



# Sirv CDN and Image Optimizer

Perfectly optimized images, delivered from a high-speed image CDN.

## Magento 2 & Magento 1

Including Community, Enterprise and Cloud editions

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# What is Sirv?

Sirv is the new dynamic CDN for hosting and serving images faster than ever. Sirv automatically synchronizes your original Magento images and serves them instantly at any size, in the most optimal format, typically **50% smaller and 70% faster**.

It accelerates your website, reduces your server load, saves development time and ensures your images are always the most optimal possible.

It also provides an outstanding media viewer, to increase conversion on your product pages, with image zoom, product videos and 360-degree spins.

## How Sirv CDN works

Sirv generates optimized and resized images on-the-fly within 150 milliseconds, at any size, format or resolution. This incredible speed means you never again need to manually export multiple versions of the same image.

Every image delivered is optimized for the users screen and browser. It takes care of all the important image requirements:

- **Optimal format** - delivered in the most optimal format the browser supports (often WebP)
- **Responsive** - always sized to the perfect dimensions
- **Retina** - served in hi-res to retina screens
- **Stripped** - unnessaccary meta bloat removed.

By delivering images from Sirv's global CDN with HTTP/2 multiplexing and TLS1.3, Sirv delivers the fastest possible images, using today's most secure technology.

## Technical explanation

The Sirv extension overrides Magento's image class, using the same image from your Sirv account. If the image has been synced previously, it is served from Sirv. If it hasn't been synced, it is copied to Sirv, then served. If copying takes more than a few seconds, Sirv serves the image from your Magento server, so the user doesn't wait. Once copied, the Sirv extension updates its database and serves optimized images in future.

# How Sirv Media Viewer works

Sirv can also replace your PDP (product detail page) image viewer with Sirv's [advanced media viewer](#). It supports all types of asset:

- Images - with a choice of 8 zoom effects
- 360 spin
- Videos

Your product pages will feel fast and natural on mobiles and desktops, ensuring an organized and effortless experience for your customers.

## Benefits

Delivering the most optimal enterprise imaging service, you get valuable gains:

- Faster page loading
- Higher conversions
- Lower bounce rates
- Richer user experience
- Dramatically fewer requests on your web server so it can react faster

## Features

Sirv is the complete solution for managing your images and serving them as fast as possible to your customers;

- Image hosting
- Image resizing
- Image optimization
- Image processing (crop, watermark, colour etc)
- Optimal format, automatically reducing size by ~50% (WebP, JPEG, PNG, GIF)
- Retina images automatically served to hi-res screens
- Full control over image quality and format
- Fast, image CDN
- Easy, fast setup

## Configuration

Sirv will automatically work on your Magento store, without any effort from you. The Sirv addon will copy your original Magento product images to your Sirv account and optionally delete the images on Magento, saving space on your server.

All image processing is done on the powerful Sirv network, then rapidly delivered from the Sirv CDN. Your images will load faster for users all over the world.

Always up-to-date, Sirv fetches all new images that you upload to Magento.

## Requirements

To use the Sirv image CDN Magento extension, you must create a free login for Sirv via the Sirv website. Sign up: <https://my.sirv.com/#/signup>

## Screenshots

Magento 2 Sirv admin settings:

The screenshot displays the Sirv admin interface for Magento 2. On the left is a vertical sidebar with navigation icons for Dashboard, Sales, Catalog, Customers, Marketing, Content, Reports, Stores, Magic Toolbox, System, and Find Partners & Extensions. The main header area shows the Sirv logo and version (3.2.0), a search icon, a notification bell with 6 alerts, and a user profile for 'admin'. A prominent orange 'Save Settings' button is located in the top right. Below the header, a message reads: 'Accelerate your website with faster loading images. [About Sirv CDN](#) | [Get support](#)'. The 'General settings' section contains the following configuration options:

- Enable Sirv:** Radio buttons for Yes (selected) and No. A help icon (?) is to the right.
- Network:** Radio buttons for Sirv CDN (selected) and Sirv Direct. A help icon (?) is to the right.
- Folder name on Sirv:** A text input field containing 'https://magictesting.sirv.com/' and 'magento'. A help icon (?) is to the right.
- Image profile:** A dropdown menu set to 'Default'. A help icon (?) is to the right.
- Use Magento watermark:** Radio buttons for Yes and No (selected).
- Serve CSS, JS & static files:** Radio buttons for Yes (selected) and No. A help icon (?) is to the right. Below this, it states: 'Sirv will fetch files from this domain: https://magictesting.com/'.

