



Performance Report for: <http://tides.big.go.id/DEMNAS/>

Report generated: Sun, Oct 11, 2020 8:27 PM -0700
 Test Server Region:  Vancouver, Canada
 Using:  Chrome (Desktop) 75.0.3770.100, PageSpeed 1.15-gt1.3, YSlow 3.1.8

PageSpeed Score F(0%) ▼	YSlow Score D(65%) ▼	Fully Loaded Time 8.6s ▼	Total Page Size 29.7MB ▼	Requests 38 ▲
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Top 5 Priority Issues

Serve scaled images	F (0)	▼	AVG SCORE: 69%	IMAGES	HIGH
Optimize images	F (0)	▼	AVG SCORE: 74%	IMAGES	HIGH
Enable compression	F (0)	▼	AVG SCORE: 90%	SERVER	HIGH
Leverage browser caching	F (1)	▼	AVG SCORE: 64%	SERVER	HIGH
Inline small CSS	B (83)	▼	AVG SCORE: 99%	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



GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 24 years experience in web technology.

<https://carbon60.com/>

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?

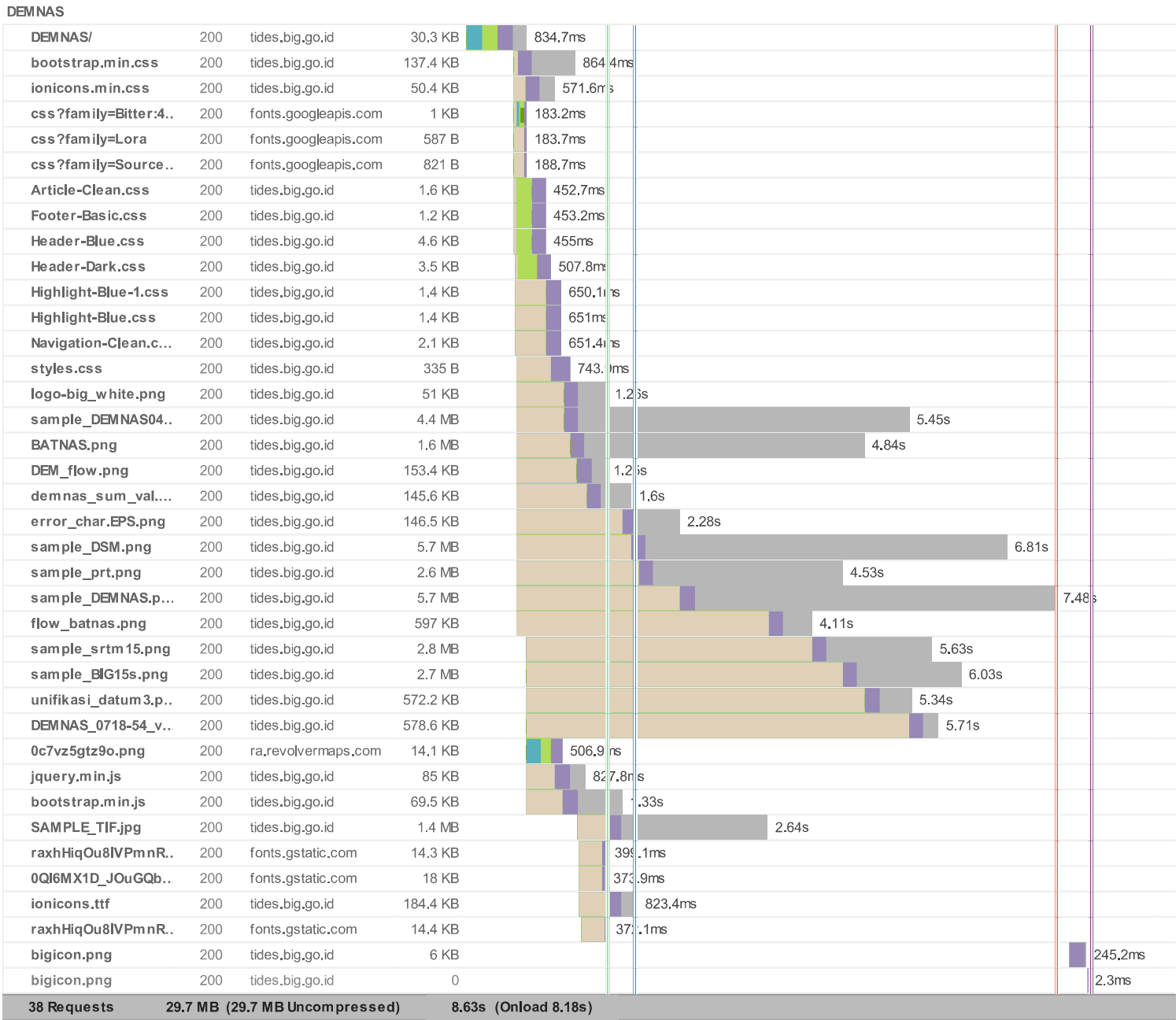
This report covers basic to technical analyses on your page. It is categorized under many headings:

- **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.

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.

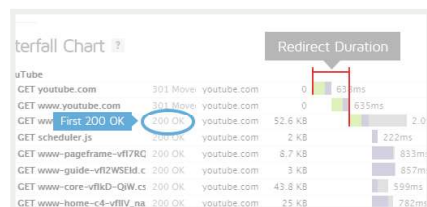


Page Load Timings

RUM Speed Index: 4,083

Redirect 0ms	Connect 428ms	Backend 211ms	TTFB 0.6s
First paint 1.9s	Contentful paint 1.9s	DOM int. 2.3s	DOM loaded 2.3s (0ms)
Onload 8.2s (3ms)			

Redirect duration



This is the time spent redirecting URLs before the final HTML page is loaded. Common redirects include:

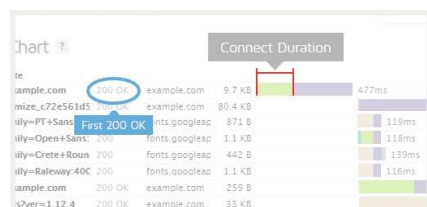
- Redirect from a non-www to www (eg. example.com to www.example.com)
- Redirect to a secure URL (eg. http:// to https://)
- Redirect to set cookies
- Redirect to a mobile version of the site

Some sites may even perform a chain of multiple redirects (eg. non-www to www, then to a secure URL). This timing is the total of all this time that's spent redirecting, or 0 if no redirects occurred.

In the Waterfall Chart, Redirect duration consists of the time from the beginning of the test until just before we start the request of the final HTML page (when we receive the first 200 OK response).

During this time, the browser screen is blank! Ensure that this duration is kept to short by [minimizing your redirects](#).

Connection duration



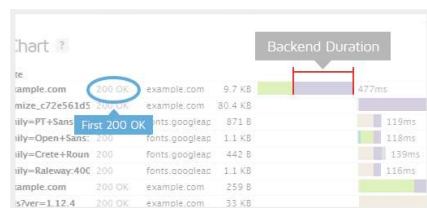
Once any redirects have completed, Connection duration is measured. This is the time spent connecting to the server to make the request to the page.

Technically speaking, this duration is a combination of the blocked time, DNS time, connect time and sending time of the request (rather than *just* connect time). We've combined those components into a single Connection duration to simplify things (as most of these times are usually small).

In the Waterfall Chart, Connection duration consists of everything up to and including the "Sending" time in the final HTML page request (the first 200 OK response).

During this time, the browser screen is still blank! Various causes could contribute to this, including a slow/problematic connection between the test server and site or slow response times from the site.

Backend duration

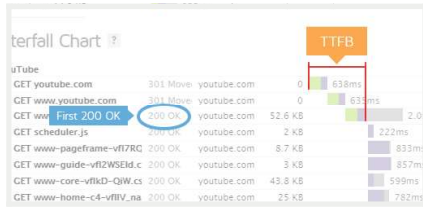


Once the connection is complete and the request is made, the server needs to generate a response for the page. The time it takes to generate the response is known as the Backend duration.

In the Waterfall Chart, Backend duration consists of purple waiting time in the page request.

There are a number of reasons why Backend duration could be slow. We cover this in our ["Why is my page slow"](#) article.

Time to First Byte (TTFB)

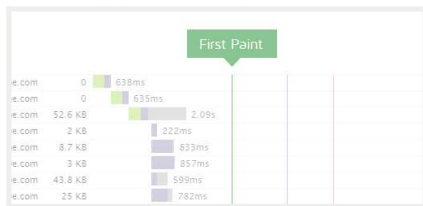


Time to First Byte (TTFB) is the total amount of time spent to receive the first byte of the response once it has been requested. It is the sum of "Redirect duration" + "Connection duration" + "Backend duration". This metric is one of the key indicators of web performance.

In the Waterfall Chart, it is calculated at the start of the test until just before receiving on the page request and represented by the orange line.

Some ways to improve the TTFB include: optimizing application code, implementing caching, fine-tuning your web server configuration, or upgrading server hardware.

First paint time



First paint time is the first point at which the browser does any sort of rendering on the page. Depending on the structure of the page, this first paint could just be displaying the background colour (including white), or it could be a majority of the page being rendered.

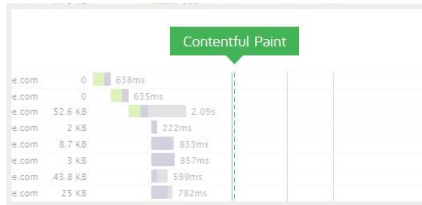
In the Waterfall Chart, it is represented by the green line.

This timing is of significance because until this point, the browser will have only shown a blank page and this change gives the user an indication that the page is loading. However, we don't know how much of the page was rendered with this paint, so having a early first paint doesn't necessarily

indicate a fast loading page.

If the browser does not perform a paint (ie. the html results in an blank page), then the paint timings may be missing.

First contentful paint time



First Contentful Paint is triggered when any *content* is painted - i.e. something defined in the DOM (Document Object Model). This could be text, an image or canvas render.

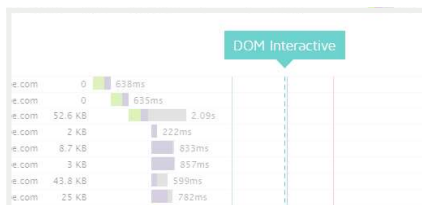
This timing aims to be more representative of your user's experience, as it flags when actual content has been loaded in the page, and not just any change - but it may often be the same time as First Paint.

Because the focus is on content, the idea is that this metric gives you an idea of when your user receives consumable information (text, visuals, etc) - much more useful for performance assessment

than when a background has changed or a style has been applied.

