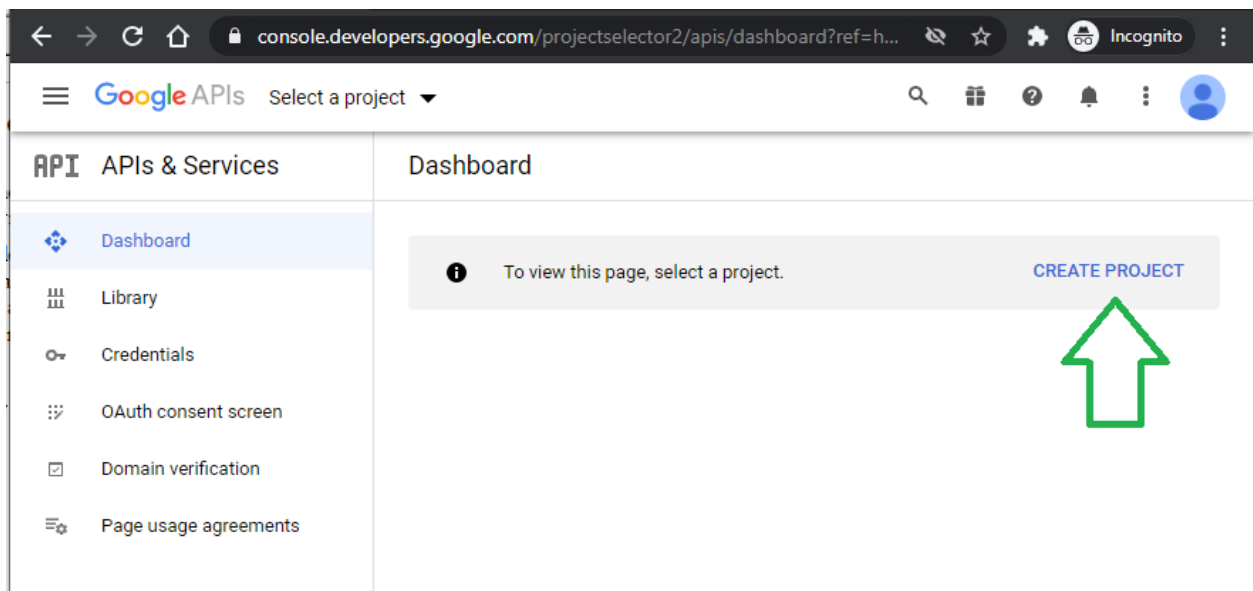
Uninstall instruction

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

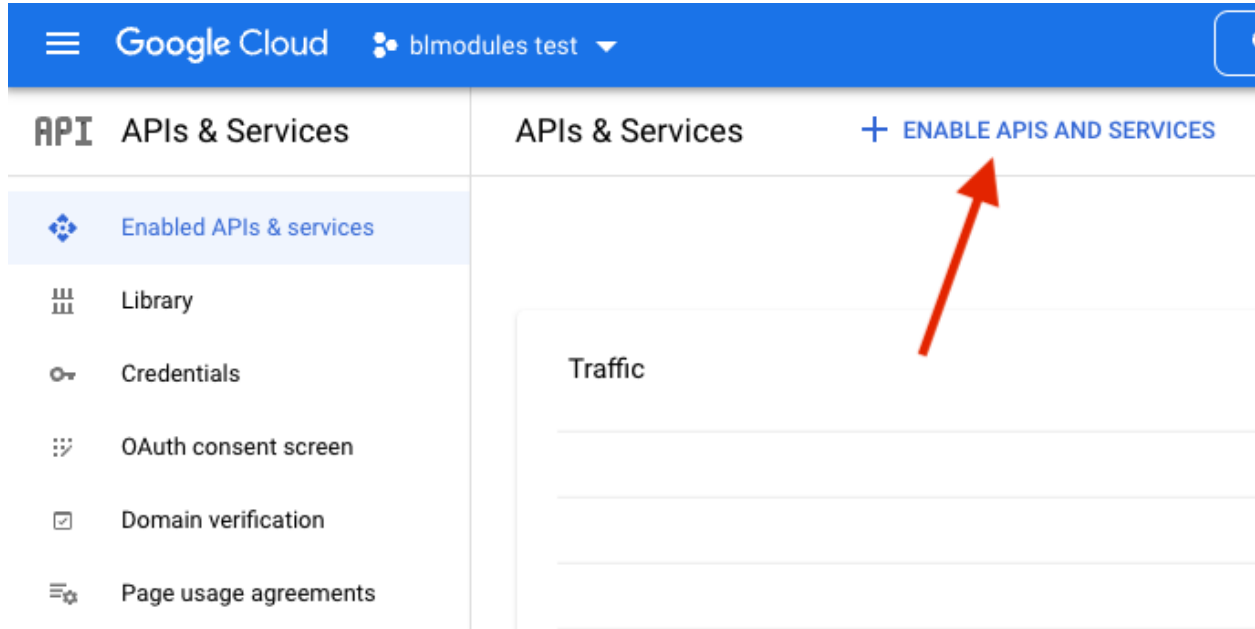
Setup Google API JSON Key