## PDP (product display page) gallery configuration, with Sirv Media Viewer:

Product page media gallery

Product media gallery  Original  Sirv Media Viewer

Order of content  Magento Images & videos  Magento Images & videos, then Sirv assets  Sirv assets, then Magento Images & videos  Sirv assets only

Product folder names on Sirv

Folder structure on Sirv e.g. products/{product-sku}

Sirv Media Viewer options

```
var SirvOptions = {
  viewer: {
    quality: 80,
    zoom: {
      enable: true,
      mode: "magnifier"
    }
  }
}
```

[Choose your options here](#), then copy and paste the Script tab content.

Products without assets  All products

[Empty cache](#)

## Synchronisation options:

Synchronization

Synced Images: 560 out of 803

Synced images: 560  
Queued images: 0  
Failed images: 0

Failed  All

[Flush image cache](#) [Sync Media Gallery](#)

## Account and usage:

**Your account**

Account

Plan  [Upgrade plan](#)

User  [Disconnect](#)

**Storage**

Allowance 100 GB

Used 446.9 MB (0.45%)

Available 99.55 GB (99.55%)

Files 1271

**Traffic**

Allowance 0 Bytes

This month 0 Bytes

June 2020 134.71 MB

May 2020 0 Bytes

April 2020 0 Bytes

**API usage** Last update: 2020-07-06H:42:49.000Z UTC [Refresh](#)

Type	Limit	Used	Next reset
s3:global	7000	0	-
s3:PUT	2000	0	-
s3:GET	3000	0	-
s3:DELETE	3000	0	-
rest:global	7000	9	-
rest:post.files:search	1000	0	-
rest:post.files:video2spin	200	0	-
rest:post.files:spin2video	200	0	-
rest:post.files:fetch	2000	0	-
rest:post.files:upload	2000	0	-
rest:post.files:delete	3000	0	-
rest:post.account	50	0	-

## Magento 1 Sirv admin settings:

The screenshot displays the Magento 1 Admin Panel interface. At the top, the header includes the Magento logo, 'Admin Panel', a search bar, and the user's login information: 'Logged in as admin | Thursday, July 12, 2018 | Log Out'. The main navigation bar contains tabs for Dashboard, Sales, Catalog, Customers, Promotions, Newsletter, CMS, Reports, and System (which is currently selected). A 'Get help for this page' link is also present.

The left sidebar shows the 'Current Configuration Scope' set to 'Default Config' with a 'Manage Stores' link. Below this is a 'Configuration' menu with sections for GENERAL, CATALOG, CUSTOMERS, and SALES, each containing various sub-items.

The main content area is titled 'Sirv' and features a 'Save Config' button. It is divided into three sections:

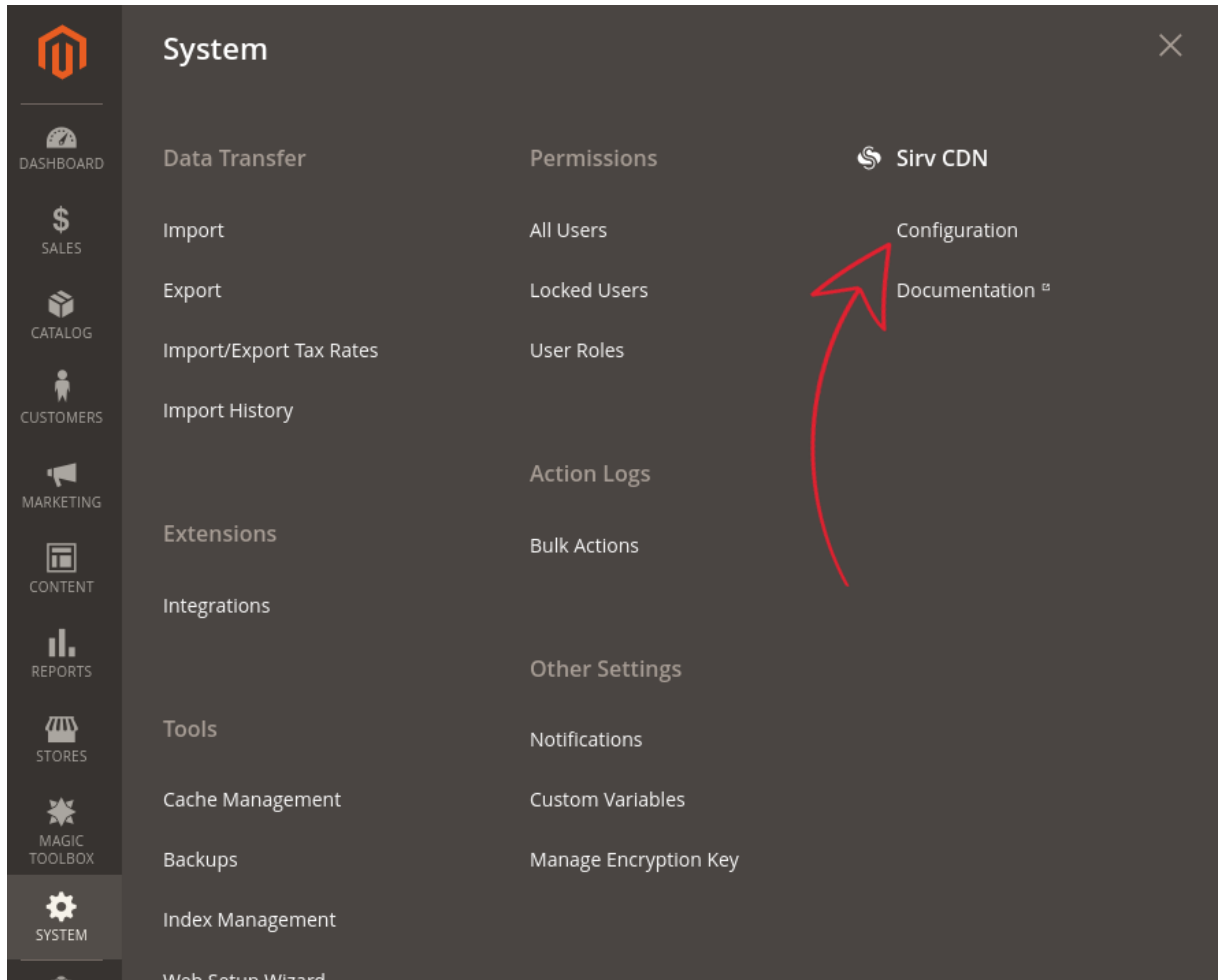
- Sirv for Magento:** A brief introduction stating 'Accelerate your website with faster loading images using the Sirv CDN. About Sirv | Get support' and the version '1.2.3'.
- General Settings:** A list of configuration options:
  - Enable Sirv:** Set to 'No'. A note explains that if 'Yes', images are served from the Sirv account, and if 'No', they are served from the server.
  - Network:** Set to 'Sirv CDN (recommended)'. A note states that Sirv CDN delivers images faster from a global network, while Sirv direct only uses the primary datacenter. A 'Learn more' link is provided.
  - Custom domain:** An empty text input field. A note explains that files are served from the user's own domain via the Sirv CDN, requiring a CNAME record and an SSL certificate.
  - Use Magento watermark:** Set to 'No'.
  - Folder name on Sirv:** Set to 'magento'. A note explains that images are copied to this folder in the user's Sirv account and that the folder will be automatically created.
  - Flush Cache:** A 'Flush cache' button.
  - Synchronize Media Gallery:** A 'Synchronize' button.
- Sirv account:** A section for account management with a note: 'Get your S3 access credentials from your Sirv account. New users can create an account.' It includes three text input fields for 'Bucket', 'Access Key', and 'Secret key', each with a '[STORE VIEW]' link.