If the browser does not perform a paint (ie. the html results in an blank page), then the paint timings may be missing.

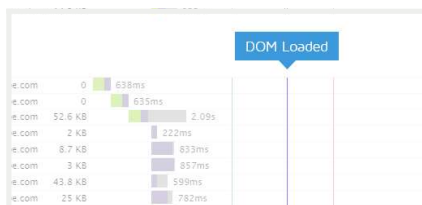
DOM interactive time



DOM interactive time is the point at which the browser has finished loading and parsing HTML, and the DOM (Document Object Model) has been built. The DOM is how the browser internally structures the HTML so that it can render it.

DOM interactive time isn't marked in the Waterfall Chart as it's usually very close in timing to DOM content loaded.

DOM content loaded time



DOM content loaded time (DOM loaded or DOM ready for short) is the point at which the DOM is ready (ie. DOM interactive) and there are no stylesheets blocking JavaScript execution.

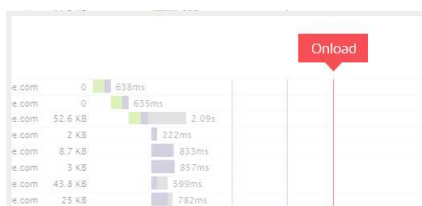
If there are no stylesheets blocking JavaScript execution and there is no parser blocking JavaScript, then this will be the same as DOM interactive time.

In the Waterfall Chart, it is represented by the blue line.

The time in brackets is the time spent executing JavaScript triggered by the DOM content loaded event. Many JavaScript frameworks use this event as a starting point to begin execution of their code.

Since this event is often used by JavaScript as the starting point and delays in this event mean delays in rendering, it's important to make sure that [style and script order is optimized](#) and that [parsing of JavaScript is deferred](#).

Onload time



Onload time occurs when the processing of the page is complete and all the resources on the page (images, CSS, etc.) have finished downloading. This is also the same time that DOM complete occurs and the JavaScript window.onload event fires.

Note that there may be JavaScript that initiates subsequent requests for more resources, hence the reason why Fully loaded timing is preferred.

In the Waterfall Chart, it is represented by the red line.

The time in brackets is the time spent executing JavaScript triggered by the Onload event.

Note that Onload time was the previous default for when to stop the test prior to February 8th, 2017.

PageSpeed Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Serve scaled images	F (0)	✓ AVG SCORE: 69%	IMAGES	HIGH

The following images are resized in HTML or CSS. Serving scaled images could save 24.5MiB (96% reduction).

- http://tides.big.go.id/DEMNAS/assets/img/sample_DEMNAS.png is resized in HTML or CSS from 2192x2306 to 300x316. Serving a scaled image could save 5.6MiB (98% reduction).
- http://tides.big.go.id/DEMNAS/assets/img/sample_DSM.png is resized in HTML or CSS from 2192x2306 to 300x316. Serving a scaled image could save 5.6MiB (98% reduction).
- http://tides.big.go.id/DEMNAS/assets/img/sample_DEMNAS04.png is resized in HTML or CSS from 2192x1512 to 600x414. Serving a scaled image could save 4.1MiB (92% reduction).
- http://tides.big.go.id/DEMNAS/assets/img/sample_srtm15.png is resized in HTML or CSS from 2062x1364 to 500x331. Serving a scaled image could save 2.6MiB (94% reduction).
- http://tides.big.go.id/DEMNAS/assets/img/sample_prt.png is resized in HTML or CSS from 2192x2306 to 300x316. Serving a scaled image could save 2.6MiB (98% reduction).
- http://tides.big.go.id/DEMNAS/assets/img/sample_BIG15s.png is resized in HTML or CSS from 2062x1364 to 500x331. Serving a scaled image could save 2.6MiB (94% reduction).
- http://tides.big.go.id/DEMNAS/assets/img/flow_batnas.png is resized in HTML or CSS from 2002x1009 to 400x202. Serving a scaled image could save 572.8KiB (96% reduction).
- http://tides.big.go.id/DEMNAS/assets/img/unifikasi_datum3.png is resized in HTML or CSS from 1438x2260 to 350x550. Serving a scaled image could save 538.0KiB (94% reduction).
- http://tides.big.go.id/DEMNAS/assets/img/DEM_flow.png is resized in HTML or CSS from 1995x951 to 600x286. Serving a scaled image could save 139.2KiB (90% reduction).
- http://tides.big.go.id/DEMNAS/assets/img/error_char.EPS.png is resized in HTML or CSS from 1711x1273 to 400x298. Serving a scaled image could save 138.2KiB (94% reduction).
- http://tides.big.go.id/DEMNAS/assets/img/demnas_sum_val.EPS.png is resized in HTML or CSS from 1710x1273 to 400x298. Serving a scaled image could save 137.3KiB (94% reduction).
- http://tides.big.go.id/DEMNAS/assets/img/logo-big_white.png is resized in HTML or CSS from 1219x1219 to 30x30. Serving a scaled image could save 50.7KiB (99% reduction).

Optimize images	F (0)	✓ AVG SCORE: 74%	IMAGES	HIGH
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Optimize the following images to reduce their size by 895.9KiB (9% reduction).

- Losslessly compressing http://tides.big.go.id/DEMNAS/assets/img/sample_prt.png could save 346.2KiB (13% reduction). See [optimized version](#).
- Losslessly compressing http://tides.big.go.id/DEMNAS/assets/img/flow_batnas.png could save 212.2KiB (36% reduction). See [optimized version](#).
- Losslessly compressing http://tides.big.go.id/DEMNAS/assets/img/sample_DEMNAS.png could save 99.1KiB (2% reduction). See [optimized version](#).
- Losslessly compressing http://tides.big.go.id/DEMNAS/assets/img/unifikasi_datum3.png could save 75.6KiB (14% reduction). See [optimized version](#).
- Losslessly compressing http://tides.big.go.id/DEMNAS/assets/img/error_char.EPS.png could save 59.6KiB (41% reduction). See [optimized version](#).
- Losslessly compressing http://tides.big.go.id/DEMNAS/assets/img/DEM_flow.png could save 53.8KiB (36% reduction). See [optimized version](#).
- Losslessly compressing http://tides.big.go.id/DEMNAS/assets/img/logo-big_white.png could save 40.0KiB (78% reduction). See [optimized version](#).
- Losslessly compressing http://tides.big.go.id/DEMNAS/assets/img/DEMNAS_0718-54_v1.0.png could save 5.2KiB (1% reduction). See [optimized version](#).
- Losslessly compressing <http://tides.big.go.id/DEMNAS/images/bigicon.png> could save 3.5KiB (61% reduction). See [optimized version](#).
- Losslessly compressing <http://ra.revolvermaps.com/h/m/a/0/ff0000/70/0/0c7v5gtz9o.png> could save 758B (6% reduction). See [optimized version](#).

Enable compression	F (0)	✓ AVG SCORE: 90%	SERVER	HIGH
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Enable compression for the following resources to reduce their transfer size by 294.8KiB (76% reduction).

- Compressing <http://tides.big.go.id/DEMNAS/assets/bootstrap/css/bootstrap.min.css> could save 116.6KiB (85% reduction).
- Compressing <http://tides.big.go.id/DEMNAS/assets/js/jquery.min.js> could save 55.2KiB (65% reduction).
- Compressing <http://tides.big.go.id/DEMNAS/assets/bootstrap/js/bootstrap.min.js> could save 48.9KiB (70% reduction).
- Compressing <http://tides.big.go.id/DEMNAS/assets/fonts/ionicons.min.css> could save 42.0KiB (83% reduction).
- Compressing <http://tides.big.go.id/DEMNAS/> could save 22.8KiB (76% reduction).
- Compressing <http://tides.big.go.id/DEMNAS/assets/css/Header-Blue.css> could save 3.1KiB (72% reduction).
- Compressing <http://tides.big.go.id/DEMNAS/assets/css/Header-Dark.css> could save 2.4KiB (73% reduction).
- Compressing <http://tides.big.go.id/DEMNAS/assets/css/Navigation-Clean.css> could save 1.3KiB (72% reduction).
- Compressing <http://tides.big.go.id/DEMNAS/assets/css/Article-Clean.css> could save 847B (66% reduction).

- Compressing <http://tides.big.go.id/DEMNAS/assets/css/Highlight-Blue-1.css> could save 661B (60% reduction).
- Compressing <http://tides.big.go.id/DEMNAS/assets/css/Highlight-Blue.css> could save 658B (59% reduction).
- Compressing <http://tides.big.go.id/DEMNAS/assets/css/Footer-Basic.css> could save 509B (59% reduction).

Leverage browser caching

F (1)

AVG SCORE: 64%

SERVER

HIGH

Leverage browser caching for the following cacheable resources:

- <http://tides.big.go.id/DEMNAS/assets/bootstrap/css/bootstrap.min.css> (expiration not specified)
- <http://tides.big.go.id/DEMNAS/assets/bootstrap/js/bootstrap.min.js> (expiration not specified)
- <http://tides.big.go.id/DEMNAS/assets/css/Article-Clean.css> (expiration not specified)
- <http://tides.big.go.id/DEMNAS/assets/css/Footer-Basic.css> (expiration not specified)
- <http://tides.big.go.id/DEMNAS/assets/css/Header-Blue.css> (expiration not specified)
- <http://tides.big.go.id/DEMNAS/assets/css/Header-Dark.css> (expiration not specified)
- <http://tides.big.go.id/DEMNAS/assets/css/Highlight-Blue-1.css> (expiration not specified)
- <http://tides.big.go.id/DEMNAS/assets/css/Highlight-Blue.css> (expiration not specified)
- <http://tides.big.go.id/DEMNAS/assets/css/Navigation-Clean.css> (expiration not specified)
- <http://tides.big.go.id/DEMNAS/assets/css/styles.css> (expiration not specified)
- <http://tides.big.go.id/DEMNAS/assets/fonts/ionicons.min.css> (expiration not specified)
- <http://tides.big.go.id/DEMNAS/assets/img/BATNAS.png> (expiration not specified)
- http://tides.big.go.id/DEMNAS/assets/img/DEMNAS_0718-54_v1.0.png (expiration not specified)
- http://tides.big.go.id/DEMNAS/assets/img/DEM_flow.png (expiration not specified)
- http://tides.big.go.id/DEMNAS/assets/img/SAMPLE_TIF.jpg (expiration not specified)
- http://tides.big.go.id/DEMNAS/assets/img/demnas_sum_val.EPS.png (expiration not specified)
- http://tides.big.go.id/DEMNAS/assets/img/error_char.EPS.png (expiration not specified)
- http://tides.big.go.id/DEMNAS/assets/img/flow_batnas.png (expiration not specified)
- http://tides.big.go.id/DEMNAS/assets/img/logo-big_white.png (expiration not specified)
- http://tides.big.go.id/DEMNAS/assets/img/sample_BIG15s.png (expiration not specified)
- http://tides.big.go.id/DEMNAS/assets/img/sample_DEMNAS.png (expiration not specified)
- http://tides.big.go.id/DEMNAS/assets/img/sample_DEMNAS04.png (expiration not specified)
- http://tides.big.go.id/DEMNAS/assets/img/sample_DSM.png (expiration not specified)
- <http://tides.big.go.id/DEMNAS/assets/img/sample prt.png> (expiration not specified)
- http://tides.big.go.id/DEMNAS/assets/img/sample_srtm15.png (expiration not specified)
- http://tides.big.go.id/DEMNAS/assets/img/unifikasi_datum3.png (expiration not specified)
- <http://tides.big.go.id/DEMNAS/assets/js/jquery.min.js> (expiration not specified)
- <http://tides.big.go.id/DEMNAS/images/bigicon.png> (expiration not specified)

Inline small CSS

B (83)

AVG SCORE: 99%

CSS

HIGH

The following external resources have small response bodies. Inlining the response in HTML can reduce blocking of page rendering.