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

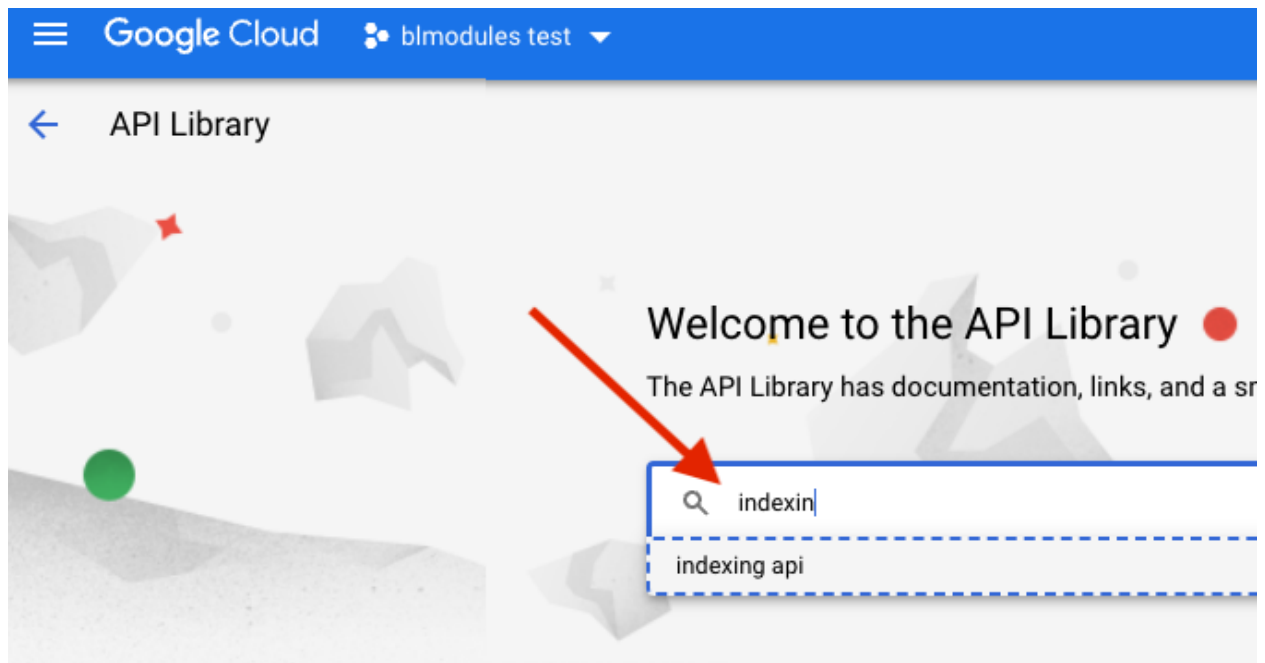
Step 2. Create a new project (if you don't have it, if you have it skip to step 3)



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.