## Installation

Follow the easy installation of the Sirv image CDN extension for Magento:

1. Install the Sirv extension for Magento 2 from the official Magento Marketplace: <https://marketplace.magento.com/>
2. Go to System > Web Setup Wizard in your Magento admin and click the Component Manager link.
3. Find the Sirv component in the list and click "Enable".

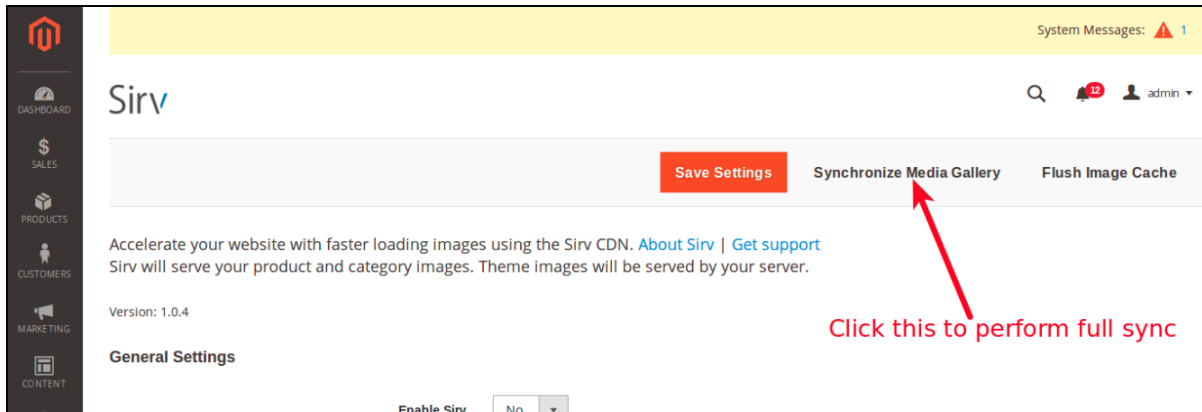
4. Create your Sirv account and go to the Settings page:  
<https://my.sirv.com/#/account>
5. Copy your Sirv S3 credentials and paste them into the settings in the Sirv extension for Magento. A quick link to the Sirv settings page is within the System menu in the left hand navigation.



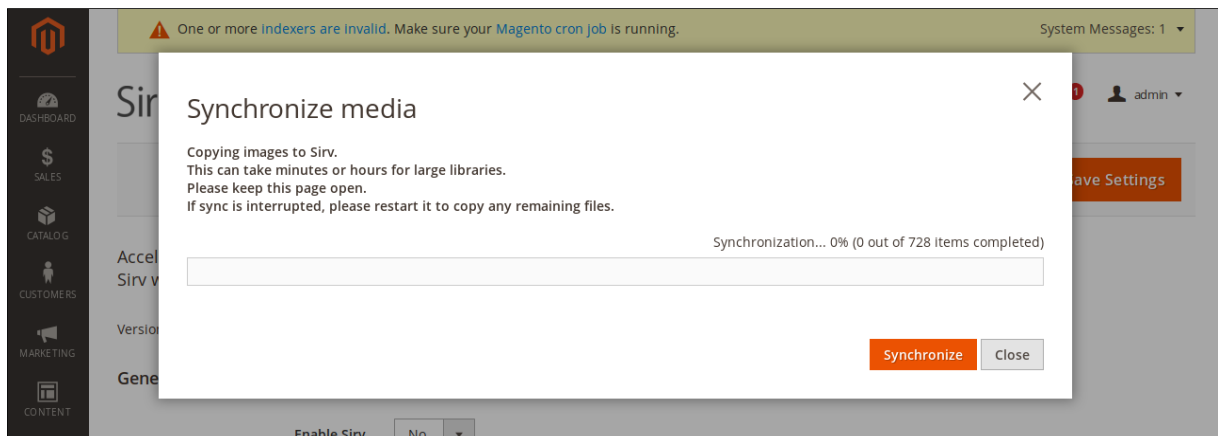
## Synchronization

Sirv will automatically copy images from your server to Sirv, the first time they're requested. This takes a few seconds, depending on the number of images, their file size and the speed/responsiveness of your server.