<http://tides.big.go.id/DEMNAS/> should inline the following small resources:

- <http://tides.big.go.id/DEMNAS/assets/css/Footer-Basic.css>
- <http://tides.big.go.id/DEMNAS/assets/css/styles.css>

Specify image dimensions

A (98)

AVG SCORE: 98%

IMAGES

MEDIUM

The following image(s) are missing width and/or height attributes.

- <http://tides.big.go.id/DEMNAS/assets/img/BATNAS.png> (Dimensions: 1072 x 837)
- http://tides.big.go.id/DEMNAS/assets/img/DEMNAS_0718-54_v1.0.png (Dimensions: 518 x 494)
- http://tides.big.go.id/DEMNAS/assets/img/DEM_flow.png (Dimensions: 1995 x 951)
- http://tides.big.go.id/DEMNAS/assets/img/demnas_sum_val.EPS.png (Dimensions: 1710 x 1273)
- http://tides.big.go.id/DEMNAS/assets/img/error_char.EPS.png (Dimensions: 1711 x 1273)
- http://tides.big.go.id/DEMNAS/assets/img/flow_batnas.png (Dimensions: 2002 x 1009)
- http://tides.big.go.id/DEMNAS/assets/img/logo-big_white.png (Dimensions: 1219 x 1219)
- http://tides.big.go.id/DEMNAS/assets/img/sample_BIG15s.png (Dimensions: 2062 x 1364)
- http://tides.big.go.id/DEMNAS/assets/img/sample_DEMNAS.png (Dimensions: 2192 x 2306)
- http://tides.big.go.id/DEMNAS/assets/img/sample_DEMNAS04.png (Dimensions: 2192 x 1512)
- http://tides.big.go.id/DEMNAS/assets/img/sample_DSM.png (Dimensions: 2192 x 2306)

- http://tides.big.go.id/DEMNAS/assets/img/sample_prt.png (Dimensions: 2192 x 2306)
- http://tides.big.go.id/DEMNAS/assets/img/sample_srtm15.png (Dimensions: 2062 x 1364)
- http://tides.big.go.id/DEMNAS/assets/img/unifikasi_datum3.png (Dimensions: 1438 x 2260)

Minify CSS

A (98)



AVG SCORE: 96%

CSS

HIGH

Minify CSS for the following resources to reduce their size by 2.4KiB (2% reduction).

- Minifying <http://tides.big.go.id/DEMNAS/assets/css/Header-Blue.css> could save 511B (12% reduction). See [optimized version](#).
- Minifying <http://tides.big.go.id/DEMNAS/assets/fonts/ionicons.min.css> could save 463B (1% reduction). See [optimized version](#).
- Minifying <http://tides.big.go.id/DEMNAS/assets/css/Header-Dark.css> could save 345B (11% reduction). See [optimized version](#).
- Minifying <http://tides.big.go.id/DEMNAS/assets/bootstrap/css/bootstrap.min.css> could save 216B (1% reduction). See [optimized version](#).
- Minifying <http://tides.big.go.id/DEMNAS/assets/css/Navigation-Clean.css> could save 203B (12% reduction). See [optimized version](#).
- Minifying <http://tides.big.go.id/DEMNAS/assets/css/Article-Clean.css> could save 173B (14% reduction). See [optimized version](#).
- Minifying <http://tides.big.go.id/DEMNAS/assets/css/Highlight-Blue-1.css> could save 139B (13% reduction). See [optimized version](#).
- Minifying <http://tides.big.go.id/DEMNAS/assets/css/Highlight-Blue.css> could save 139B (13% reduction). See [optimized version](#).
- Minifying <http://tides.big.go.id/DEMNAS/assets/css/Footer-Basic.css> could save 127B (15% reduction). See [optimized version](#).
- Minifying <https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,700> could save 59B (9% reduction) after compression. See [optimized version](#).
- Minifying <https://fonts.googleapis.com/css?family=Bitter:400,700> could save 48B (10% reduction) after compression. See [optimized version](#).
- Minifying <https://fonts.googleapis.com/css?family=Lora> could save 45B (10% reduction) after compression. See [optimized version](#).

Specify a character set early

A (99)



AVG SCORE: 100%

CONTENT

MEDIUM

The following resources have no character set specified in their HTTP headers. Specifying a character set in HTTP headers can speed up browser rendering.

- <http://tides.big.go.id/DEMNAS/>
- <http://tides.big.go.id/DEMNAS/assets/fonts/ionicons.ttf>

Minify JavaScript

A (99)



AVG SCORE: 90%

JS

HIGH

Minify JavaScript for the following resources to reduce their size by 375B (1% reduction).

- Minifying <http://tides.big.go.id/DEMNAS/assets/bootstrap/js/bootstrap.min.js> could save 288B (1% reduction). See [optimized version](#).
- Minifying <http://tides.big.go.id/DEMNAS/assets/js/jquery.min.js> could save 87B (1% reduction). See [optimized version](#).

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!

Defer parsing of JavaScript

A (100)



AVG SCORE: 72%

JS

HIGH

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

Enable Keep-Alive

A (100)



AVG SCORE: 99%

SERVER

HIGH

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

Inline small JavaScript

A (100)



AVG SCORE: 99%

JS

HIGH

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

Minimize redirects

A (100)



AVG SCORE: 88%

CONTENT

HIGH

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

Minimize request size

A (100)



AVG SCORE: 99%

CONTENT

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: 91%

CONTENT

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!

Combine images using CSS sprites

A (100)



AVG SCORE: 98%

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!

Avoid a character set in the meta tag

A (99)



AVG SCORE: 100%

CONTENT

LOW

The following resources have a character set specified in a meta tag. Specifying a character set in a meta tag disables the lookahead downloader in IE8. To improve resource download parallelization, move the character set to the HTTP Content-Type response header.

- <http://ides.big.go.id/DEMNAS/>

YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Add Expires headers	F (0)	✓ AVG SCORE: 31%	SERVER	HIGH

There are 31 static components without a far-future expiration date.

- <http://tides.big.go.id/DEMNAS/assets/bootstrap/css/bootstrap.min.css>
- <http://tides.big.go.id/DEMNAS/assets/fonts/ionicons.min.css>
- <https://fonts.googleapis.com/css?family=Bitter:400,700>
- <https://fonts.googleapis.com/css?family=Lora>
- <https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,700>
- <http://tides.big.go.id/DEMNAS/assets/css/Article-Clean.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Footer-Basic.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Header-Blue.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Header-Dark.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Highlight-Blue-1.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Highlight-Blue.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Navigation-Clean.css>
- <http://tides.big.go.id/DEMNAS/assets/css/styles.css>
- http://tides.big.go.id/DEMNAS/assets/img/logo-big_white.png
- http://tides.big.go.id/DEMNAS/assets/img/sample_DEMNAS04.png
- <http://tides.big.go.id/DEMNAS/assets/img/BATNAS.png>
- http://tides.big.go.id/DEMNAS/assets/img/DEM_flow.png
- http://tides.big.go.id/DEMNAS/assets/img/demnas_sum_val.EPS.png
- http://tides.big.go.id/DEMNAS/assets/img/error_char.EPS.png
- http://tides.big.go.id/DEMNAS/assets/img/sample_DSM.png
- http://tides.big.go.id/DEMNAS/assets/img/sample_prt.png
- http://tides.big.go.id/DEMNAS/assets/img/sample_DEMNAS.png
- http://tides.big.go.id/DEMNAS/assets/img/flow_batnas.png
- http://tides.big.go.id/DEMNAS/assets/img/sample_srtm15.png
- http://tides.big.go.id/DEMNAS/assets/img/sample_BIG15s.png
- http://tides.big.go.id/DEMNAS/assets/img/unifikasi_datum3.png
- http://tides.big.go.id/DEMNAS/assets/img/DEMNAS_0718-54_v1.0.png
- <http://ra.revolvermaps.com/h/m/a/0/ff0000/70/0/0c7vz5gtz9o.png>
- <http://tides.big.go.id/DEMNAS/assets/js/jquery.min.js>
- <http://tides.big.go.id/DEMNAS/assets/bootstrap/js/bootstrap.min.js>
- http://tides.big.go.id/DEMNAS/assets/img/SAMPLE_TIF.jpg

Compress components	F (0)	✓ AVG SCORE: 91%	SERVER	HIGH
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There are 12 plain text components that should be sent compressed

- <http://tides.big.go.id/DEMNAS/>
- <http://tides.big.go.id/DEMNAS/assets/bootstrap/css/bootstrap.min.css>
- <http://tides.big.go.id/DEMNAS/assets/fonts/ionicons.min.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Article-Clean.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Footer-Basic.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Header-Blue.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Header-Dark.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Highlight-Blue-1.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Highlight-Blue.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Navigation-Clean.css>
- <http://tides.big.go.id/DEMNAS/assets/js/jquery.min.js>
- <http://tides.big.go.id/DEMNAS/assets/bootstrap/js/bootstrap.min.js>

Use a Content Delivery Network (CDN)	F (0)	✓ AVG SCORE: 32%	SERVER	MEDIUM
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Using a CDN YSlow doesn't recognize? Specify your CDNs in your [User Settings](#).

