



# Sirv CDN, Image Optimizer & Product Gallery

## Magento 2

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.

# Product Gallery - Sirv Media Viewer

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

- Images - 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 extension settings:

The screenshot displays the Sirv extension settings page in a Magento 2 admin interface. The page is titled "Sirv" with a version of 5.0.0. The left sidebar contains navigation icons for Dashboard, Sales, Catalog, Customers, Marketing, Content, Reports, Stores, System, and Find Partners & Extensions. The main content area shows the "CDN settings" tab selected. The settings include:

- Enable Sirv:** A toggle switch set to "Yes".
- Domain:** A dropdown menu showing ".sirv.com".
- Folder name on Sirv:** A text input field containing ".sirv.com/magento" with a "Change" link.
- Serve other files from Sirv CDN:** Radio buttons for "JS, CSS & associated files (recommended)", "JS, CSS & all static files", and "No other files".
- Sirv will fetch files from this domain:** A text input field containing ".com".
- Exclude files/folders:** A text area containing "/xyz/\*".
- Exclude pages:** A text area containing "e.g. /example/particular-page.html" and "/a-whole-section/\*".

Each setting has a help icon (question mark) to its right. At the top right of the settings area, there is a "Save Settings" button. Below the settings, there is a note: "You can enter full URLs and the domain will be stripped. Use \* to specify all files at a certain path."

Accelerate your website with faster loading images. [About Sirv CDN](#) | [Get support](#)

- CDN settings
- Display settings
- Product page media gallery
- Synchronization
- Usage

**Lazy loading** On Off

**Image profile** Default

**Image quality** Default (Magento default)

**Use Magento watermark** Yes No

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**Use Sirv Media Viewer as product gallery** Yes No

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

**Product folder names on Sirv** sirv.com/products/(product-sku) [Change](#)   
 Folder structure on Sirv e.g. products/(product-sku)

**Sirv Media Viewer options**  

```
SirvOptions = {
  viewer: {
    zoom: {
      mode: 'inner',
    }
  }
}
```

[Choose your options here](#), then paste the code from the Script tab.

**Image zoom** Enabled Disabled

**Gallery items order** +

**Pin gallery items** Always show thumbnaill(s) to side of scroller.

Pin video(s)  Left |  Right |  No  
 Pin spin(s)  Left |  Right |  No  
 Pin images by file mask  Left |  Right |  No

**Max height** 450 px

**Custom CSS**  
 Add styles to fix any rendering conflicts caused by other CSS.

**Product gallery cache**  Products without assets (2) Flush product galleries  
 Products with assets (0)  
 All products (2)  
[View assets](#)

**Sirv content cache TTL** 1 day (default)   
 Time when cached content expires. Choose a shorter duration if your images change frequently.

Scope: Default Config

Save Settings

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CDN settings

Display settings

Product page media gallery

Synchronization

Usage

**Delete cached images during sync**  Yes  No

Magento Image cache: 273 Images. [Delete](#)

**Sync status** **100%**

8 out of 8 Items completed

Synced Images 8

Queued Images 0

Failed images 0

Sync Media Gallery

**Synchronized image cache**

Failed Images
 

Queued Images

All

Flush synchronized images

Scope: Default Config

Save Settings

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CDN settings

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Usage

**Your account**

**Account**

Plan [Upgrade plan](#)

User [Disconnect](#)

**Storage**

Allowance 100 GB

Used 2.19 GB (2.19%)

Available 97.81 GB (97.81%)

Files 958

**Traffic**

Allowance 0 Bytes

This month 11.46 MB

August 2021 970.76 MB

July 2021 17.6 MB

June 2021 13.18 MB

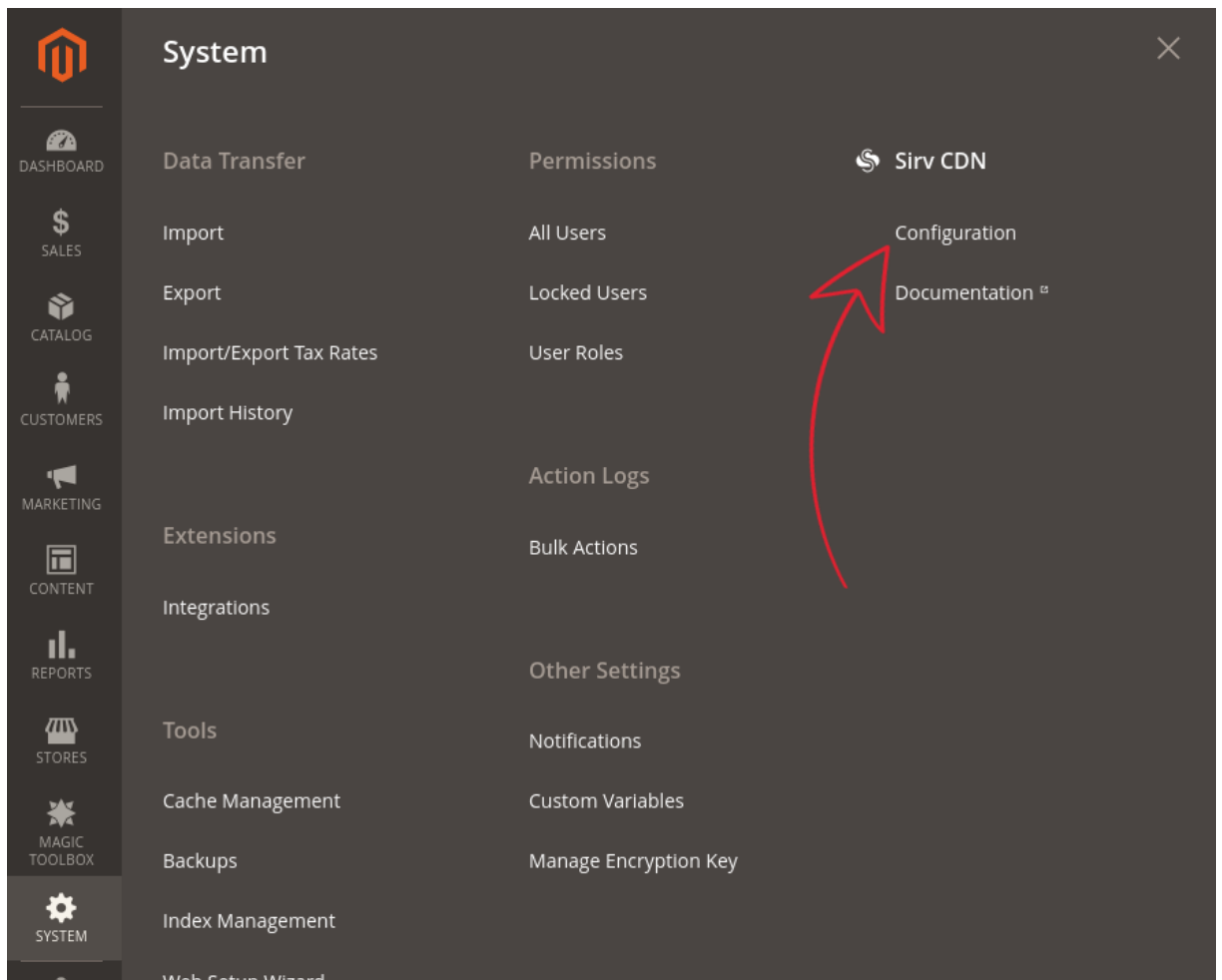
**API usage** Last update: 08:35:45 UTC [Refresh](#)