To avoid this delay, you can trigger a one-time sync by clicking the button "Sync Media Gallery":



The sync progress will show:



## Flush image cache

If images on your Magento site are out of sync, you can click the "Flush Image Cache" button to empty the database cache in Magento 2 and delete the images the the extension copied to your Sirv account. Images will synchronise again on demand (or when you click the "Synchronize Media Gallery" button).

## Serve JS/CSS from Sirv CDN

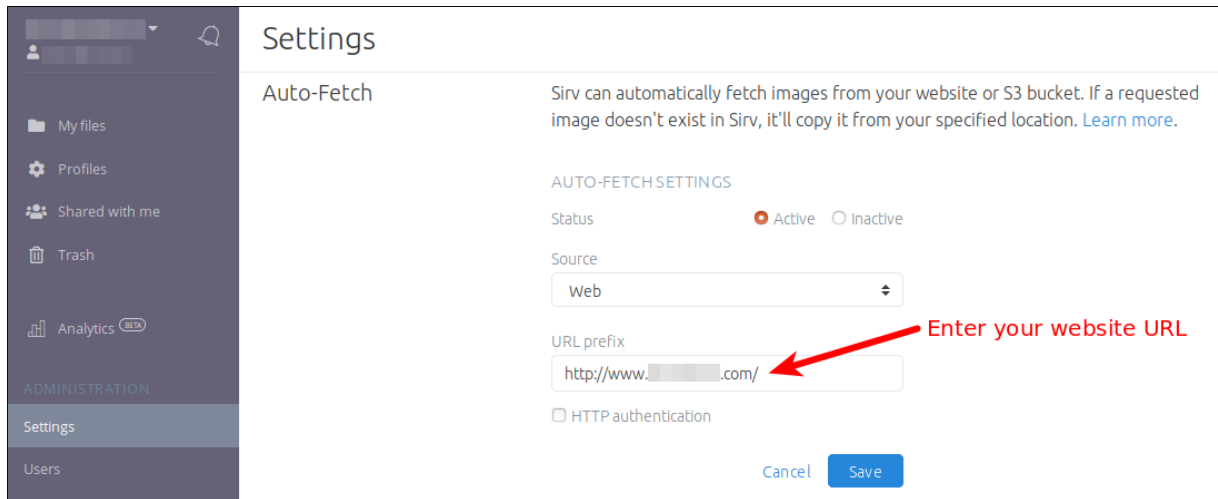
You can also serve your theme files, including CSS, JavaScript and static theme images from Sirv CDN.

Follow the steps below.

