

Performance Report for: <https://kiwsan.com/>

Report generated: Wed, Dec 11, 2019 8:57 AM -0800

Test Server Region: Vancouver, Canada

Using: Chrome (Desktop) 75.0.3770.100, PageSpeed 1.15-gt1.2, YSlow 3.1.8

PageSpeed Score

A (96%) ^

YSlow Score

B (83%) ^

Fully Loaded Time

1.6s ^

Total Page Size

220KB ^

Requests

19 ^

Top 5 Priority Issues

Optimize images	<div><div>A (90)</div></div>	AVG SCORE: 72%	IMAGES	HIGH
Inline small JavaScript	<div><div>A (92)</div></div>	AVG SCORE: 95%	JS	HIGH
Leverage browser caching	<div><div>A (92)</div></div>	AVG SCORE: 63%	SERVER	HIGH
Enable compression	<div><div>A (94)</div></div>	AVG SCORE: 88%	SERVER	HIGH
Minify CSS	<div><div>A (99)</div></div>	AVG SCORE: 96%	CSS	HIGH

How does this affect me?

Studies show that users leave a site if it hasn't loaded in 4 seconds; keep your users happy and engaged by providing a fast performing website.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**

About GTmetrix

We can help you develop a faster, more efficient, and all-around improved website experience for your users. We use Google PageSpeed and Yahoo! YSlow to grade your site's performance and provide actionable recommendations to fix these issues.

About the Developer

GT.net
Performance Hosting

GTmetrix is developed by the good folks at **GT.net**, a Vancouver-based performance hosting company with over 23 years experience in web technology.

<https://gt.net/>

What do these grades mean?

This report is an analysis of your site with Google and Yahoo!'s metrics for how to best develop a site for optimized speed. The **grades you see represent** how well the scanned URL adheres to those rules.

Lower grades (C or lower) mean that the page can stand to be faster using better practices and optimizing your settings.

What's in this report?

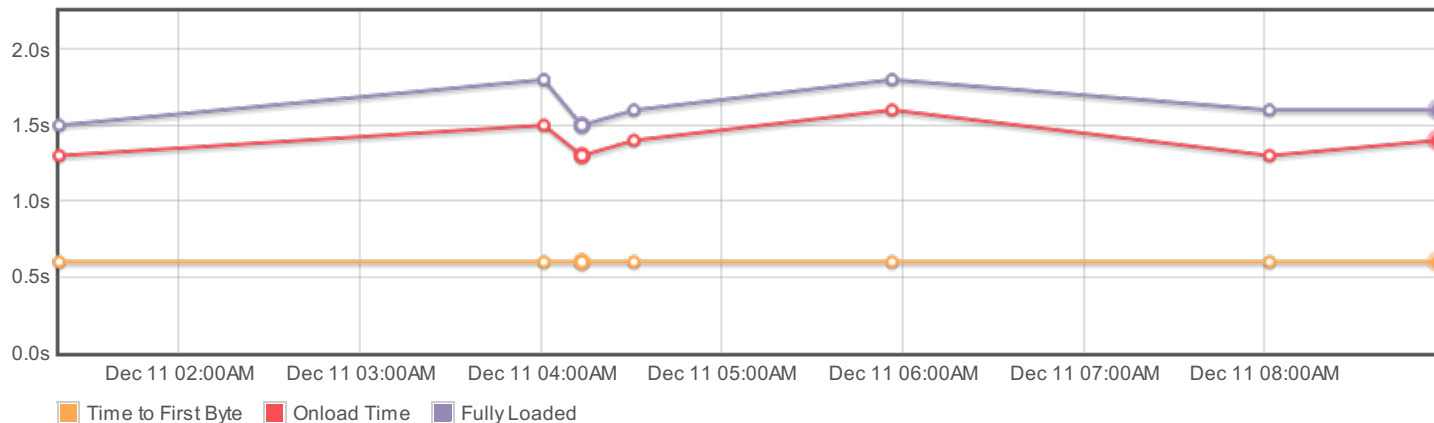
This report covers basic to technical analyses on your page. It is categorized under many headings:

- **Executive:** Overall score information and Priority Issues
- **History:** Graphed history of past performance
- **Waterfall:** Graph of your site's loading timeline
- **Technical:** In-depth PageSpeed & YSlow information

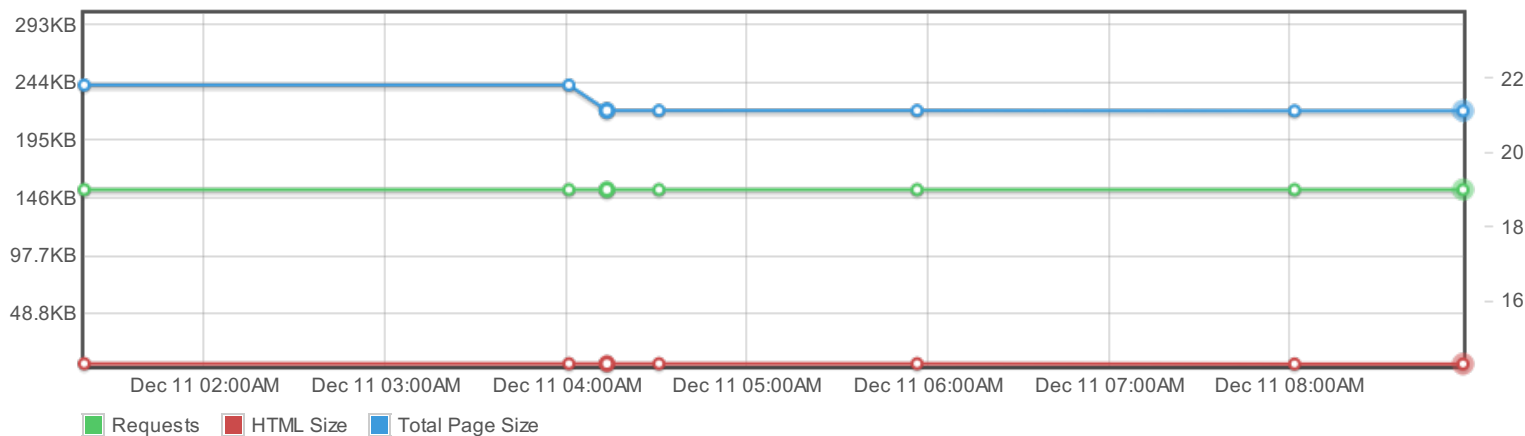
These will provide you with a snapshot of your performance.