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:search:scroll	2000	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	-
rest:post:account:fetching	50	0	-
rest:get:stats:http	100	4	-
rest:get:stats:storage	100	0	-
rest:post:account:new	5	0	-
rest:post:user:accounts	20	0	-
rest:get:rest:credentials	50	0	-
rest:post:video:toSpin	400	0	-
rest:post:upload:toSirv	2000	0	-
ftp:global	10000	0	-
ftp:STOR	2000	0	-
ftp:RETR	3000	0	-
ftp:DELE	3000	0	-
fetch:file	2000	0	-
fetch:largefile	10	0	-

# 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/sirv-magento2.html>
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. Go to the Configuration page of the Sirv extension and either create an account or login:



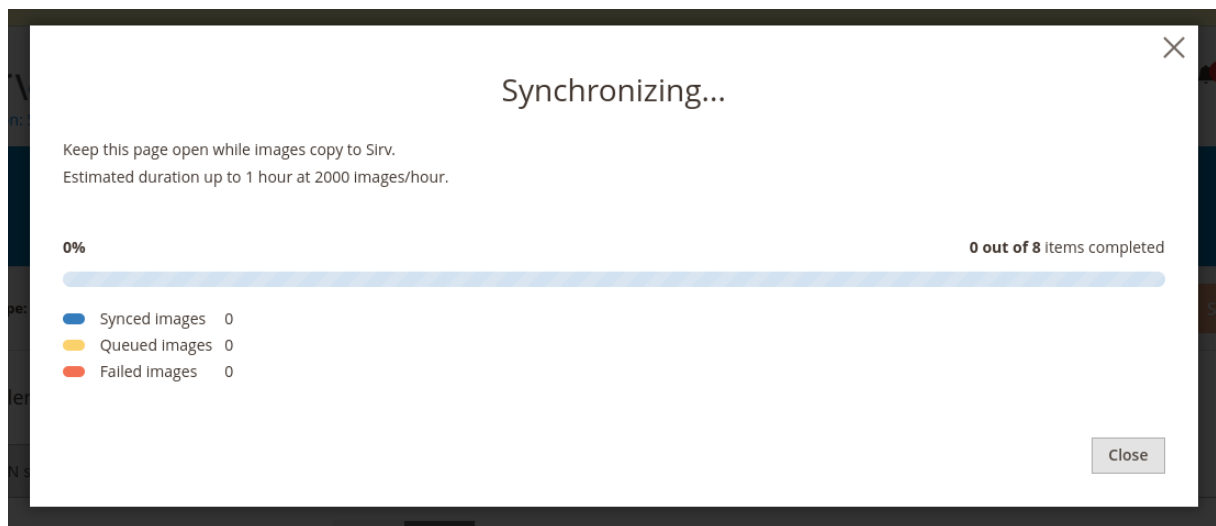
# Synchronization

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 any 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 ever become out of sync, you can click the "Flush Synchronized Images" button. Images will synchronise again on demand (or if you click the "Sync 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.

Set the following option on the CDN settings tab:



- Serve other files from Sirv CDN
- JS, CSS & associated files (recommended)
  - JS, CSS & all static files
  - No other files

We also recommend enabling the 3 settings below, to reduce the total size of your JavaScript and the number of separate requests (which can be excessive on Magento sites). These are located on the Stores > Configuration > Developer page:

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

The screenshot shows the Magento Configuration page. The left sidebar has 'Developer' selected under the 'ADVANCED' section. The main content area is titled 'JavaScript Settings'. Three settings are highlighted with red arrows and a handwritten note 'Set all to Yes':

- Merge JavaScript Files**: Set to 'Yes'.
- Enable JavaScript Bundling**: Set to 'Yes'.
- Minify JavaScript Files**: Set to 'No'.

Other settings visible include 'Move JS code to the bottom of the page' (No), 'Translation Strategy' (Dictionary), and 'Log JS Errors to Session Storage' (No).

## Command line installation

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!