Google Cloud blmodules test

API API Library

indexing api

API Library > "indexing api"


Filter Type to filter

Category ^

Google Enterprise APIs (1)

Other (1)


2 results


 **Indexing API**
Google
Notifies Google when your web pages change.

Step 3.2. Click the button "MANAGE"

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←

 **Indexing API**
[Google](#)
Notifies Google when your web pages change.

MANAGE [TRY THIS API](#)  API Enabled

Step 4. Now you need to create “credentials”

The screenshot shows the Google Cloud console interface for the project 'blmodules test'. The left sidebar is titled 'APIs & Services' and contains a list of options: 'Enabled APIs & services', 'Library', 'Credentials' (highlighted), 'OAuth consent screen', 'Domain verification', and 'Page usage agreements'. A red arrow labeled 'Step 1' points to the 'Credentials' option. The main content area is titled 'Credentials' and features a '+ CREATE CREDENTIALS' button and a 'DELETE' button. Below this, there are sections for 'API Keys' and 'OAuth 2.0 Client ID'. A red arrow labeled 'Step 2' points to the '+ CREATE CREDENTIALS' button. A red arrow labeled 'Step 3' points to the 'Service account' option in the dropdown menu that appears when the '+ CREATE CREDENTIALS' button is clicked. The dropdown menu also includes 'API key', 'OAuth client ID', and 'Help me choose'.

Google Cloud blmodules test

APIs & Services

Enabled APIs & services

Library

Credentials

OAuth consent screen

Domain verification

Page usage agreements

Credentials

+ CREATE CREDENTIALS

DELETE

Create credentials to access your project

API Keys

Name

OAuth 2.0 Client ID

Name

API key
Identifies your project using a simple API key to

OAuth client ID
Requests user consent so your app can access

Service account
Enables server-to-server, app-level authenticatic

Help me choose
Asks a few questions to help you decide which

Step 4.1. Fill in the project parameters (service account name) and click “DONE”.

1 Service account details

Service account name
Indexing API

Display name for this service account

Service account ID *
indexing-api

Email address: indexing-api@blmodules-test.iam.gserviceaccount.com

Service account description

Describe what this service account will do

[CREATE AND CONTINUE](#)

2 Grant this service account access to project (optional)

3 Grant users access to this service account (optional)

[DONE](#) [CANCEL](#)

Step 4.2. Create service account

API

APIs & Services

Enabled APIs & services

Library

Credentials

OAuth consent screen

Domain verification

Page usage agreements

Credentials

+ CREATE CREDENTIALS

DELET

Create credentials to access your enabled APIs. [Learn more](#)

API Keys

☐

Name

OAuth 2.0 Client IDs

☐

Name

Service Accounts

☐

Email

☐

[indexing-api@blmodules-test.iam.gserviceaccount.com](#)

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

The screenshot shows the Google Cloud IAM & Admin console interface. The left sidebar contains a navigation menu with the following items: IAM, Identity & Organization, Policy Troubleshooter, Policy Analyzer, Organization Policies, Service Accounts (highlighted), Workload Identity Federation, Labels, and Tags. The main content area is titled 'Indexing API' and has four tabs: DETAILS, PERMISSIONS, KEYS (selected), and METRICS. A red arrow labeled 'Step 1' points to the 'KEYS' tab. Below the tabs, there is a 'Keys' section with a warning message: 'Service account keys could pose a security risk if compromised. [Learn more](#).' Below this, there is a text block: 'Add a new key pair or upload a public key certificate from an existing key pair. Block service account key creation using [organization policies](#). [Learn more about setting organization policies for service accounts](#).' A red arrow labeled 'Step 2' points to the 'ADD KEY' button. A dropdown menu is open below the button, showing two options: 'Create new key' and 'Upload existing key'. A red arrow labeled 'Step 3' points to the 'Create new key' option. Below the dropdown, there is a table with two columns: 'Key creation date' and 'Key expiration date'.