History

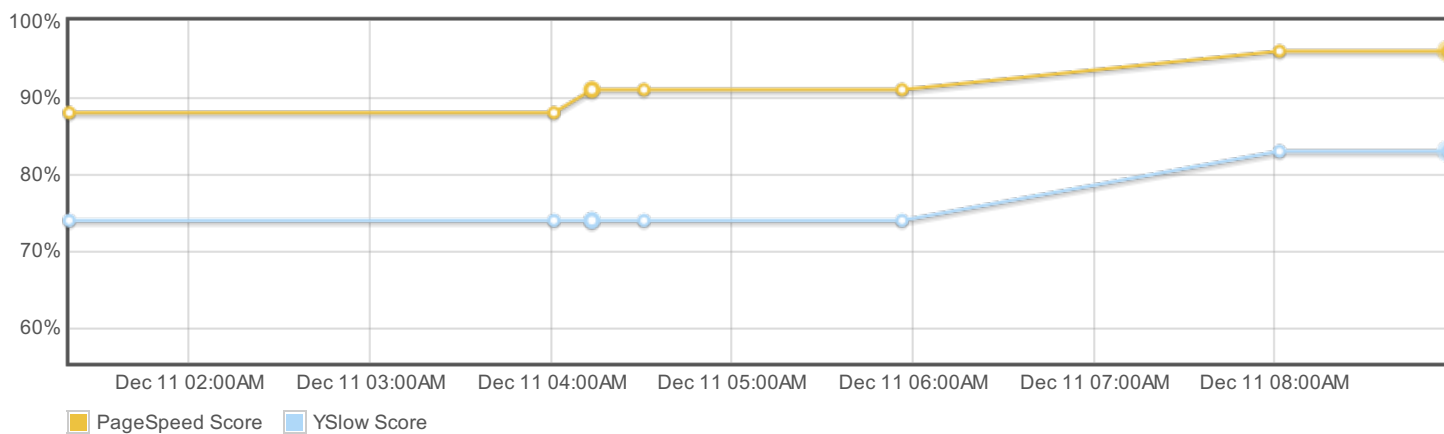
Page load times



Page sizes and request counts



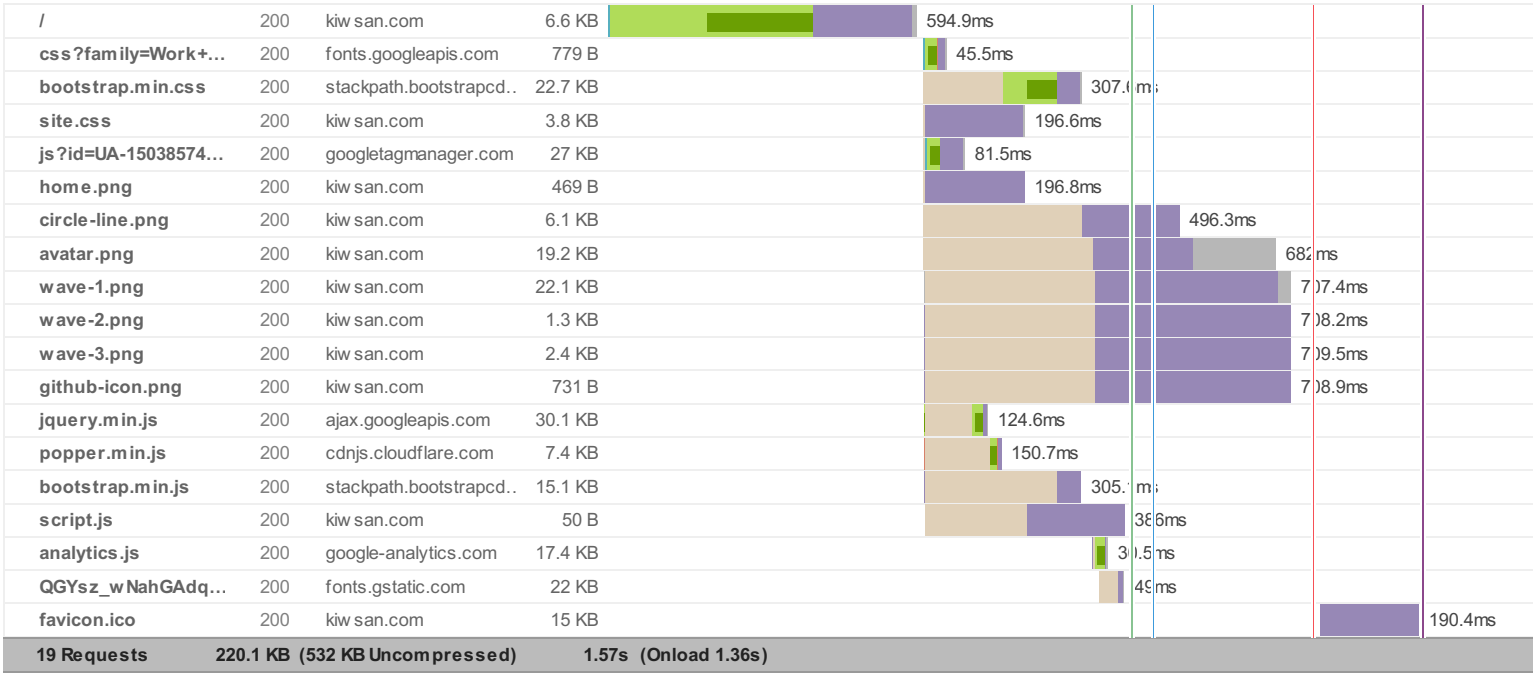
PageSpeed and YSlow scores



Waterfall Chart

The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

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PageSpeed Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Optimize images	A (90)	▲ AVG SCORE: 72%	IMAGES	HIGH

Optimize the following images to reduce their size by 11.5KiB (38% reduction).

