

Mirasvit Google Indexing and Analytics Manual

Getting Started

Welcome to the **Google Indexing and Analytics Documentation**. Whether you are a new or an advanced user, you can find some useful information here.

First of all, we recommend you check the following link:

- [How to install extension](#)

How to install the extension

1. Backup your store's database and web directory.
2. Login to your server's SSH console and navigate to the root directory of the Magento 2 store.
3. Copy the installation instructions from the page [My Downloadable Products](#) into the SSH console and press ENTER.
4. Run the command below to enable the extension:

```
php -f bin/magento module:enable Mirasvit_Core Mirasvit_SearchConsole
```

5. Run the command below to install the extension:

```
php -f bin/magento setup:upgrade
```

6. Run the command below to clean the cache:

```
php -f bin/magento cache:clean
```

7. Deploy static view files:

```
rm -rf pub/static/frontend/*; rm -rf pub/static/backend/*; rm -rf var/
php -f bin/magento setup:static-content:deploy
```

8. Make sure that the native Magento cronjob is configured and working correctly.

Google Indexing and Analytics settings

The settings of Google Indexing and Analytics are located at **Stores ? Configuration ? Mirasvit Extensions ? Google Indexing and Analytics** and are grouped into the following sections:

- [General Settings](#) - basic configuration of the extension;
- [Indexing](#) - Google indexing settings;

- [Analytics](#) - Google analytics settings;

Extended Settings

- **Enable** - enable/disable extension. If enabled, the **Submit for Indexing** button will be added to every edit page for [supported entities](#)
- **Google Service Account Keys File** - upload the auth file to connect to your Google Search Console project. More information about how to configure Google Cloud Project and receive the auth file can be found [here](#)

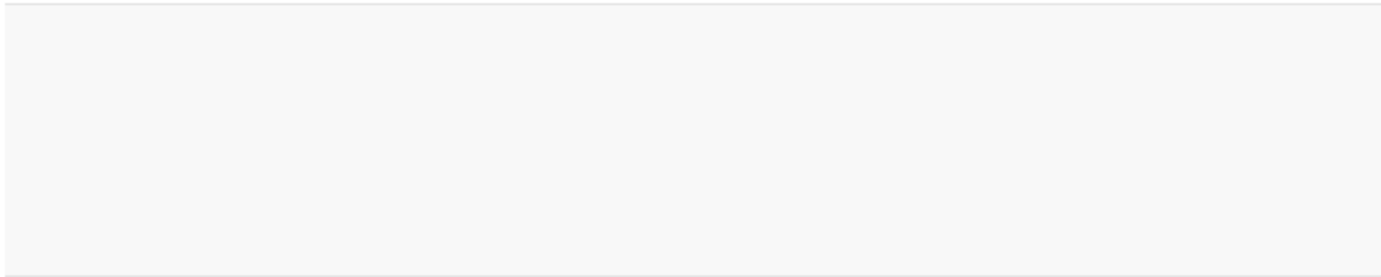
Indexing

- **Submit URLs to reindex by cron** - enable/disable processing indexing queue on a cron basis. If disabled, URLs still can be submitted for indexing from the Indexing Queue table.

Analytics

- **Enable** - enable/disable collecting analytics data from the Google Search Console. When enabled the extension will continuously gather analytics data from the Google Search Console by cron. Also, when enabled, the analytics data bar will be added to every edit page for [supported entities](#).