## Magento 2



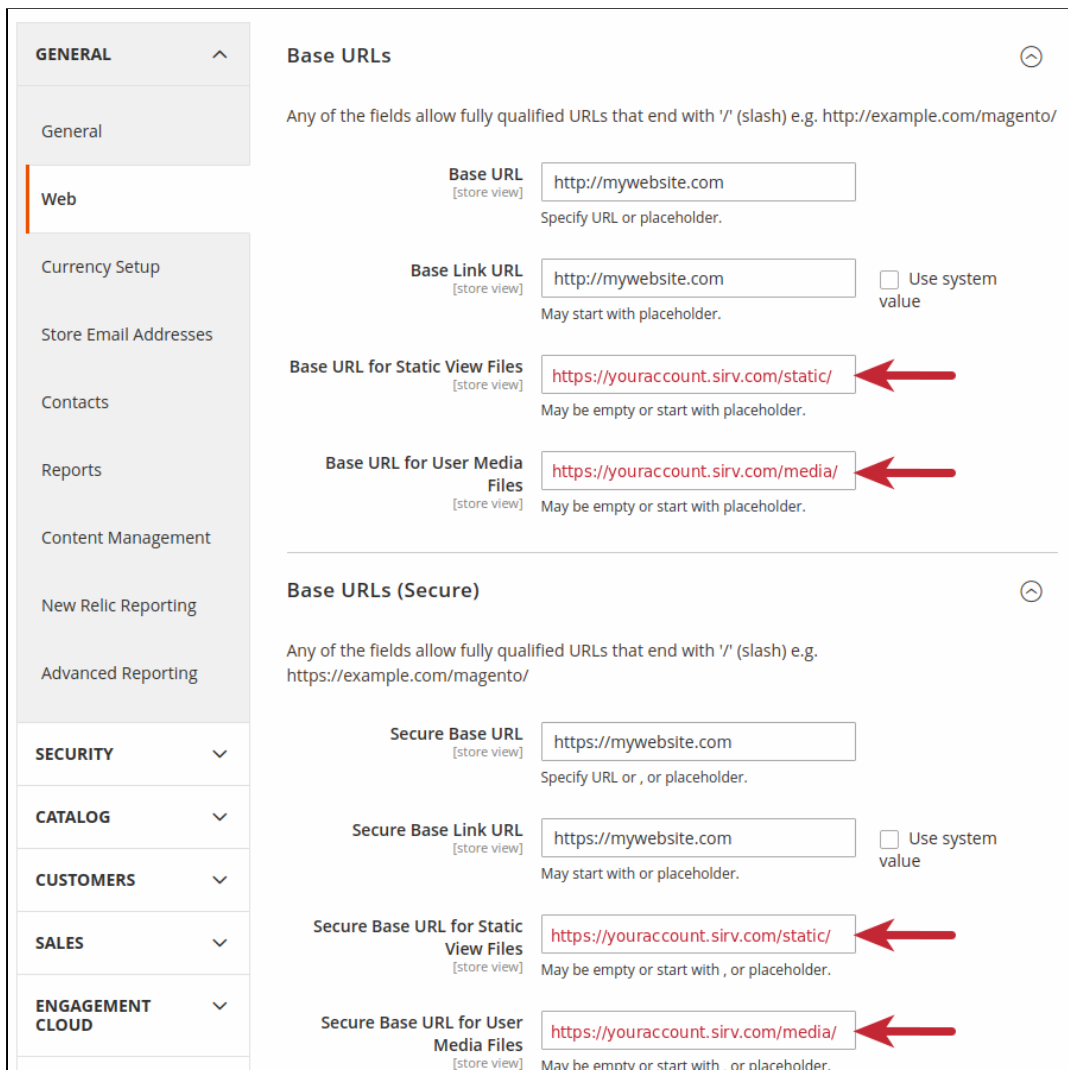
1. Enable fetching in your Settings: <https://my.sirv.com/#/account/settings/content-delivery>



2. Go to Stores > Configuration > General > Web and enter your Sirv CDN URL :

**Base Static URL:** <https://youraccount.sirv.com/static/>

**Base Media URL:** <https://youraccount.sirv.com/media/>



3. On your server, configure **cross-origin resource sharing**, to allow a cross-origin requests. The setup method depends on your server configuration and software. For

example, with Apache HTTP, it may be sufficient to activate the **mod\_headers** module for Apache and add to your .htaccess file something like this:

```
<IfModule mod_headers.c>
  <FilesMatch "\.(woff|woff2|html|json)$">
    Header set Access-Control-Allow-Origin
http://www.domain-with-my-magento.com
  </FilesMatch>
  <FilesMatch "\.(html|json)$">
    Header set Access-Control-Allow-Headers X-Requested-With
  </FilesMatch>
</IfModule>
```

We recommend enabling the 3 settings below, to reduce the total size of your JavaScript and the number of separate requests (which can be very excessive on Magento sites otherwise):