Google Cloud blmodules test

IAM & Admin

Indexing API

DETAILS PERMISSIONS **KEYS** METRICS

Keys

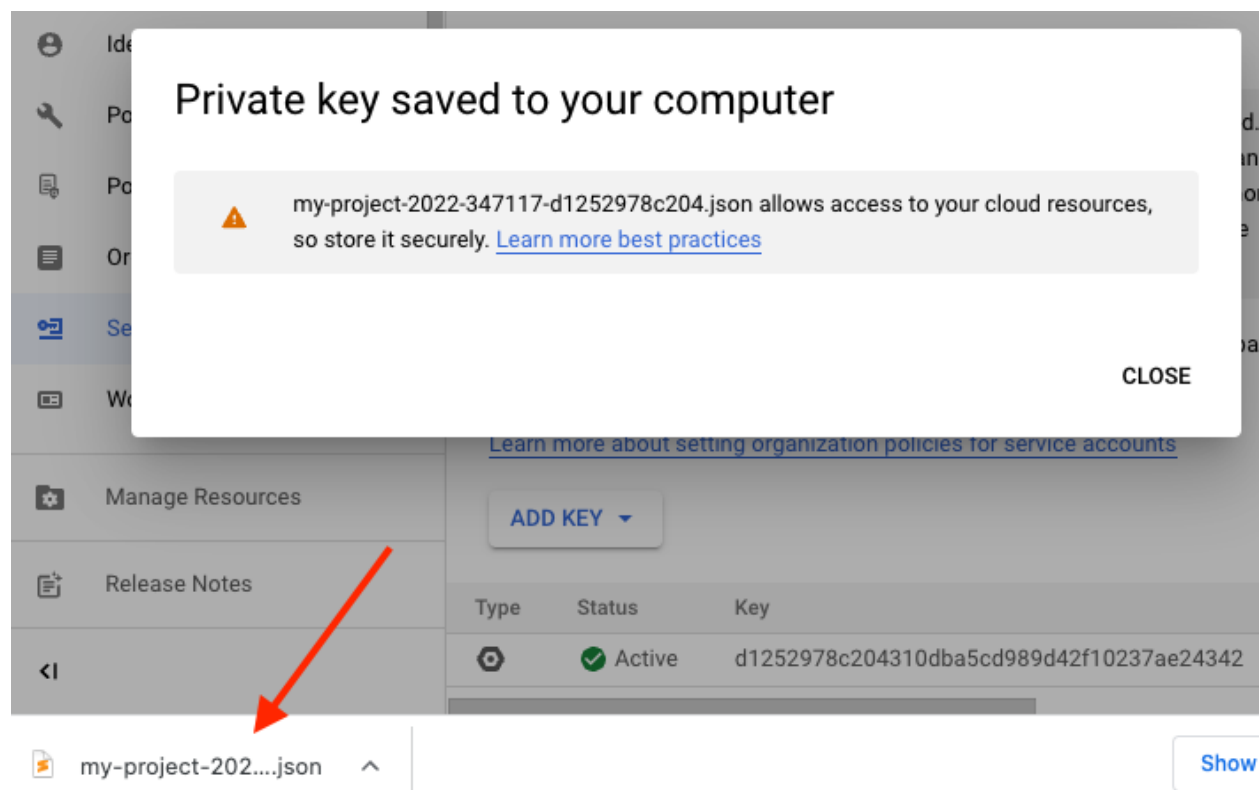