Home Page



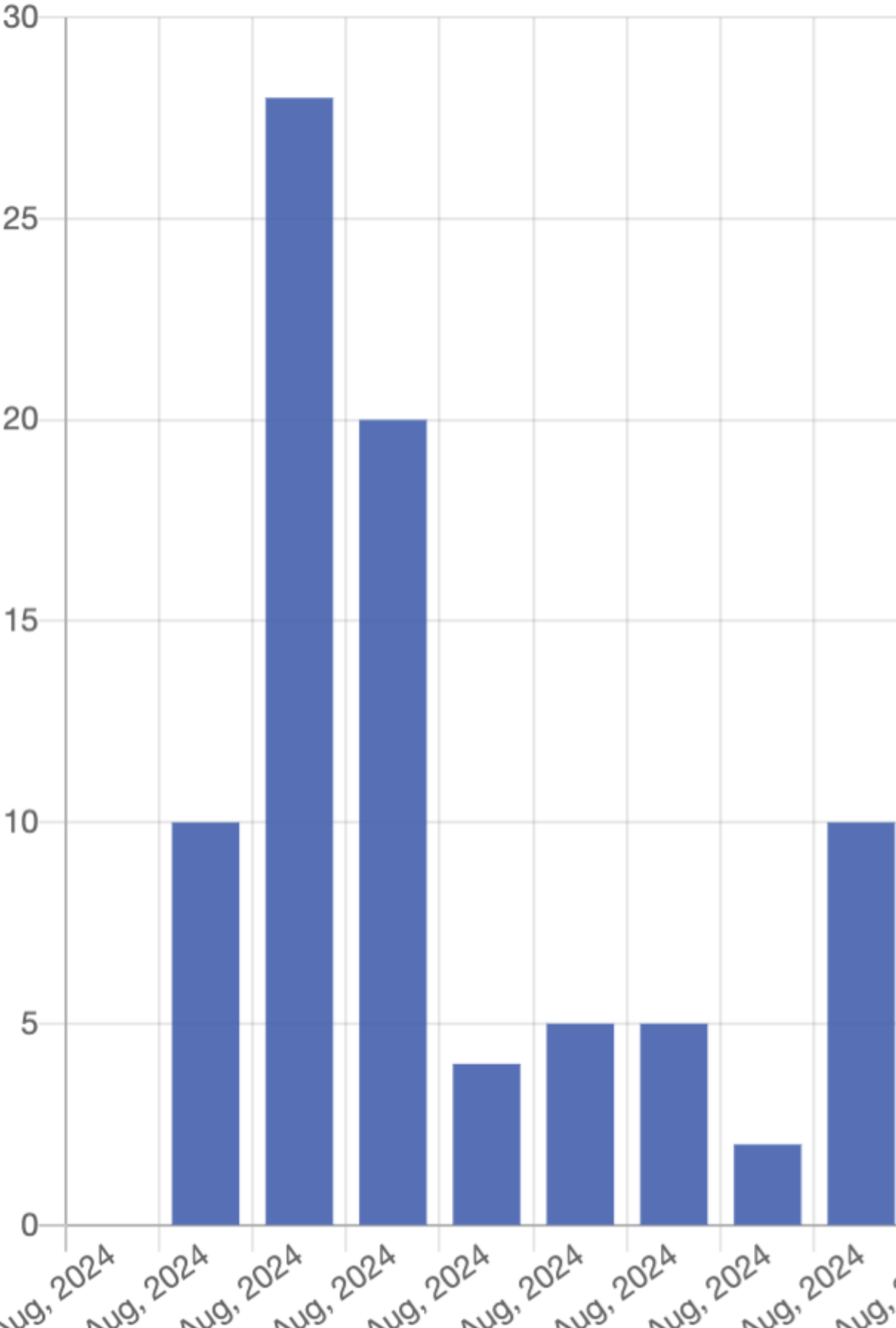
Enable Page



Page Title *

Home Page

Clicks (sum)



- **Cron Job Settings** - Cron settings for collecting analytics data. This setting has 2 options:
 - **Default**
 - **Custom**
If the **Custom** option is selected the following setting will be available:
 - **Job Schedule** - cron expression for the cron job schedule.
 - **Maximum job run time** - The maximum job run time (in seconds). Should be less than the time interval between jobs executions according to the Job Schedule.
- **Rows Limit per Request** - defines how many rows will be returned from the Google Search Console API for a single request. Valid range is 1–25000, Default is 1000.