- Losslessly compressing <https://kiwsan.com/static/images/wave-1.png> could save 10.8KiB (49% reduction). See [optimized version](#).
- Losslessly compressing <https://kiwsan.com/static/images/wave-3.png> could save 493B (21% reduction). See [optimized version](#).
- Losslessly compressing <https://kiwsan.com/static/images/circle-line.png> could save 202B (4% reduction). See [optimized version](#).

Inline small JavaScript	A (92)	◆ AVG SCORE: 95%	JS	HIGH
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The following external resources have small response bodies. Inlining the response in HTML can reduce blocking of page rendering.

<https://kiwsan.com/> should inline the following small resources:

- <https://kiwsan.com/static/js/script.js>

Leverage browser caching	A (92)	▲ AVG SCORE: 63%	SERVER	HIGH
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Leverage browser caching for the following cacheable resources:

- <https://www.googletagmanager.com/gtag/js?id=UA-150385748-1> (15 minutes)
- <https://www.google-analytics.com/analytics.js> (2 hours)

Enable compression	A (94)	▲ AVG SCORE: 88%	SERVER	HIGH
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Enable compression for the following resources to reduce their transfer size by 7.4KiB (71% reduction).

- Compressing <https://kiwsan.com/> could save 4.5KiB (68% reduction).
- Compressing <https://kiwsan.com/static/css/site.css> could save 2.9KiB (76% reduction).

Minify CSS	A (99)	◆ AVG SCORE: 96%	CSS	HIGH
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Minify CSS for the following resources to reduce their size by 1.5KiB (6% reduction).

- Minifying <https://kiwsan.com/static/css/site.css> could save 1.3KiB (35% reduction). See [optimized version](#).
- Minifying <https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css> could save 187B (1% reduction) after compression. See [optimized version](#).
- Minifying <https://fonts.googleapis.com/css?family=Work+Sans&display=swap> could save 23B (7% reduction) after compression. See [optimized version](#).

Specify image dimensions	A (99)	◆ AVG SCORE: 98%	IMAGES	MEDIUM
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The following image(s) are missing width and/or height attributes.

- <https://kiwsan.com/static/images/avatar.png> (Dimensions: 690 x 555)
- <https://kiwsan.com/static/images/circle-line.png> (Dimensions: 350 x 157)

- <https://kiwsan.com/static/images/github-icon.png> (Dimensions: 30 x 30)
- <https://kiwsan.com/static/images/home.png> (Dimensions: 48 x 33)
- <https://kiwsan.com/static/images/wave-1.png> (Dimensions: 1888 x 922)
- <https://kiwsan.com/static/images/wave-2.png> (Dimensions: 32 x 212)
- <https://kiwsan.com/static/images/wave-3.png> (Dimensions: 574 x 53)

Minify HTML

A (99)

AVG SCORE: 98%

CONTENT

LOW

Minify HTML for the following resources to reduce their size by 1.2KiB (18% reduction).

- Minifying <https://kiwsan.com/> could save 1.2KiB (18% reduction). See [optimized version](#).

Minify JavaScript

A (99)

AVG SCORE: 90%

JS

HIGH

Minify JavaScript for the following resources to reduce their size by 964B (1% reduction).

- Minifying <https://www.googletagmanager.com/gtag/js?id=UA-150385748-1> could save 457B (2% reduction) after compression. See [optimized version](#).
- Minifying <https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js> could save 157B (2% reduction) after compression. See [optimized version](#).
- Minifying <https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js> could save 125B (2% reduction) after compression. See [optimized version](#).
- Minifying <https://www.google-analytics.com/analytics.js> could save 113B (1% reduction) after compression. See [optimized version](#).
- Minifying <https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js> could save 62B (1% reduction) after compression. See [optimized version](#).
- Minifying <https://kiwsan.com/static/js/script.js> could save 50B (100% reduction). See [optimized version](#).