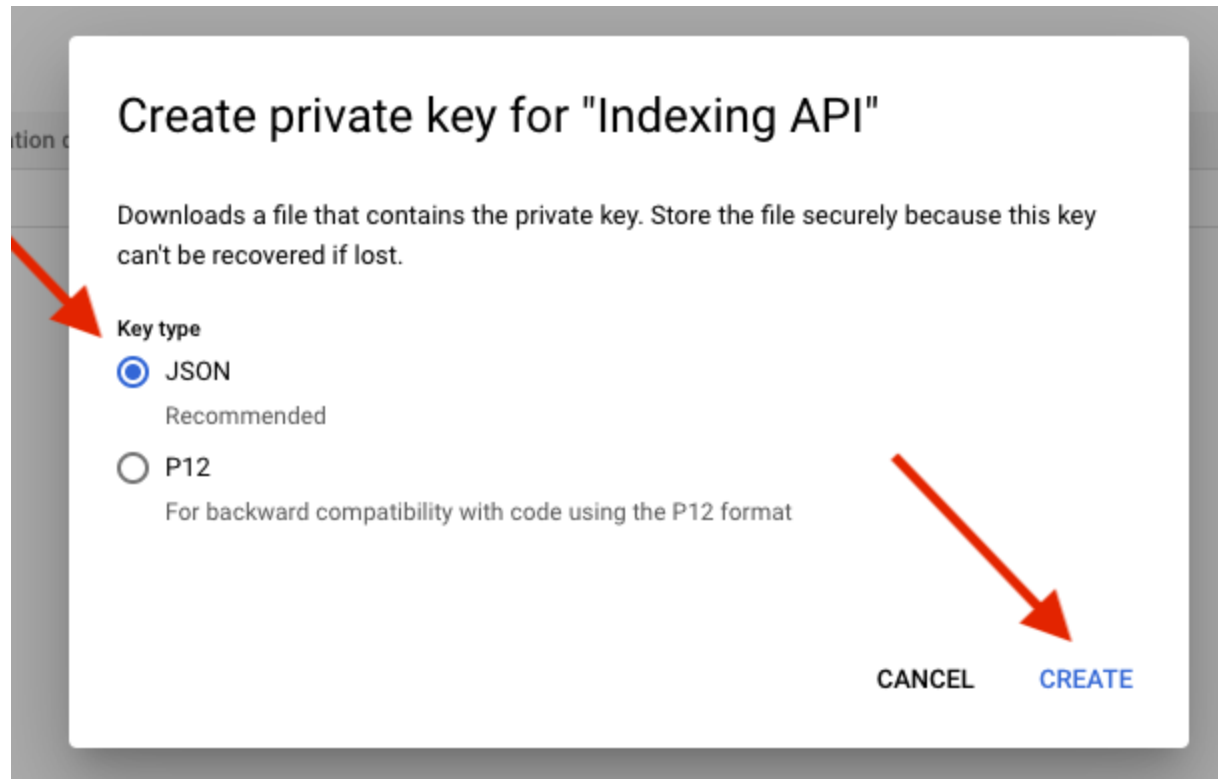
Service account keys could pose a security risk if compromised. [Learn more](#).