The list of supported entities:

- Products
- Categories
- CMS Pages
- BlogMX Posts
- BlogMX Categories

Google Search Console and Indexing APIs

Step-by-step instruction to configure access to the Google Search Console and Indexing APIs

1. Log into the [Google Cloud Console \(API\)](#)
2. Create a new project or select the existing one.



Google Cloud

Select a project ▼


Enable API wizard



To view this page, select a project.

New Project



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

[MANAGE QUOTAS](#) 

Project name *

My Project

Project ID:

It cannot be changed later. [EDIT](#)

Organization *

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

Location *

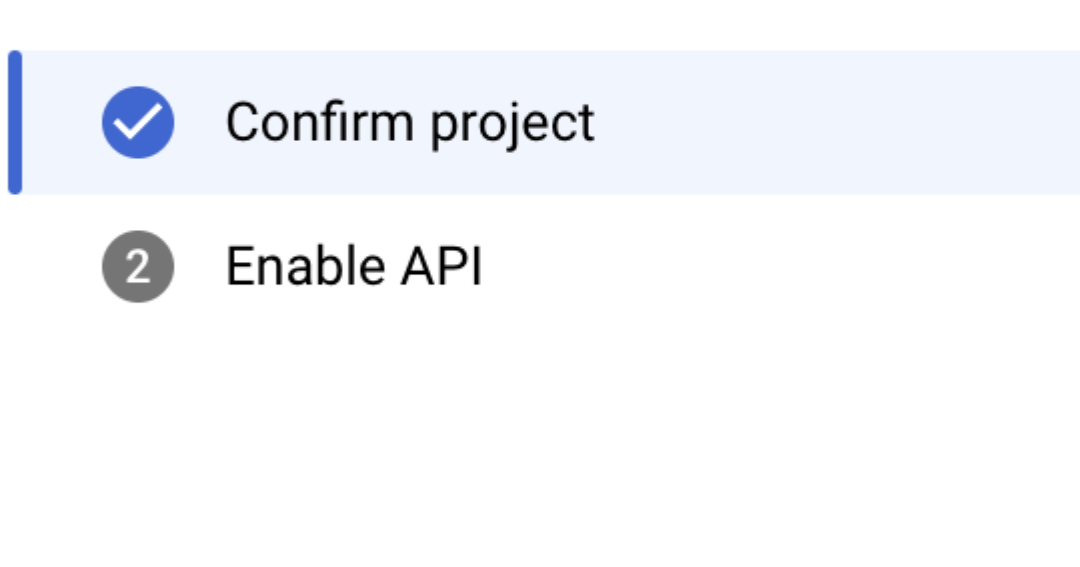
Parent organization or folder

CREATE

CANCEL

3. Confirm the project and enable the API

Enable access to API



Progress bar showing two steps:

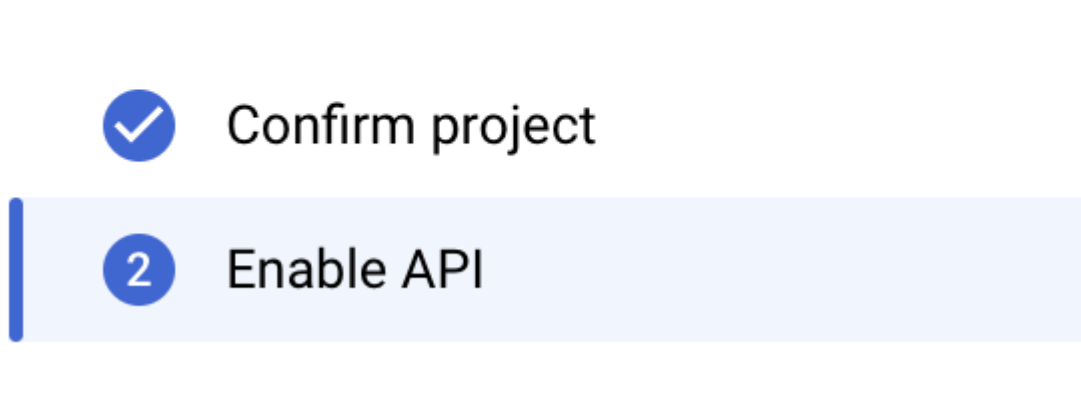
- 1. Confirm project (Completed)
- 2. Enable API (Current step)