Defer parsing of JavaScript

A (99)

AVG SCORE: 72%

JS

HIGH

114B of JavaScript is parsed during initial page load. Defer parsing JavaScript to reduce blocking of page rendering.

- <https://kiwsan.com/> (114B of inline JavaScript)

Avoid bad requests

A (100)

AVG SCORE: 98%

CONTENT

HIGH

You scored 100% on this recommendation - nothing to do here!

Avoid landing page redirects

A (100)

AVG SCORE: 98%

SERVER

HIGH

You scored 100% on this recommendation - nothing to do here!

Enable Keep-Alive

A (100)

AVG SCORE: 98%

SERVER

HIGH

You scored 100% on this recommendation - nothing to do here!

Inline small CSS

A (100)

AVG SCORE: 96%

CSS

HIGH

You scored 100% on this recommendation - nothing to do here!

Minimize redirects

A (100)

AVG SCORE: 89%

CONTENT

HIGH

You scored 100% on this recommendation - nothing to do here!

Minimize request size

A (100)

AVG SCORE: 96%

CONTENT

HIGH

You scored 100% on this recommendation - nothing to do here!

Optimize the order of styles and scripts

A (100)

AVG SCORE: 95%

CSS/JS

HIGH

You scored 100% on this recommendation - nothing to do here!

Put CSS in the document head

A (100)

AVG SCORE: 100%

CSS

HIGH

You scored 100% on this recommendation - nothing to do here!

Serve resources from a consistent URL

A (100)

AVG SCORE: 90%

CONTENT

HIGH

You scored 100% on this recommendation - nothing to do here!

Serve scaled images

A (100)

AVG SCORE: 70%

IMAGES

HIGH

You scored 100% on this recommendation - nothing to do here!

Specify a cache validator

A (100)

AVG SCORE: 95%

SERVER

HIGH

You scored 100% on this recommendation - nothing to do here!

Specify a Vary: Accept-Encoding header

A (98)

AVG SCORE: 96%

SERVER

LOW

The following publicly cacheable, compressible resources should have a "Vary: Accept-Encoding" header:

- <https://kiwsan.com/static/css/site.css>
- <https://kiwsan.com/static/js/script.js>

Combine images using CSS sprites

A (100)

AVG SCORE: 93%

IMAGES

HIGH

You scored 100% on this recommendation - nothing to do here!

Avoid CSS @import

A (100)

AVG SCORE: 98%

CSS

MEDIUM

You scored 100% on this recommendation - nothing to do here!

Prefer asynchronous resources

A (100)

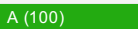
AVG SCORE: 100%

JS

MEDIUM

You scored 100% on this recommendation - nothing to do here!

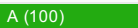
Specify a character set early



AVG SCORE: 100% CONTENT MEDIUM

You scored 100% on this recommendation - nothing to do here!

Avoid a character set in the meta tag



AVG SCORE: 100% CONTENT LOW

You scored 100% on this recommendation - nothing to do here!

YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Use a Content Delivery Network (CDN)	<div><div>F (10)</div></div>	▼ AVG SCORE: 27%	SERVER	MEDIUM

Using a CDN YSlow doesn't recognize? Specify your CDNs in your [User Settings](#).

There are 9 static components that are not on CDN.

- <https://kiwsan.com/static/css/site.css>
- <https://kiwsan.com/static/images/home.png>
- <https://kiwsan.com/static/images/circle-line.png>
- <https://kiwsan.com/static/images/avatar.png>
- <https://kiwsan.com/static/images/wave-1.png>
- <https://kiwsan.com/static/images/wave-2.png>
- <https://kiwsan.com/static/images/wave-3.png>
- <https://kiwsan.com/static/images/github-icon.png>
- <https://kiwsan.com/static/js/script.js>

Add Expires headers	<div><div>D (67)</div></div>	▲ AVG SCORE: 29%	SERVER	HIGH
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There are 3 static components without a far-future expiration date.