Add a new key pair or upload a public key certificate from an existing key pair. Block service account key creation using [organization policies](#). [Learn more about setting organization policies for service accounts](#)

ADD KEY

- Create new key
- Upload existing key

Key creation date	Key expiration date
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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”

The screenshot shows the Google Search Console interface for the URL <https://www.blmodu...>. The left sidebar contains navigation links: Overview, Performance, URL inspection, Index, Experience, Shopping, Enhancements, Security & Manual Actions, Legacy tools and reports, Links, and Settings. The 'Settings' link is highlighted with a red arrow labeled 'Step 1'. The main content area is titled 'Settings' and is divided into three sections: General settings, Crawling, and About. The 'General settings' section contains a table with the following data:

General settings	
Ownership verification	You are a verified owner
Users and permissions	BIMod BIModules, indexing-module
Associations	Google Analytics
Change of address	Inform Google when your site move

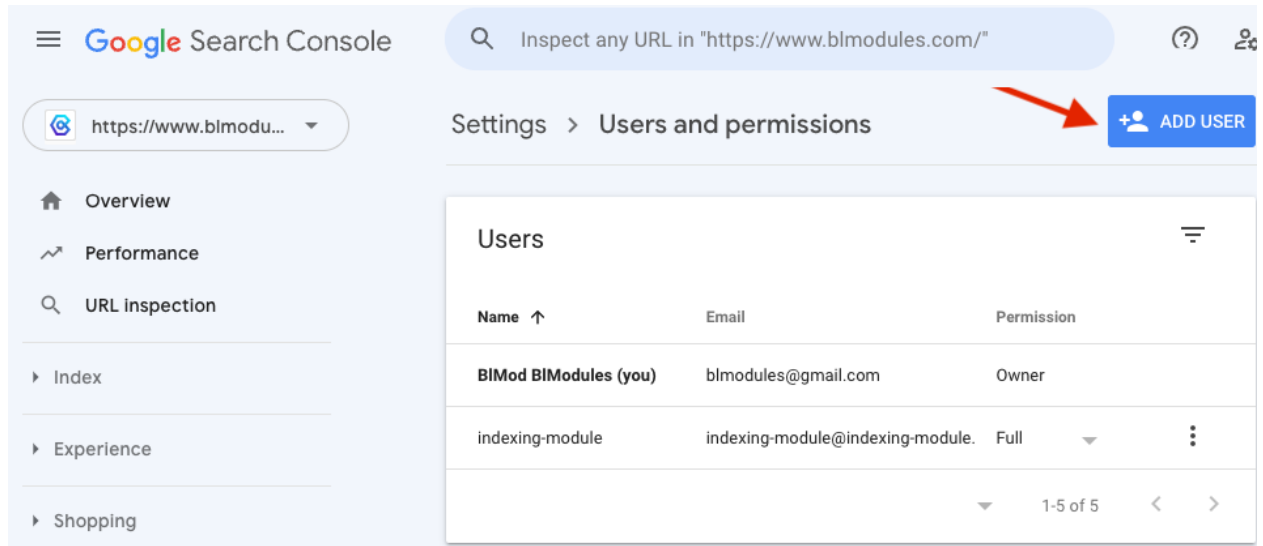
A red arrow labeled 'Step 2' points to the 'Users and permissions' link in this table. The 'Crawling' section contains a table with the following data:

Crawling	
Crawl stats	5.77K crawl requests (last 90 day

The 'About' section contains a table with the following data:

About	
Indexing crawler	Googlebot Smartphone (switched

Step 7. Click button “Add User”



The screenshot shows the Google Search Console interface. The top navigation bar includes the Google logo, 'Search Console', a search bar with the text 'Inspect any URL in "https://www.blmodules.com/"', and a user profile icon. Below the navigation bar, the breadcrumb path 'Settings > Users and permissions' is visible. A red arrow points to a blue 'ADD USER' button located in the top right corner of the main content area. On the left side, there is a sidebar with a menu containing 'Overview', 'Performance', 'URL inspection', 'Index', 'Experience', and 'Shopping'. The main content area displays a table titled 'Users' with columns for 'Name', 'Email', and 'Permission'. The table lists two users: 'BIMod BIModules (you)' and 'indexing-module'. The 'indexing-module' user has a dropdown arrow next to its permission level, and a vertical ellipsis menu icon is visible to the right of the table rows. At the bottom of the table, there is a pagination indicator showing '1-5 of 5' with navigation arrows.

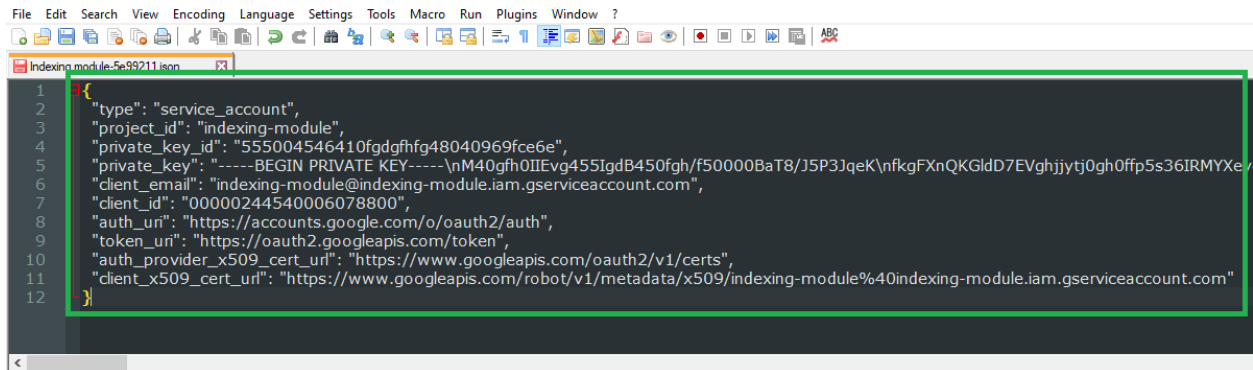
Name ↑	Email	Permission
BIMod BIModules (you)	blmodules@gmail.com	Owner
indexing-module	indexing-module@indexing-module.	Full