Next button: NEXT

You are go
the project
project usi

NEXT

Enable access to API



Progress bar showing two steps:

- 1. Confirm project (Completed)
- 2. Enable API (Current step)

Next button: ENABLE

You are al

ENABLE

4. Go to **APIs & Services** and check if the **Google Search Console API** is in the list of enabled APIs



API

APIs & Services



APIs & Services



Enabled APIs & services



Library



Credentials



OAuth consent screen



Page usage agreements

Traffic



No data is

UTC+2

6:00

Filter

Filter

Name

[Geocoding API](#)

[Geolocation API](#)

[Maps Embed API](#)


The list of enabled APIs



If the **Google Search Console API** is not on the list click **ENABLE APIS AND SERVICES** button. Search for the **Google Search Console API**

API API Library

API Library > "Google Search Console API"

 **Filter** Type to filter

1 result

Visibility



Public

(1)



Category



Other

(1)

Click on the API and then enable the API



Google Search Cons

[Google](#)

The Search Console API provide

ENABLE

[TRY THIS API](#)

OVERVIEW

DOCUMENTATION

RELATED

5. Create Service Account



IAM & Admin



IAM



PAM



Principal Access Boundary



Identity & Organization



Policy Troubleshooter



Policy Analyzer



Organization Policies



Service Accounts



Workload Identity Federati...

Service account

Service account

A service account represents an identity that runs outside Google Cloud.

Organization policies control the creation/upload, or the

Filter

Enter



Email





IAM & Admin



Create service account



IAM



PAM



Principal Access Boundary



Identity & Organization



Policy Troubleshooter



Policy Analyzer



Organization Policies



Service Accounts



Workload Identity Federati...



Workforce Identity Federa...