- <https://fonts.googleapis.com/css?family=Work+Sans&display=swap>
- <https://www.googletagmanager.com/gtag/js?id=UA-150385748-1>
- <https://www.google-analytics.com/analytics.js>

Compress components	<div><div>C (78)</div></div>	▼ AVG SCORE: 89%	SERVER	HIGH
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There are 2 plain text components that should be sent compressed

- <https://kiwsan.com/>
- <https://kiwsan.com/static/css/site.css>

Make fewer HTTP requests	<div><div>B (84)</div></div>	▲ AVG SCORE: 31%	CONTENT	HIGH
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This page has 6 external Javascript scripts. Try combining them into one.

This page has 3 external stylesheets. Try combining them into one.

Minify JavaScript and CSS	<div><div>B (80)</div></div>	▲ AVG SCORE: 72%	CSS/JS	MEDIUM
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There are 2 components that can be minified

- <https://kiwsan.com/static/css/site.css>
- inline <script> tag #1

Reduce DNS lookups	<div><div>B (85)</div></div>	▲ AVG SCORE: 70%	CONTENT	LOW
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The components are split over more than 4 domains

- kiwsan.com: 11 components, 79.6K
- fonts.googleapis.com: 1 component, 0.8K (0.7K GZip)
- stackpath.bootstrapcdn.com: 2 components, 213.8K (38.6K GZip)

- www.googletagmanager.com: 1 component, 74.3K (27.6K GZip)
- ajax.googleapis.com: 1 component, 88.1K (30.7K GZip)
- cdnjs.cloudflare.com: 1 component, 21.0K (7.5K GZip)
- www.google-analytics.com: 1 component, 44.4K (17.8K GZip)

Avoid URL redirects

A (100)

▲ AVG SCORE: 88%

CONTENT

MEDIUM

You scored 100% on this recommendation - nothing to do here!

Make AJAX cacheable

A (100)

◆ AVG SCORE: 100%

JS

MEDIUM

You scored 100% on this recommendation - nothing to do here!

Remove duplicate JavaScript and CSS

A (100)

◆ AVG SCORE: 100%

CSS/JS

MEDIUM

You scored 100% on this recommendation - nothing to do here!

Avoid AlphanLoader filter

A (100)

◆ AVG SCORE: 99%

CSS

MEDIUM

You scored 100% on this recommendation - nothing to do here!

Avoid HTTP 404 (Not Found) error

A (100)

◆ AVG SCORE: 98%

CONTENT

MEDIUM

You scored 100% on this recommendation - nothing to do here!

Reduce the number of DOM elements

A (100)

▲ AVG SCORE: 91%

CONTENT

LOW

You scored 100% on this recommendation - nothing to do here!

Use cookie-free domains

A (100)

▲ AVG SCORE: 55%

COOKIE

LOW

You scored 100% on this recommendation - nothing to do here!

Use GET for AJAX requests

A (100)

◆ AVG SCORE: 100%

JS

LOW

You scored 100% on this recommendation - nothing to do here!

Avoid CSS expressions

A (100)

◆ AVG SCORE: 100%

CSS

LOW

You scored 100% on this recommendation - nothing to do here!

Reduce cookie size

A (100)

◆ AVG SCORE: 100%

COOKIE

LOW

You scored 100% on this recommendation - nothing to do here!

Make favicon small and cacheable

A (100)

AVG SCORE: 100%

IMAGES

LOW

You scored 100% on this recommendation - nothing to do here!

Configure entity tags (ETags)

A (100)

AVG SCORE: 95%

SERVER

LOW

You scored 100% on this recommendation - nothing to do here!

Make JavaScript and CSS external

(n/a)

CSS/JS

MEDIUM

Only consider this if your property is a common user home page.

- There is a total of 1 inline script