Step 8. Insert email from JSON file (client_email field) and set permissions "Owner", click "ADD"
(Sometimes need to use Full instead off Owner, so please change it if a permission issue appears)

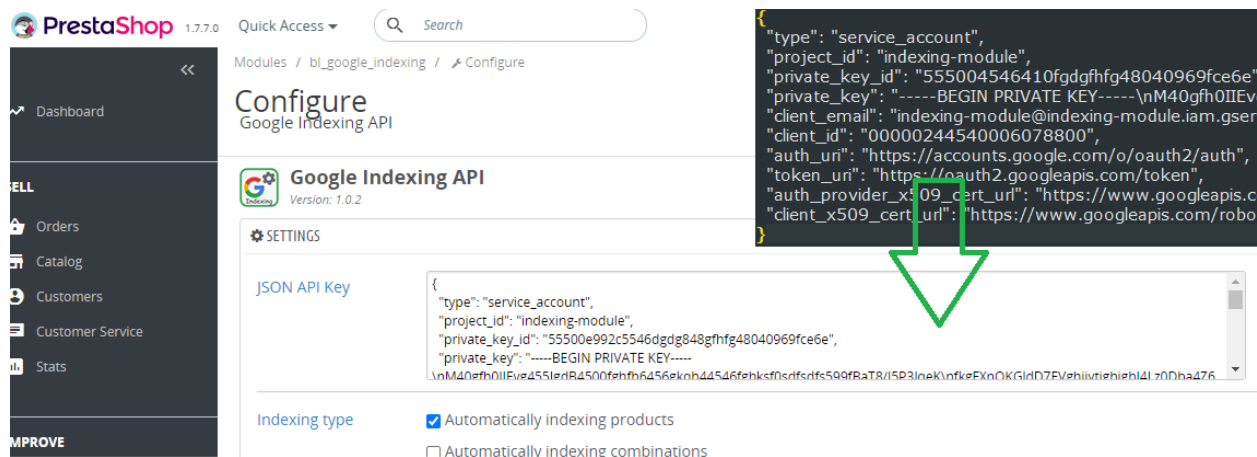
The screenshot shows the 'Add user' dialog in the Google Cloud IAM console. The left sidebar contains a menu with 'Shopping', 'Enhancements', 'Security & Manual Actions', 'Legacy tools and reports', 'Links', and 'Settings'. The 'Add user' dialog has a title bar 'Add user' and a 'Rows per page' dropdown. It contains three steps: Step 1 (Email address) with the value 'indexing-modules2022009@blmodules-test.iam.gserviceaccount.com', Step 2 (Permission) with the value 'Owner', and Step 3 (a dropdown menu). At the bottom right are 'CANCEL' and 'ADD' buttons. Red arrows point from the 'Settings' menu item to Step 1, from Step 1 to Step 2, and from Step 2 to Step 3. Below the dialog is a JSON snippet showing the 'client_email' field.

```
{
  "type": "service_account",
  "project_id": "blmodules-test",
  "private_key_id": "59b51ad8adfg48Esddf656.2210f1acba0c49",
  "private_key": "-----BEGIN PRIVATE KEY-----\nMIIIEvSAIBfgWBKcwg546SAD56WD46d54",
  "client_email": "indexing-modules2022009@blmodules-test.iam.gserviceaccount.c",
  "client_id": "11448904515008898",
  "auth_uri": "https://accounts.google.com/o/oauth2/auth",
  "token_uri": "https://oauth2.googleapis.com/token",
  "auth_provider_x509_cert_url": "https://www.googleapis.com/oauth2/v1/certs",
  "client_x509_cert_url": "https://www.googleapis.com/robot/v1/metadata/x509/in"
}
```

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": "555004546410fgdghfg48040969fce6e",
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 }
```



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

Still have permissions issues?

Please try two options:

Option #1: Change permission from Full to Owner on Google Search console (Step 8).

Option #2: Google console has strange issues with the compatibility with old version. Sometimes need to login into the old version of Google console (Google Webmaster) and there confirm the owner.