Labels



Manage Resources

1

Service account

Service account

Display name

Service account

Email address: <

Service account

Describe what

CREATE AND

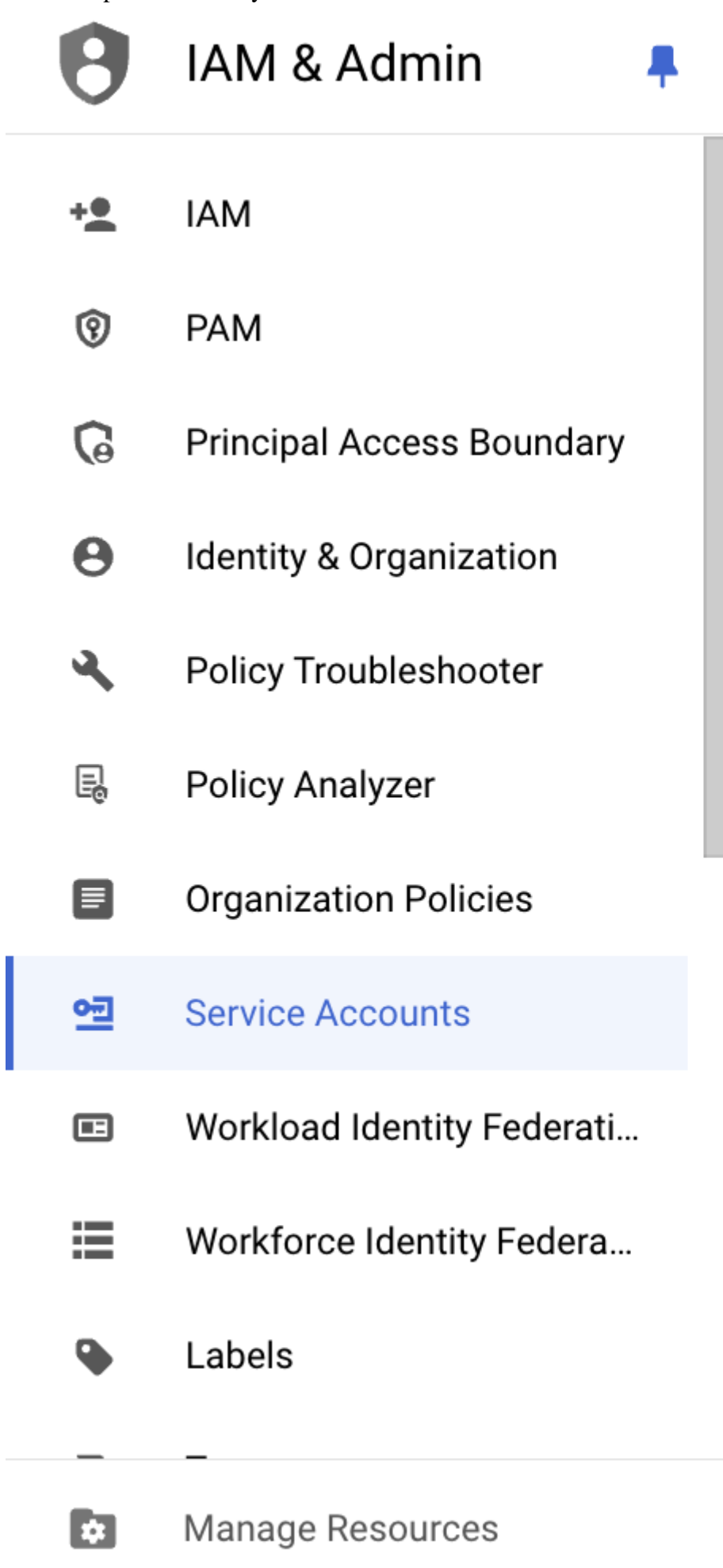
2

Grant this (optional)













3

Grant use

6. Generate private API keys file.



The image shows a navigation menu for the IAM & Admin section. The menu items are listed below:


-  IAM
-  PAM
-  Principal Access Boundary
-  Identity & Organization
-  Policy Troubleshooter
-  Policy Analyzer
-  Organization Policies
-  **Service Accounts**
-  Workload Identity Federati...
-  Workforce Identity Federa...
-  Labels
-  Manage Resources

Service account

Service account

A service account represents a workload running outside Google Cloud.

Organization policies control the creation/upload, or the

 **Filter** Enter

Email





IAM & Admin



indexing



IAM



PAM



Principal Access Boundary



Identity & Organization



Policy Troubleshooter



Policy Analyzer



Organization Policies



Service Accounts



Workload Identity Federati...



Workforce Identity Federa...



Labels



Manage Resources

DETAILS

PER

Keys



Service a
account k
[service a](#)



Google a
behavior l

Add a new key pair o

Block service account

[Learn more about set](#)

ADD KEY ▾

Create new key

Upload existing

Create private key for "indexing"

Downloads a file that contains the private key. Store the file securely as it can't be recovered if lost.

Key type

JSON

Recommended

P12

For backward compatibility with code using the P12 format

7. Upload the generated file to the **Google Service Account Keys File** of the extension's [settings](#).
8. Visit the [Google Search Console](#) and verify your website ownership.
9. Add new property, select the type **URL prefix**, and enter the URL



Search property

Overview



NOT VERIFIED



+ Add property



Pages

400



Video pages

200



Sitemaps

0



Removals

6/

Experience

Select property type



Domain new

- All URLs across all subdomains (m., www. ...)
- All URLs across https or http
- Requires DNS verification

example.com

Enter domain or subdomain

CONTINUE

Verify ownership


https://website.com/

Recommended verification method

HTML file

Upload an HTML file to

1. Download the file:

 google30faca2ed9d8aaf

2. Upload to: https://website.com/

To stay verified, don't remove the file, even after ve

[Full details](#)

Other verification methods

HTML tag

Add a meta tag to your

Google Analytics

Use your Google Analy

Note

If you have multiple store views, create a property and verify ownership for each store view separately

10. After the ownership is verified you can access the property setting by clicking on **GO TO PROPERTY**
11. Navigate to **Settings ? Users and Permissions** and click the **Add User** button.
12. Copy the **client_email** value from the JSON file from step 7. Paste the email into the **Email Address** fields and select the **Owner** role in the **Permission** dropdown. Click the **Add** button.