There are 28 static components that are not on CDN.

- <http://tides.big.go.id/DEMNAS/assets/bootstrap/css/bootstrap.min.css>
- <http://tides.big.go.id/DEMNAS/assets/fonts/ionicons.min.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Article-Clean.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Footer-Basic.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Header-Blue.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Header-Dark.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Highlight-Blue-1.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Highlight-Blue.css>
- <http://tides.big.go.id/DEMNAS/assets/css/Navigation-Clean.css>
- <http://tides.big.go.id/DEMNAS/assets/css/styles.css>
- http://tides.big.go.id/DEMNAS/assets/img/logo-big_white.png
- http://tides.big.go.id/DEMNAS/assets/img/sample_DEMNAS04.png
- <http://tides.big.go.id/DEMNAS/assets/img/BATNAS.png>
- http://tides.big.go.id/DEMNAS/assets/img/DEM_flow.png
- http://tides.big.go.id/DEMNAS/assets/img/demnas_sum_val.EPS.png
- http://tides.big.go.id/DEMNAS/assets/img/error_char.EPS.png
- http://tides.big.go.id/DEMNAS/assets/img/sample_DSM.png
- http://tides.big.go.id/DEMNAS/assets/img/sample_prt.png
- http://tides.big.go.id/DEMNAS/assets/img/sample_DEMNAS.png
- http://tides.big.go.id/DEMNAS/assets/img/flow_batnas.png
- http://tides.big.go.id/DEMNAS/assets/img/sample_srtm15.png
- http://tides.big.go.id/DEMNAS/assets/img/sample_BIG15s.png
- http://tides.big.go.id/DEMNAS/assets/img/unifikasi_datum3.png
- http://tides.big.go.id/DEMNAS/assets/img/DEMNAS_0718-54_v1.0.png
- <http://ra.revolvermaps.com/h/m/a/0/ff0000/70/0/0c7vz5gtz9o.png>
- <http://tides.big.go.id/DEMNAS/assets/js/jquery.min.js>
- <http://tides.big.go.id/DEMNAS/assets/bootstrap/js/bootstrap.min.js>
- http://tides.big.go.id/DEMNAS/assets/img/SAMPLE_TIF.jpg

Make fewer HTTP requests

D (65)



AVG SCORE: 75%

CONTENT

HIGH

This page has 13 external stylesheets. Try combining them into fewer stylesheets.

Minify JavaScript and CSS

A (100)



AVG SCORE: 72%

CSS/JS

MEDIUM

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

Avoid URL redirects

A (100)



AVG SCORE: 87%

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 AlphasLoader 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: 90%

CONTENT

LOW

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

Use cookie-free domains

A (100)



AVG SCORE: 57%

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 DNS lookups

A (100)



AVG SCORE: 72%

CONTENT

LOW

- tides.big.go.id: 29 components, 30900.2K
- fonts.googleapis.com: 3 components, 12.7K (2.4K GZip)
- ra.revolvermaps.com: 1 component, 14.2K

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: 97%

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.



Performance Report for: <http://ina-sealevelmonitoring.big.go.id/>

Report generated: Sun, Oct 11, 2020 9:16 PM -0700

Test Server Region: Vancouver, Canada

Using: Chrome (Desktop) 75.0.3770.100, PageSpeed 1.15-gt1.3, YSlow 3.1.8

PageSpeed Score

F(34%) ▾

YSlow Score

E(59%) ▾

Fully Loaded Time

4.2s ▲

Total Page Size

2.45MB ▲

Requests

28 ▲

Top 5 Priority Issues

Enable compression	F (0)	▼	AVG SCORE: 90%	SERVER	HIGH
Minify JavaScript	F (0)	▼	AVG SCORE: 90%	JS	HIGH
Defer parsing of JavaScript	F (5)	▼	AVG SCORE: 72%	JS	HIGH
Leverage browser caching	F (25)	▼	AVG SCORE: 64%	SERVER	HIGH
Optimize images	D (65)	▼	AVG SCORE: 74%	IMAGES	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

CARBON60
THE MANAGED CLOUD COMPANY

GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 24 years experience in web technology.

<https://carbon60.com/>

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?

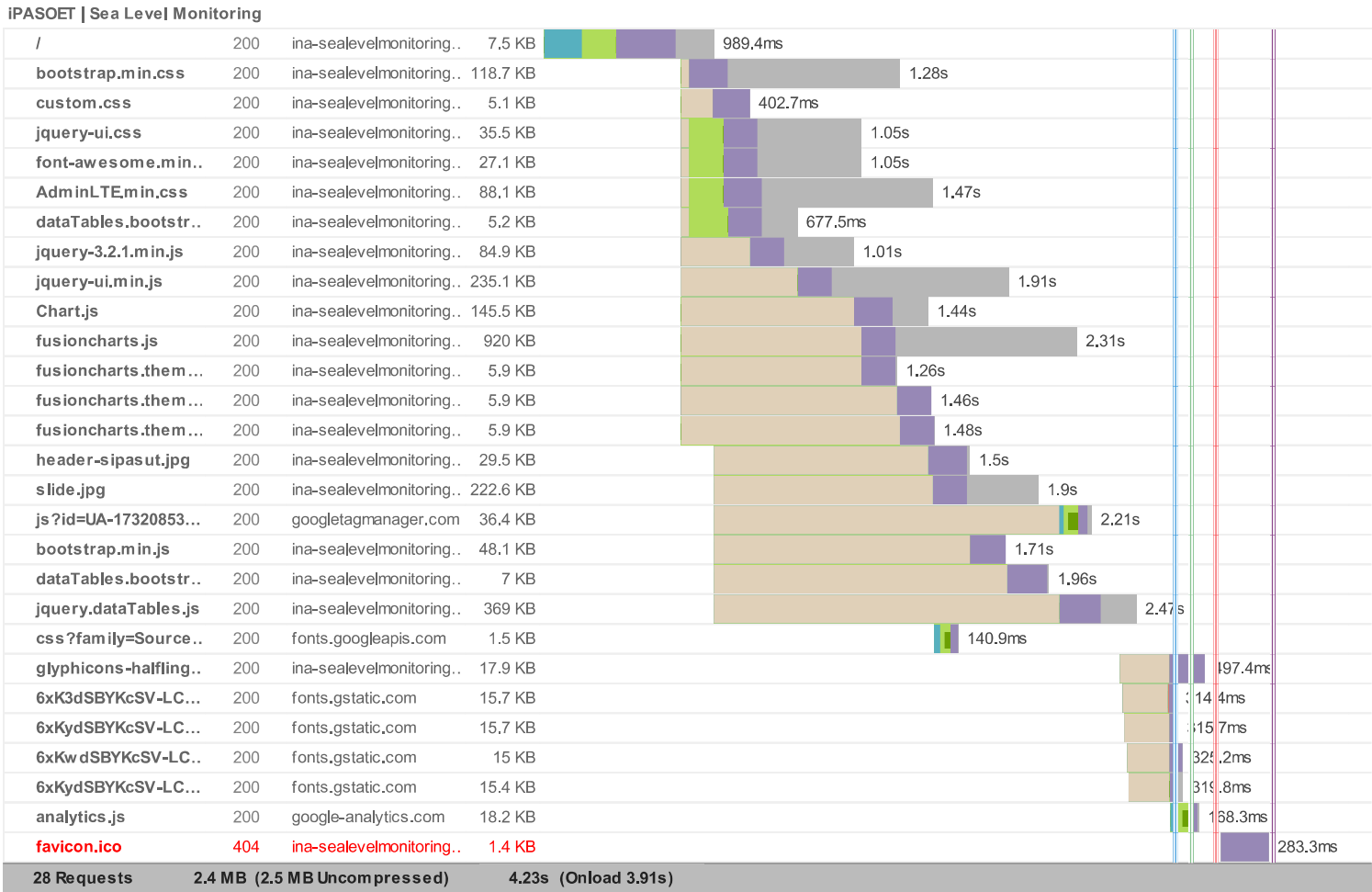
This report covers basic to technical analyses on your page. It is categorized under many headings:

- **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.

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.

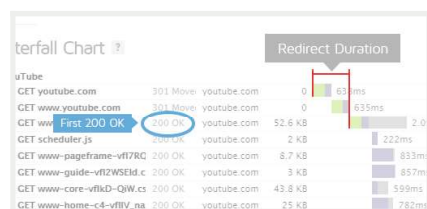


Page Load Timings

RUM Speed Index: 3,761

Redirect 0ms	Connect 421ms	Backend 345ms	TTFB 0.8s
DOM int. 3.7s	DOM loaded 3.7s (0ms)	First paint 3.8s	Contentful paint 3.8s
Onload 3.9s (5ms)			

Redirect duration



This is the time spent redirecting URLs before the final HTML page is loaded. Common redirects include:

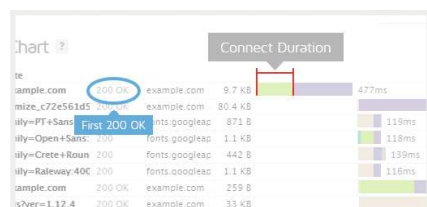
- Redirect from a non-www to www (eg. example.com to www.example.com)
- Redirect to a secure URL (eg. http:// to https://)
- Redirect to set cookies
- Redirect to a mobile version of the site

Some sites may even perform a chain of multiple redirects (eg. non-www to www, then to a secure URL). This timing is the total of all this time that's spent redirecting, or 0 if no redirects occurred.

In the Waterfall Chart, Redirect duration consists of the time from the beginning of the test until just before we start the request of the final HTML page (when we receive the first 200 OK response).

During this time, the browser screen is blank! Ensure that this duration is kept to short by [minimizing your redirects](#).

Connection duration



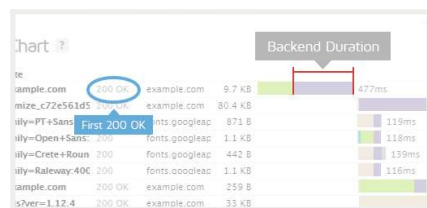
Once any redirects have completed, Connection duration is measured. This is the time spent connecting to the server to make the request to the page.

Technically speaking, this duration is a combination of the blocked time, DNS time, connect time and sending time of the request (rather than *just* connect time). We've combined those components into a single Connection duration to simplify things (as most of these times are usually small).

In the Waterfall Chart, Connection duration consists of everything up to and including the "Sending" time in the final HTML page request (the first 200 OK response).