- Merge JavaScript Files
- Enable JavaScript Bundling
- Minify JavaScript Files

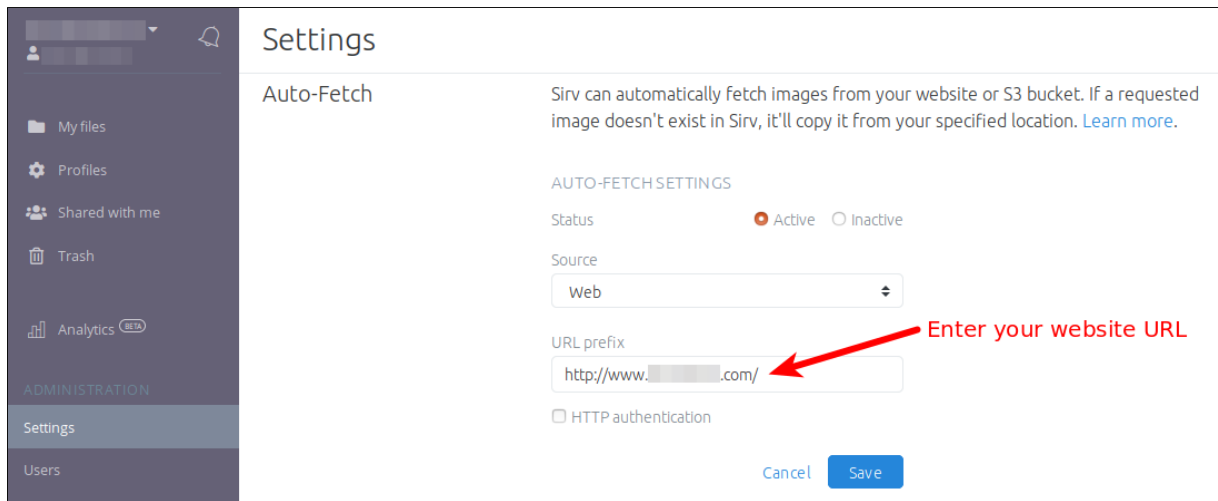
The screenshot shows the Magento Configuration interface. On the left sidebar, the 'Developer' mode is selected. The main content area is titled 'JavaScript Settings'. Three settings are highlighted with red arrows and the text 'Set all to Yes':

- Merge JavaScript Files: Yes
- Enable JavaScript Bundling: Yes
- Minify JavaScript Files: No

A red arrow also points to the 'Developer' mode selection in the sidebar with the text 'Developer mode'.

# Magento 1

1. Enable fetching in your Settings: <https://my.sirv.com/#/account/settings/content-delivery>



2. In your Magento admin, go to System > Configuration. In the Web section, enter your Sirv CDN URL :

**Base Skin URL:** `https://youraccount.sirv.com/skin/`  
**Base Media URL:** `https://youraccount.sirv.com/media/`  
**Base JavaScript URL:** `https://youraccount.sirv.com/js/`

3. On your server, configure **cross-origin resource sharing**, to allow a cross-origin requests.

## Command line installation

### Magento 2

If you would prefer to install the extension from the command line, follow these steps:

1. Download the extension:  
<https://sirv.com/download/magento/sirv-magento-2.zip>
2. Unzip the file to your computer and upload the 'app' folder by FTP to your Magento directory on your server, keeping the file and folder structure intact.
3. Activate the module from the command line:

```
php -f bin/magento module:status
php -f bin/magento module:enable MagicToolbox_Sirv
--clear-static-content
php -f bin/magento setup:upgrade
rm -rf var/generation
```

```
php -f bin/magento setup:di:compile
php -f bin/magento setup:static-content:deploy
```

## Upgrade to latest version

All updates are reported in the changelog. See what's new and download the latest extension version here:

<https://sirv.com/help/resources/magento-cdn-sirv-extension/>

1. Download the latest version of the extension.
2. Unzip the extension and upload the files by FTP to your server (overwriting the old extension files).
3. Check that your images are working as normal.

## Pricing

A 30-day free trial gives you access to all features. Choose to upgrade to a free plan to suit your usage. Light users can stay on a free plan.

Plan	Storage	Data transfer (month)	Price (month)
Enterprise	Custom	Custom	From \$999
Business 350	350 GB	1,400 GB	\$599
Business 200	200 GB	800 GB	\$359
Business 100	100 GB	400 GB	\$199
Business 60	60 GB	240 GB	\$119
Business 40	40 GB	160 GB	\$89
Business 20	20 GB	80 GB	\$59
Business 12	12 GB	48 GB	\$39
Business 5	5 GB	20 GB	\$19
Free	0.5 GB	2 GB	\$0

## FAQ

*Can the Sirv extension work on localhost?*

Yes, the extension can be used on localhost, with some limitations. Images will be synced to Sirv using our S3 API (not our REST API) and the option to serve media files (JS/CSS/etc.) won't work.

## Support

Get fast support from the Sirv team - send a message from your Sirv account:

<https://my.sirv.com/#/contact>

Thanks for using Sirv!