Done! Now you can use full capacity of the extension in your Magento store - Google Indexing and Search Analytics.

Command Line Interface

Usage: `php -f bin/magento [command]`

- `mirasvit:search-console:publish [options]` - submit URLs from the Indexing Queue to Google Search Console for indexing. Allowed Options:
 - `--ids [ids]` - specify the IDs (comma-separated) of URLs to submit. Optional.
 - `--dry-run` - test run of the command. If specified, no URLs will be actually submitted for indexing.
- `mirasvit:search-console:analytics [options]` - manage Search Analytics data. Execution of this command depends on the configurations in the Analytics section of the extension's settings. Allowed options:
 - `--collect` - gather search analytics data for the last 5 days. All other options except the `--reset` are applicable only in combination with this option.
 - `--history` - if used, the extension will collect history data starting from the extension's installation date. 5 days limitation will not be applied with this option. The extension does not collect all history data during one execution due to API limitations. The extension remembers the state of the execution so each execution will continue to collect analytics data from the last point when the execution was finished.
 - `--store-id [store-id]` - specify the ID of the store for which analytics data will be gathered.
 - `--store-url [store-url]` - the base URL of the store for which analytics data will be gathered. This option should be used for testing purposes only.
 - `--reset` - remove all collected analytics data and reset the analytics collector state to current date.

How to upgrade extension

To upgrade the extension, follow these steps:

1. Backup your store's database and web directory.
2. Login to your server's SSH console and navigate to the root directory of the Magento 2 store.
3. Run the command below to update the current extension with all dependencies:

```
composer require mirasvit/module-search-console:* --update-with-dependencies
```

Note

In some cases, the command above is not applicable; neither is it possible to update just the current module, nor need to upgrade all the Mirasvit modules in a bundle. In this case, the command above will be of no effect.

Run instead `composer update mirasvit/*` command. It will update all the Mirasvit modules installed in your store.

4. Run the command below to enable the extension:

```
php -f bin/magento module:enable Mirasvit_Core Mirasvit_SearchConsole
```

5. Run the command below to install updates:

```
php -f bin/magento setup:upgrade
```

6. Run the command below to clean the cache:

```
php -f bin/magento cache:clean
```

7. Deploy static view files:

```
rm -rf pub/static/frontend/*; rm -rf pub/static/backend/*; rm -rf var/
php -f bin/magento setup:static-content:deploy
```

Disabling the Extension

Temporarily Disable

To temporarily disable the extension please follow the following steps:

1. Login to your server's SSH console and navigate to the root directory of the Magento 2 store.
2. Run the command below to disable the extension:

```
php -f bin/magento module:disable Mirasvit_SearchConsole
```

3. Log in to the Magento backend and refresh the store's cache (if enabled).

Removing the Extension

To uninstall the extension, please follow these steps:

1. Login to your server's SSH console and navigate to the root directory of the Magento 2 store.
2. Run the command below to remove the extension:

```
composer remove mirasvit/module-search-console
```

3. Log in to the Magento backend to refresh the store cache (if enabled).

Change Log

1.0.5

(2024-11-18)

Fixed

- The issue with stats cron
-

1.0.4

(2024-11-15)

Fixed

- Fixed the issue with submitting URLs by cron
-

1.0.3

(2024-11-11)

Fixed

- Fixed the issue with error when creating a new CMS block
-

1.0.2

(2024-11-01)

Fixed

- Issue with warnings in some custom grids
-

1.0.1

(2024-10-31)

Fixed

- Fixed the issue with saving auth file
-

1.0.0

(2024-09-27)

Features

- Initial release