During this time, the browser screen is still blank! Various causes could contribute to this, including a slow/problematic connection between the test server and site or slow response times from the site.

Backend duration

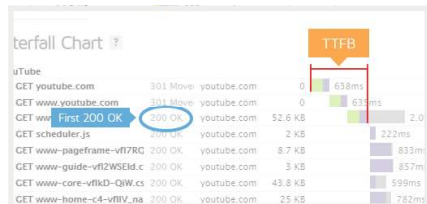


Once the connection is complete and the request is made, the server needs to generate a response for the page. The time it takes to generate the response is known as the Backend duration.

In the Waterfall Chart, Backend duration consists of purple waiting time in the page request.

There are a number of reasons why Backend duration could be slow. We cover this in our ["Why is my page slow"](#) article.

Time to First Byte (TTFB)

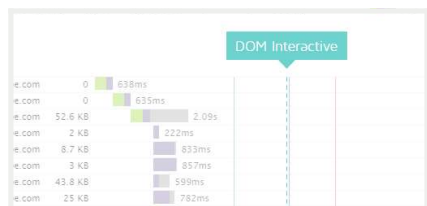


Time to First Byte (TTFB) is the total amount of time spent to receive the first byte of the response once it has been requested. It is the sum of "Redirect duration" + "Connection duration" + "Backend duration". This metric is one of the key indicators of web performance.

In the Waterfall Chart, it is calculated at the start of the test until just before receiving on the page request and represented by the orange line.

Some ways to improve the TTFB include: optimizing application code, implementing caching, fine-tuning your web server configuration, or upgrading server hardware.

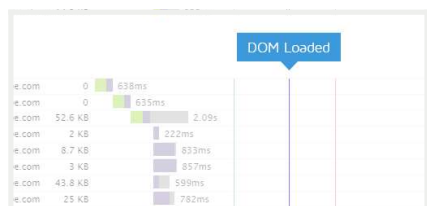
DOM interactive time



DOM interactive time is the point at which the browser has finished loading and parsing HTML, and the DOM (Document Object Model) has been built. The DOM is how the browser internally structures the HTML so that it can render it.

DOM interactive time isn't marked in the Waterfall Chart as it's usually very close in timing to DOM content loaded.

DOM content loaded time



DOM content loaded time (DOM loaded or DOM ready for short) is the point at which the DOM is ready (ie. DOM interactive) and there are no stylesheets blocking JavaScript execution.

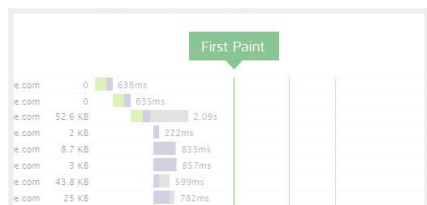
If there are no stylesheets blocking JavaScript execution and there is no parser blocking JavaScript, then this will be the same as DOM interactive time.

In the Waterfall Chart, it is represented by the blue line.

The time in brackets is the time spent executing JavaScript triggered by the DOM content loaded event. Many JavaScript frameworks use this event as a starting point to begin execution of their code.

Since this event is often used by JavaScript as the starting point and delays in this event mean delays in rendering, it's important to make sure that [style and script order is optimized](#) and that [parsing of JavaScript is deferred](#).

First paint time



First paint time is the first point at which the browser does any sort of rendering on the page. Depending on the structure of the page, this first paint could just be displaying the background colour (including white), or it could be a majority of the page being rendered.

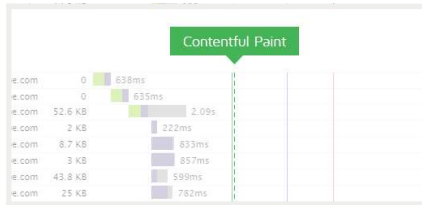
In the Waterfall Chart, it is represented by the green line.

This timing is of significance because until this point, the browser will have only shown a blank page and this change gives the user an indication that the page is loading. However, we don't know how much of the page was rendered with this paint, so having an early first paint doesn't necessarily

indicate a fast loading page.

If the browser does not perform a paint (ie. the html results in an blank page), then the paint timings may be missing.

First contentful paint time



First Contentful Paint is triggered when any *content* is painted - i.e. something defined in the DOM (Document Object Model). This could be text, an image or canvas render.

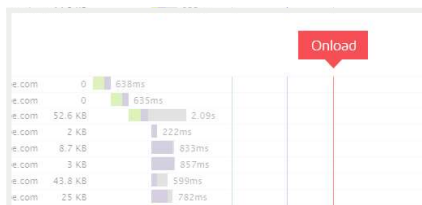
This timing aims to be more representative of your user's experience, as it flags when actual content has been loaded in the page, and not just any change - but it may often be the same time as First Paint.

Because the focus is on content, the idea is that this metric gives you an idea of when your user receives consumable information (text, visuals, etc) - much more useful for performance assessment

than when a background has changed or a style has been applied.

If the browser does not perform a paint (ie. the html results in an blank page), then the paint timings may be missing.

Onload time



Onload time occurs when the processing of the page is complete and all the resources on the page (images, CSS, etc.) have finished downloading. This is also the same time that DOM complete occurs and the JavaScript window.onload event fires.

Note that there may be JavaScript that initiates subsequent requests for more resources, hence the reason why Fully loaded timing is preferred.

In the Waterfall Chart, it is represented by the red line.

The time in brackets is the time spent executing JavaScript triggered by the Onload event.

Note that Onload time was the previous default for when to stop the test prior to February 8th, 2017.

PageSpeed Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Enable compression	F (0)	✓ AVG SCORE: 90%	SERVER	HIGH

Enable compression for the following resources to reduce their transfer size by 1.5MiB (73% reduction).

- Compressing <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/fusioncharts.js> could save 642.8KiB (69% reduction).
- Compressing <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/jquery.dataTables.js> could save 284.2KiB (77% reduction).
- Compressing <http://ina-sealevelmonitoring.big.go.id/assets/js/jquery-ui.min.js> could save 171.7KiB (73% reduction).
- Compressing <http://ina-sealevelmonitoring.big.go.id/assets/js/Chart.js> could save 105.6KiB (72% reduction).
- Compressing <http://ina-sealevelmonitoring.big.go.id/assets/css/bootstrap.min.css> could save 99.1KiB (83% reduction).
- Compressing <http://ina-sealevelmonitoring.big.go.id/assets/css/AdminLTE.min.css> could save 73.4KiB (83% reduction).
- Compressing <http://ina-sealevelmonitoring.big.go.id/assets/js/jquery-3.2.1.min.js> could save 55.2KiB (65% reduction).
- Compressing <http://ina-sealevelmonitoring.big.go.id/assets/js/bootstrap.min.js> could save 35.0KiB (73% reduction).
- Compressing <http://ina-sealevelmonitoring.big.go.id/assets/css/jquery-ui.css> could save 27.0KiB (76% reduction).
- Compressing <http://ina-sealevelmonitoring.big.go.id/assets/css/font-awesome.min.css> could save 20.7KiB (77% reduction).
- Compressing <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/dataTables.bootstrap.js> could save 4.5KiB (66% reduction).
- Compressing <http://ina-sealevelmonitoring.big.go.id/> could save 4.4KiB (62% reduction).
- Compressing <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.carbon.js> could save 4.1KiB (73% reduction).
- Compressing <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.zune.js> could save 4.1KiB (73% reduction).
- Compressing <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.ocean.js> could save 4.1KiB (72% reduction).
- Compressing <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/dataTables.bootstrap.css> could save 3.7KiB (76% reduction).
- Compressing <http://ina-sealevelmonitoring.big.go.id/assets/css/custom.css> could save 3.4KiB (70% reduction).

Minify JavaScript	F (0)	✓ AVG SCORE: 90%	JS	HIGH
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Minify JavaScript for the following resources to reduce their size by 265.2KiB (15% reduction).

- Minifying <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/jquery.dataTables.js> could save 258.1KiB (70% reduction). See [optimized version](#).
- Minifying <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/fusioncharts.js> could save 2.5KiB (1% reduction). See [optimized version](#).
- Minifying <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/dataTables.bootstrap.js> could save 2.2KiB (33% reduction). See [optimized version](#).
- Minifying <http://ina-sealevelmonitoring.big.go.id/assets/js/jquery-ui.min.js> could save 690B (1% reduction). See [optimized version](#).
- Minifying <https://www.googletagmanager.com/gtag/js?id=UA-173208537-1> could save 548B (2% reduction) after compression. See [optimized version](#).
- Minifying <http://ina-sealevelmonitoring.big.go.id/assets/js/bootstrap.min.js> could save 280B (1% reduction). See [optimized version](#).
- Minifying <http://ina-sealevelmonitoring.big.go.id/assets/js/Chart.js> could save 207B (1% reduction). See [optimized version](#).
- Minifying <https://www.google-analytics.com/analytics.js> could save 184B (1% reduction) after compression. See [optimized version](#).
- Minifying <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.carbon.js> could save 175B (4% reduction). See [optimized version](#).
- Minifying <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.ocean.js> could save 174B (4% reduction). See [optimized version](#).
- Minifying <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.zune.js> could save 173B (4% reduction). See [optimized version](#).
- Minifying <http://ina-sealevelmonitoring.big.go.id/assets/js/jquery-3.2.1.min.js> could save 88B (1% reduction). See [optimized version](#).

Defer parsing of JavaScript	F (5)	✓ AVG SCORE: 72%	JS	HIGH
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1.3MiB of JavaScript is parsed during initial page load. Defer parsing JavaScript to reduce blocking of page rendering.

- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/fusioncharts.js> (852.3KiB)
- <http://ina-sealevelmonitoring.big.go.id/assets/js/jquery-ui.min.js> (205.6KiB)
- <http://ina-sealevelmonitoring.big.go.id/assets/js/Chart.js> (141.1KiB)
- <http://ina-sealevelmonitoring.big.go.id/assets/js/jquery-3.2.1.min.js> (78.4KiB)
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.carbon.js> (4.7KiB)
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.ocean.js> (4.7KiB)
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.zune.js> (4.7KiB)
- <http://ina-sealevelmonitoring.big.go.id/> (426B of inline JavaScript)

Leverage browser caching

F (25)

AVG SCORE: 64%

SERVER

HIGH

Leverage browser caching for the following cacheable resources:

- <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/dataTables.bootstrap.css> (expiration not specified)
- <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/dataTables.bootstrap.js> (expiration not specified)
- <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/jquery.dataTables.js> (expiration not specified)
- <http://ina-sealevelmonitoring.big.go.id/assets/css/AdminLTE.min.css> (expiration not specified)
- <http://ina-sealevelmonitoring.big.go.id/assets/css/bootstrap.min.css> (expiration not specified)
- <http://ina-sealevelmonitoring.big.go.id/assets/css/custom.css> (expiration not specified)
- <http://ina-sealevelmonitoring.big.go.id/assets/css/font-awesome.min.css> (expiration not specified)
- <http://ina-sealevelmonitoring.big.go.id/assets/css/jquery-ui.css> (expiration not specified)
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/fusioncharts.js> (expiration not specified)
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.carbon.js> (expiration not specified)
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.ocean.js> (expiration not specified)
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.zune.js> (expiration not specified)
- <http://ina-sealevelmonitoring.big.go.id/assets/img/header-sipasut.jpg> (expiration not specified)
- <http://ina-sealevelmonitoring.big.go.id/assets/img/slide.jpg> (expiration not specified)
- <http://ina-sealevelmonitoring.big.go.id/assets/js/Chart.js> (expiration not specified)
- <http://ina-sealevelmonitoring.big.go.id/assets/js/bootstrap.min.js> (expiration not specified)
- <http://ina-sealevelmonitoring.big.go.id/assets/js/jquery-3.2.1.min.js> (expiration not specified)
- <http://ina-sealevelmonitoring.big.go.id/assets/js/jquery-ui.min.js> (expiration not specified)
- <https://www.googletagmanager.com/gtag/js?id=UA-173208537-1> (15 minutes)
- <https://www.google-analytics.com/analytics.js> (2 hours)

Optimize images

D (65)

AVG SCORE: 74%

IMAGES

HIGH

Optimize the following images to reduce their size by 42.2KiB (17% reduction).

- Losslessly compressing <http://ina-sealevelmonitoring.big.go.id/assets/img/slide.jpg> could save 23.6KiB (11% reduction). See [optimized version](#).
- Losslessly compressing <http://ina-sealevelmonitoring.big.go.id/assets/img/header-sipasut.jpg> could save 18.6KiB (63% reduction). See [optimized version](#).

Avoid bad requests

A (92)

AVG SCORE: 98%

CONTENT

HIGH

The following requests are returning 404/410 responses. Either fix the broken links, or remove the references to the non-existent resources.

- <http://ina-sealevelmonitoring.big.go.id/favicon.ico>

Avoid CSS @import

A (92)

AVG SCORE: 98%

CSS

MEDIUM

The following external stylesheets were included in <http://ina-sealevelmonitoring.big.go.id/assets/css/AdminLTE.min.css> using @import.

- <https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,600,700,300italic,400italic,600italic>

Minify CSS

A (93)

AVG SCORE: 96%

CSS

HIGH

Minify CSS for the following resources to reduce their size by 8.2KiB (3% reduction).

- Minifying <http://ina-sealevelmonitoring.big.go.id/assets/css/jquery-ui.css> could save 5.8KiB (17% reduction). See [optimized version](#).
- Minifying <http://ina-sealevelmonitoring.big.go.id/assets/css/custom.css> could save 832B (17% reduction). See [optimized version](#).
- Minifying <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/dataTables.bootstrap.css> could save 764B (16% reduction). See [optimized version](#).
- Minifying <http://ina-sealevelmonitoring.big.go.id/assets/css/bootstrap.min.css> could save 374B (1% reduction). See [optimized version](#).

- Minifying <http://ina-sealevelmonitoring.big.go.id/assets/css/AdminLTE.min.css> could save 228B (1% reduction). See [optimized version](#).
- Minifying <http://ina-sealevelmonitoring.big.go.id/assets/css/font-awesome.min.css> could save 165B (1% reduction). See [optimized version](#).
- Minifying <https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,600,700,300italic,400italic,600italic> could save 75B (8% reduction) after compression. See [optimized version](#).

Specify image dimensions

A (99)



AVG SCORE: 98%

IMAGES

MEDIUM

The following image(s) are missing width and/or height attributes.

- <http://ina-sealevelmonitoring.big.go.id/assets/img/header-sipasut.jpg> (Dimensions: 165 x 180)
- <http://ina-sealevelmonitoring.big.go.id/assets/img/slide.jpg> (Dimensions: 1040 x 366)

Specify a character set early

A (99)



AVG SCORE: 100%

CONTENT

MEDIUM

The following resources have no character set specified in their HTTP headers. Specifying a character set in HTTP headers can speed up browser rendering.

- <http://ina-sealevelmonitoring.big.go.id/assets/fonts/glyphicons-halflings-regular.woff2>

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: 99%

SERVER

HIGH

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

Inline small CSS

A (100)



AVG SCORE: 99%

CSS

HIGH

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

Inline small JavaScript

A (100)



AVG SCORE: 99%

JS

HIGH

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

Minimize redirects

A (100)



AVG SCORE: 88%

CONTENT

HIGH

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

Minimize request size

A (100)



AVG SCORE: 99%

CONTENT

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: 91%	CONTENT	HIGH
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You scored 100% on this recommendation - nothing to do here!

Serve scaled images	A (100)	▲ AVG SCORE: 69%	IMAGES	HIGH
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You scored 100% on this recommendation - nothing to do here!

Specify a cache validator	A (100)	◆ AVG SCORE: 95%	SERVER	HIGH
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You scored 100% on this recommendation - nothing to do here!

Combine images using CSS sprites	A (100)	◆ AVG SCORE: 98%	IMAGES	HIGH
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You scored 100% on this recommendation - nothing to do here!

Prefer asynchronous resources	A (100)	◆ AVG SCORE: 100%	JS	MEDIUM
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You scored 100% on this recommendation - nothing to do here!

Avoid a character set in the meta tag	A (100)	◆ AVG SCORE: 100%	CONTENT	LOW
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You scored 100% on this recommendation - nothing to do here!

YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Add Expires headers	F (0)	✓ AVG SCORE: 31%	SERVER	HIGH

There are 21 static components without a far-future expiration date.

- <http://ina-sealevelmonitoring.big.go.id/assets/css/bootstrap.min.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/css/custom.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/css/jquery-ui.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/css/font-awesome.min.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/css/AdminLTE.min.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/dataTables.bootstrap.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/js/jquery-3.2.1.min.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/js/jquery-ui.min.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/js/Chart.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/fusioncharts.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.zune.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.ocean.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.carbon.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/img/header-sipasut.jpg>
- <http://ina-sealevelmonitoring.big.go.id/assets/img/slide.jpg>
- <https://www.googletagmanager.com/gtag/js?id=UA-173208537-1>
- <http://ina-sealevelmonitoring.big.go.id/assets/js/bootstrap.min.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/dataTables.bootstrap.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/jquery.dataTables.js>
- <https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,600,700,300italic,400italic,600italic>
- <https://www.google-analytics.com/analytics.js>

Compress components	F (0)	✓ AVG SCORE: 91%	SERVER	HIGH
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There are 17 plain text components that should be sent compressed

- <http://ina-sealevelmonitoring.big.go.id/>
- <http://ina-sealevelmonitoring.big.go.id/assets/css/bootstrap.min.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/css/custom.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/css/jquery-ui.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/css/font-awesome.min.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/css/AdminLTE.min.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/dataTables.bootstrap.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/js/jquery-3.2.1.min.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/js/jquery-ui.min.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/js/Chart.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/fusioncharts.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.zune.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.ocean.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.carbon.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/js/bootstrap.min.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/dataTables.bootstrap.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/jquery.dataTables.js>

Use a Content Delivery Network (CDN)	F (0)	✓ AVG SCORE: 32%	SERVER	MEDIUM
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Using a CDN YSlow doesn't recognize? Specify your CDNs in your [User Settings](#).

There are 18 static components that are not on CDN.

- <http://ina-sealevelmonitoring.big.go.id/assets/css/bootstrap.min.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/css/custom.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/css/jquery-ui.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/css/font-awesome.min.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/css/AdminLTE.min.css>

- <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/dataTables.bootstrap.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/js/jquery-3.2.1.min.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/js/jquery-ui.min.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/js/Chart.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/fusioncharts.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.zune.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.ocean.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.carbon.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/img/header-sipasut.jpg>
- <http://ina-sealevelmonitoring.big.go.id/assets/img/slide.jpg>
- <http://ina-sealevelmonitoring.big.go.id/assets/js/bootstrap.min.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/dataTables.bootstrap.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/jquery.dataTables.js>

Make fewer HTTP requests

E (53)



AVG SCORE: 75%

CONTENT

HIGH

This page has 12 external Javascript scripts. Try combining them into fewer scripts.

This page has 7 external stylesheets. Try combining them into fewer stylesheets.

Use cookie-free domains

F (10)



AVG SCORE: 57%

COOKIE

LOW

There are 18 components that are not cookie-free

- <http://ina-sealevelmonitoring.big.go.id/assets/css/bootstrap.min.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/css/custom.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/css/jquery-ui.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/css/font-awesome.min.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/css/AdminLTE.min.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/dataTables.bootstrap.css>
- <http://ina-sealevelmonitoring.big.go.id/assets/js/jquery-3.2.1.min.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/js/jquery-ui.min.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/js/Chart.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/fusioncharts.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.zune.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.ocean.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/fusioncharts/js/themes/fusioncharts.theme.carbon.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/img/header-sipasut.jpg>
- <http://ina-sealevelmonitoring.big.go.id/assets/img/slide.jpg>
- <http://ina-sealevelmonitoring.big.go.id/assets/js/bootstrap.min.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/dataTables.bootstrap.js>
- <http://ina-sealevelmonitoring.big.go.id/assets/AdminLTE-2.0.5/plugins/datatables/jquery.dataTables.js>

Minify JavaScript and CSS

B (80)



AVG SCORE: 72%

CSS/JS

MEDIUM

There are 2 components that can be minified

- inline <script> tag #2
- inline <script> tag #3

Avoid HTTP 404 (Not Found) error

A (95)



AVG SCORE: 98%

CONTENT

MEDIUM

There is 1 request that is 404 Not Found

- <http://ina-sealevelmonitoring.big.go.id/favicon.ico>

Avoid URL redirects

A (100)



AVG SCORE: 87%

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!

