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Pagespeed setup

Store > Configuration > Swissup > Pagespeed


Main section


Main

Enable [store view] Yes

Enable in developer mode [store view] Yes

Test GZIP compression [store view]

 GZIP is enabled

 GZIP is enabled for <http://swissupdemo.com/releases/225020180726044813> 82.4% bandwidth was saved

[Check GZIP compression manual.](#)

Option	Description
Enable	Allows to enable/disable pagespeed per store view
Enable in developer mode	Allows to enable/disable pagespeed per in <u>developer mode</u> (https://devdocs.magento.com/guides/v2.2/config-guide/bootstrap/magento-modes.html)
Test GZIP compression	Test gzip compression support on your web server

Minify HTML Content section

Minify HTML Content

Enable [store view] Yes

Js Content Minification Enable [store view] Yes

CSS Content Minification Enable [store view] Yes

Minify Templates [store view] Yes Use system value

Minification is not applied in developer mode.

Option	Description
Enable	Allows to enable/disable minify your pages HTML content. (Yes)
Js Content Minification Enable	Allows to enable/disable minify inline JS at HTML content. (Yes)
Css Content Minification Enable	Allows to enable/disable minify inline CSS at HTML content. (Yes)
Minify Templates	Allows to enable/disable minify phtml templates (Yes)

JavaScript Settings section

JavaScript Settings ⌵

Merge JavaScript Files [store view] Yes

Enable JavaScript Bundling [store view] No

Minify JavaScript Files [store view] Yes

Minification is not applied in developer mode.

⌵ **Deferred javascripts**

Eliminate render-blocking JavaScript in the above-the-fold content. The loading and execution of scripts that are not necessary for the initial page render may be deferred until after the initial render or other critical parts of the page have finished loading. Doing so can help reduce resource contention and improve performance.

Enable [store view] Yes

Add Unpack [store view] Yes

Option	Description
Merge JavaScript Files	Allows to merge your javascripts files (Yes)
Enable JavaScript Bundling	Allows to enable/disable <u>JavaScript Bundling</u> (https://devdocs.magento.com/guides/v2.2/frontend-dev-guide/themes/js-bundling.html) (No)
Minify JavaScript Files	Allows to enable/disable minify javascripts files (Yes)

Deferred javascripts

Option	Description
Enable	Allow to enable/disable deferred running all js code at page
Add Unpack	Allow to enable/disable using custom js code unpacking

CSS Settings section

CSS Settings ⌵

Merge CSS Files [store view]

Minify CSS Files [store view]
Minification is not applied in developer mode.

⌵ **Optimise CSS delivery**

In the case of a large CSS file, you will need to identify and inline the CSS necessary for rendering the above-the-fold content and defer loading the remaining styles until after the above-the-fold content.

Enable [store view]

Enable LoadCSS js library [store view]
[Why loadCSS.](#)

⌵ **Critical CSS**

You should minify the critical CSS, then inline it on your page (wrapped in style tags). It should be placed in the header, replacing the full CSS link(s).

Enable [store view]

Default Critical CSS [store view]

[Get your site critical css.](#)
[Alternative critical css generator](#)

Option	Description
Merge CSS Files	Allows to merge your css files (Yes)
Minify CSS Files	Allows to enable/disable minify css files (Yes)

Optimise CSS Delivery

Option	Description
Enable	Allows to enable/disable <u>Optimize CSS Delivery</u> (https://developers.google.com/speed/docs/insights/OptimizeCSSDelivery) (Yes)
Enable LoadCSS	Allows to enable/disable <u>loadCSS</u> (https://github.com/filamentgroup/loadCSS#why-loadcss) js library (Yes)

Critical CSS (Prioritize Visible Content)

Option	Description
Enable	Allows to enable/disable <u>Critical Css</u> (https://developers.google.com/web/fundamentals/performance/critical-rendering-path/optimizing-critical-rendering-path?hl=en) (Yes)
Default Critical CSS	There is only what the user can see when they first load the page. This means that we only need to load the minimum amount of CSS required to render the top portion of the page across all breakpoints. For the remainder of the CSS, we don't need to worry as we can load it asynchronously. You can generate your site critical css here (http://ci.swissuplabs.com/pagespeed/critical-css/).

Image Processing Settings section

Image Processing Settings

Image Adapter [store view] PHP GD2 Use system value
When the adapter was changed, please flush Catalog Images Cache.

Optimize Catalog images

Before images can be optimized, you will need to install the Optimizers as described in [article](#)

```
sudo apt install jpegoptim
sudo apt install optipng
sudo apt install pngquant
sudo npm install -g svgo
sudo apt install gifsicle
```

Usage: php bin/magento catalog:images:resize

Enable [store view] Yes

Lazy loader for images

Lazy loading images means loading images on websites asynchronously — that is, after the above-the-fold content is fully loaded, or even conditionally, only when they appear in the browser's viewport. This means that if users don't scroll all the way down, images placed at the bottom of the page won't even be loaded

Enable [store view] Yes

Ignore [store view]

Auto Specify image dimensions [store view] Yes
Specifying a width and height for all images allows for faster rendering by eliminating the need for unnecessary reflows and repaints

Optimize Catalog Images

Before images can be optimized, you will need to install the Optimizers as described in article

```
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sudo apt install optipng
sudo apt install pngquant
sudo npm install -g svgo
sudo apt install gifsicle

php bin/magento catalog:images:resize
```

Option	Description
Enable	Allows to enable/disable image auto optimisation (Yes)

Lazy loader for images

Option	Description
Enable	Allows to enable/disable image <u>lazy loading</u> (https://github.com/aFarkas/lazysizes) (Yes)
Ignore	Field specify images that won't be lazy loading.

Option	Description
Auto Specify image dimensions	Allows to enable/disable auto add image width/heigh attributes (No)

Expire Header section

Expire Header

Add Expire Header Enable

TTL for public content Use system value

Public content cache lifetime in seconds. If field is empty default value 31536000 will be saved (+1 year).

Option	Description
Add Expire Header Enable	Allows to enable/disable adding <u>Expire header</u> (https://gtmetrix.com/add-expire-headers.html) to response

Option	Description
TTL for public content	Time To Live for response by default +1 year

DNS-prefetch section

Dns-prefetch

The [dns-prefetch](#) link relation type is used to indicate an origin that will be used to fetch required resources, and that the user agent SHOULD resolve as early as possible.

Enable
[store view]

The [dns-prefetch](https://www.w3.org/TR/resource-hints/#dns-prefetch) link relation type is used to indicate an origin that will be used to fetch required resources, and that the user agent SHOULD resolve as early as possible.

Option	Description
Enable	Allows to enable/disable DNS Prefetch feature

See also

Great! Now you might want to see previous:

- [Installation \(/m2/extensions/pagespeed/installation/\)](#)
- [Changelog \(/m2/extensions/pagespeed/changelog/\)](#)