Reduce the number of DOM elements

A (100)



AVG SCORE: 90%

CONTENT

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 DNS lookups

A (100)



AVG SCORE: 72%

CONTENT

LOW

- ina-sealevelmonitoring.big.go.id: 20 components, 2418.3K
- www.googletagmanager.com: 1 component, 94.4K (37.2K GZip)
- fonts.googleapis.com: 1 component, 18.8K (1.5K GZip)
- www.google-analytics.com: 1 component, 46.4K (18.6K GZip)

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: 97%

SERVER

LOW

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

Make JavaScript and CSS external

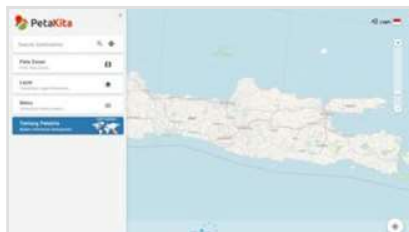
(n/a)

CSS/JS

MEDIUM

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

- There is a total of 3 inline scripts



Performance Report for: <https://petakita.big.go.id/>

Report generated: Mon, Sep 7, 2020 6:05 PM -0700
Test Server Region: 🇨🇦 Vancouver, Canada
Using: 🦊 Firefox (Desktop) 54.0.1, PageSpeed 1.15-gt1.3, YSlow 3.1.8

PageSpeed Score

F(36%) ▼

YSlow Score

E(53%) ▼

Fully Loaded Time

11.8s ▼

Total Page Size

3.97MB ▼

Requests

124 ▼

Top 5 Priority Issues

Enable compression	F (0)	▼	AVG SCORE: 90%	SERVER	HIGH
Leverage browser caching	F (0)	▼	AVG SCORE: 65%	SERVER	HIGH
Serve resources from a consistent URL	F (0)	▼	AVG SCORE: 91%	CONTENT	HIGH
Defer parsing of JavaScript	D (65)	▼	AVG SCORE: 72%	JS	HIGH
Inline small JavaScript	B (83)	▼	AVG SCORE: 99%	JS	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

CARBON60
THE MANAGED CLOUD COMPANY

GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 24 years experience in web technology.

<https://carbon60.com/>

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?

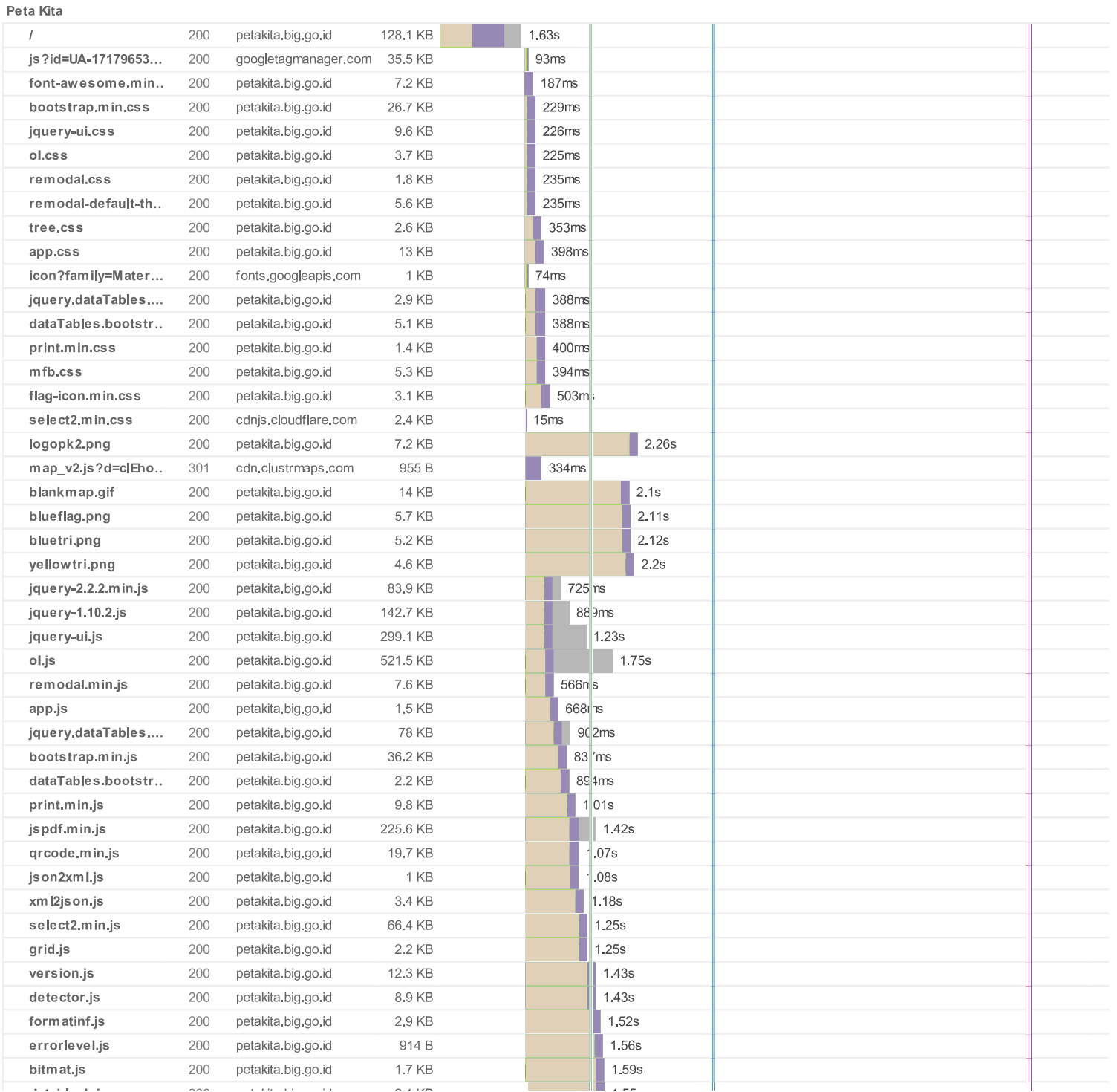
This report covers basic to technical analyses on your page. It is categorized under many headings:

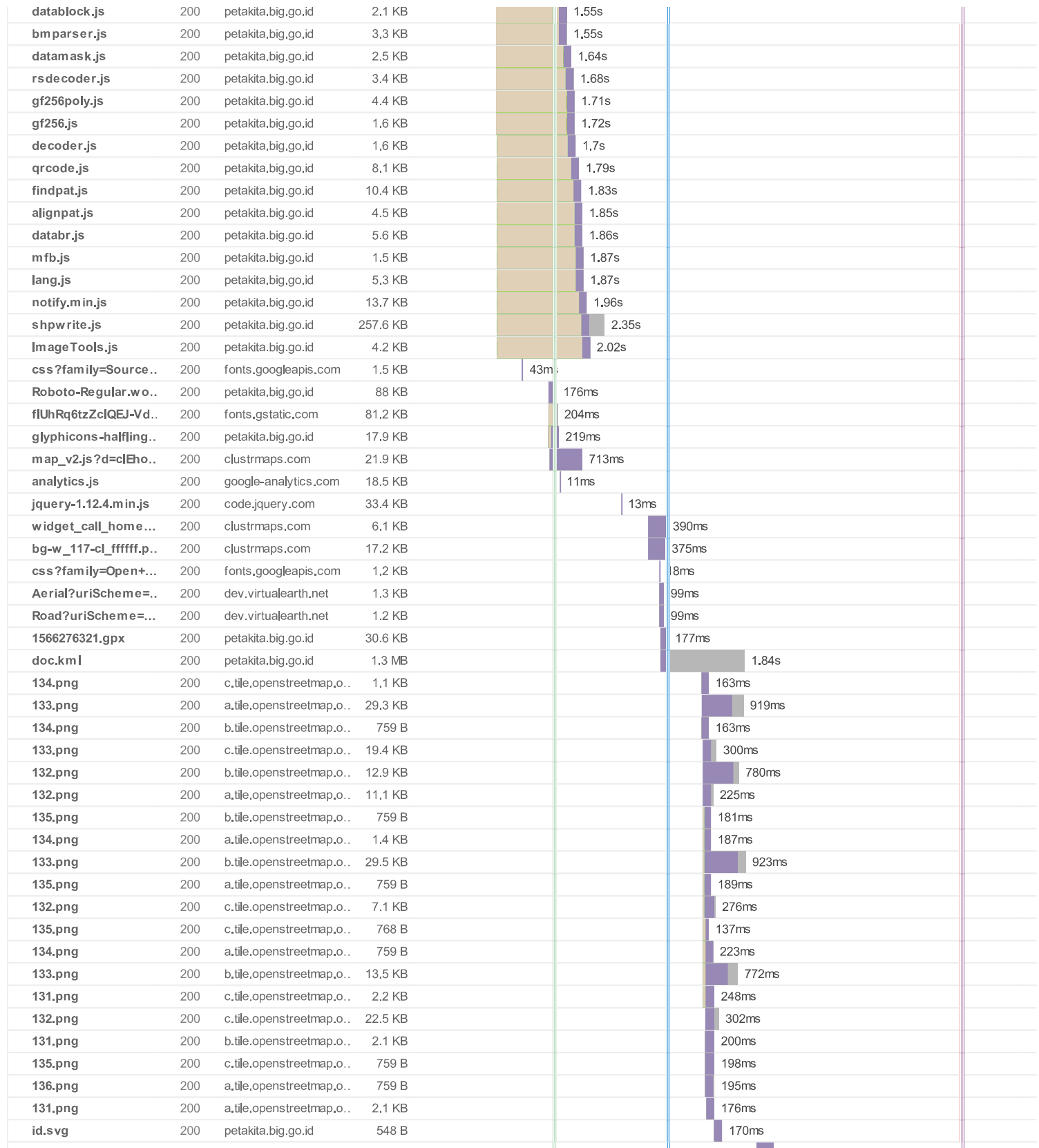
- **Executive:** Overall score information and Priority Issues
- **History:** Graphed history of past performance
- **Waterfall:** Graph of your site's loading timeline
- **Technical:** In-depth PageSpeed & YSlow information

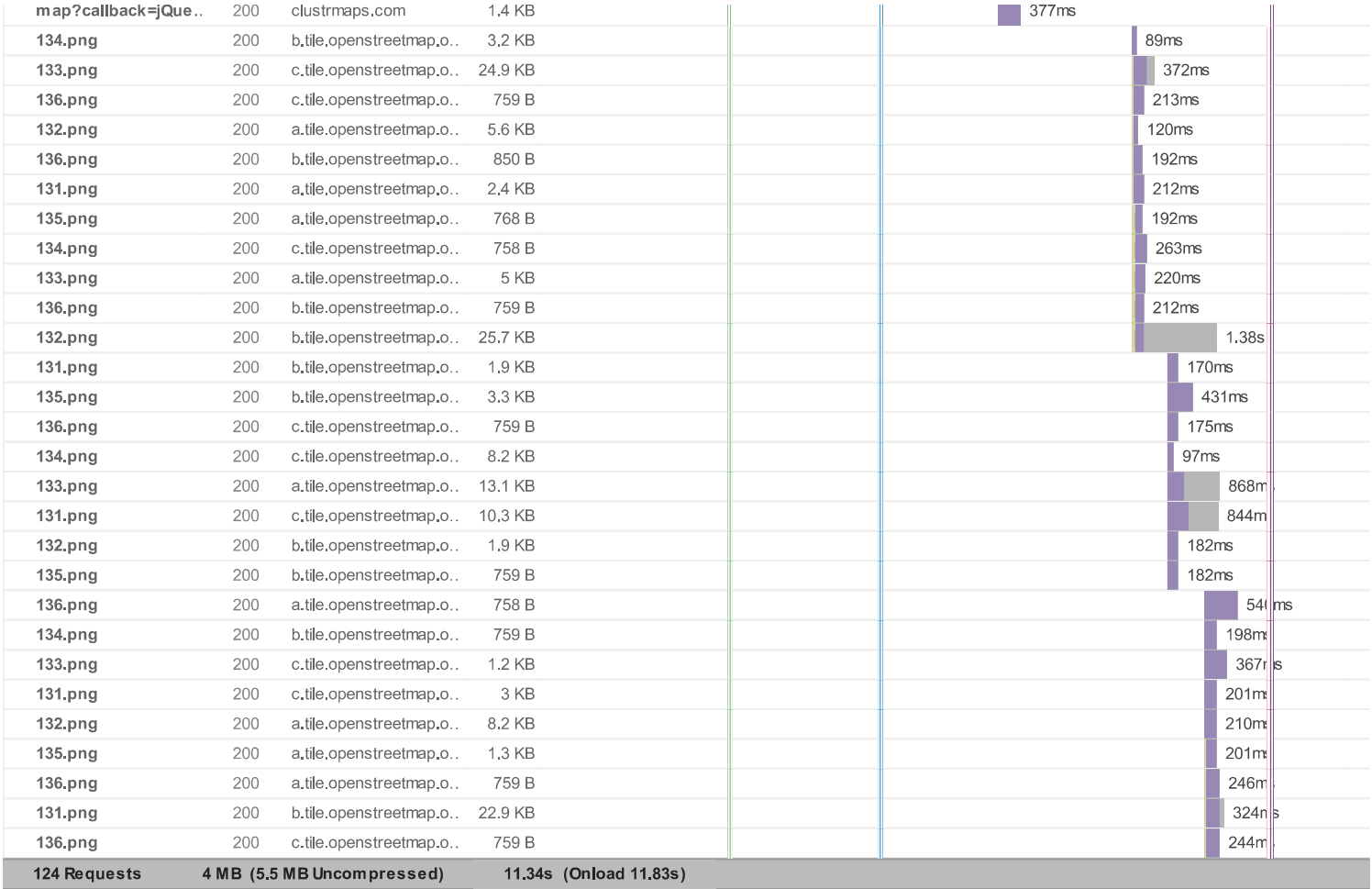
These will provide you with a snapshot of your performance.

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.





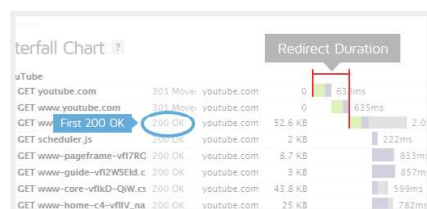


Page Load Timings

RUM Speed Index: 3,233

Redirect 0ms	Connect 0.6s	Backend 0.7s	TTFB 1.3s
First paint 3.0s	Contentful paint n/a	DOM int. 5.0s	DOM loaded 5.5s (0.6s)
Onload 11.8s (6ms)			

Redirect duration



This is the time spent redirecting URLs before the final HTML page is loaded. Common redirects include:

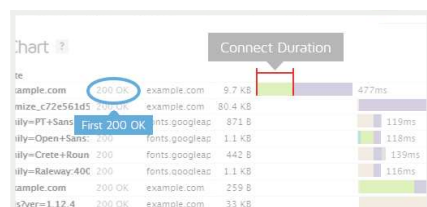
- Redirect from a non-www to www (eg. example.com to www.example.com)
- Redirect to a secure URL (eg. http:// to https://)
- Redirect to set cookies
- Redirect to a mobile version of the site

Some sites may even perform a chain of multiple redirects (eg. non-www to www, then to a secure URL). This timing is the total of all this time that's spent redirecting, or 0 if no redirects occurred.

In the Waterfall Chart, Redirect duration consists of the time from the beginning of the test until just before we start the request of the final HTML page (when we receive the first 200 OK response).

During this time, the browser screen is blank! Ensure that this duration is kept to short by [minimizing your redirects](#).

Connection duration



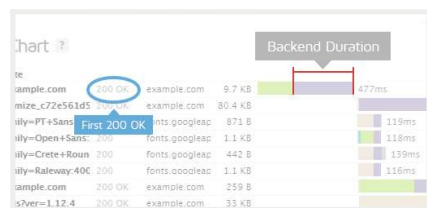
Once any redirects have completed, Connection duration is measured. This is the time spent connecting to the server to make the request to the page.

Technically speaking, this duration is a combination of the blocked time, DNS time, connect time and sending time of the request (rather than *just* connect time). We've combined those components into a single Connection duration to simplify things (as most of these times are usually small).

In the Waterfall Chart, Connection duration consists of everything up to and including the "Sending" time in the final HTML page request (the first 200 OK response).

During this time, the browser screen is still blank! Various causes could contribute to this, including a slow/problematic connection between the test server and site or slow response times from the site.

Backend duration

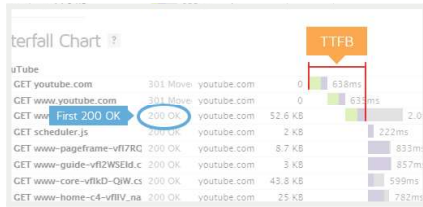


Once the connection is complete and the request is made, the server needs to generate a response for the page. The time it takes to generate the response is known as the Backend duration.

In the Waterfall Chart, Backend duration consists of purple waiting time in the page request.

There are a number of reasons why Backend duration could be slow. We cover this in our ["Why is my page slow"](#) article.

Time to First Byte (TTFB)

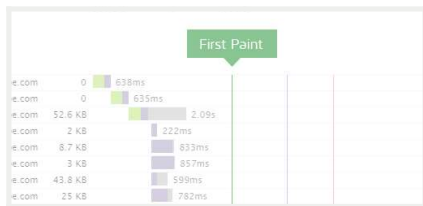


Time to First Byte (TTFB) is the total amount of time spent to receive the first byte of the response once it has been requested. It is the sum of "Redirect duration" + "Connection duration" + "Backend duration". This metric is one of the key indicators of web performance.

In the Waterfall Chart, it is calculated at the start of the test until just before receiving on the page request and represented by the orange line.

Some ways to improve the TTFB include: optimizing application code, implementing caching, fine-tuning your web server configuration, or upgrading server hardware.

First paint time



First paint time is the first point at which the browser does any sort of rendering on the page. Depending on the structure of the page, this first paint could just be displaying the background colour (including white), or it could be a majority of the page being rendered.

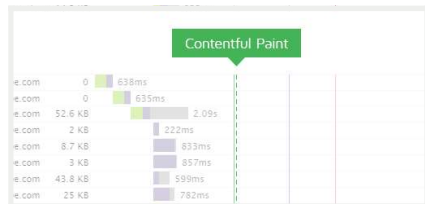
In the Waterfall Chart, it is represented by the green line.

This timing is of significance because until this point, the browser will have only shown a blank page and this change gives the user an indication that the page is loading. However, we don't know how much of the page was rendered with this paint, so having a early first paint doesn't necessarily

indicate a fast loading page.

If the browser does not perform a paint (ie. the html results in an blank page), then the paint timings may be missing.

First contentful paint time



First Contentful Paint is triggered when any *content* is painted - i.e. something defined in the DOM (Document Object Model). This could be text, an image or canvas render.

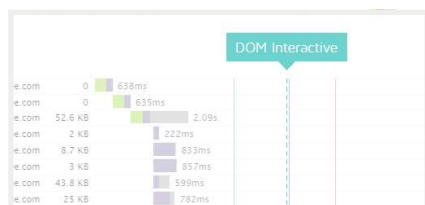
This timing aims to be more representative of your user's experience, as it flags when actual content has been loaded in the page, and not just any change - but it may often be the same time as First Paint.

Because the focus is on content, the idea is that this metric gives you an idea of when your user receives consumable information (text, visuals, etc) - much more useful for performance assessment

than when a background has changed or a style has been applied.

If the browser does not perform a paint (ie. the html results in an blank page), then the paint timings may be missing.

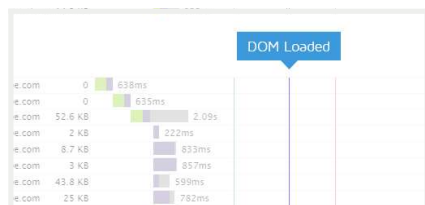
DOM interactive time



DOM interactive time is the point at which the browser has finished loading and parsing HTML, and the DOM (Document Object Model) has been built. The DOM is how the browser internally structures the HTML so that it can render it.

DOM interactive time isn't marked in the Waterfall Chart as it's usually very close in timing to DOM content loaded.

DOM content loaded time



DOM content loaded time (DOM loaded or DOM ready for short) is the point at which the DOM is ready (ie. DOM interactive) and there are no stylesheets blocking JavaScript execution.

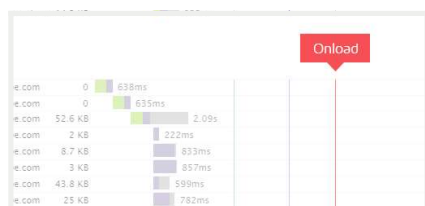
If there are no stylesheets blocking JavaScript execution and there is no parser blocking JavaScript, then this will be the same as DOM interactive time.

In the Waterfall Chart, it is represented by the blue line.

The time in brackets is the time spent executing JavaScript triggered by the DOM content loaded event. Many JavaScript frameworks use this event as a starting point to begin execution of their code.

Since this event is often used by JavaScript as the starting point and delays in this event mean delays in rendering, it's important to make sure that [style and script order is optimized](#) and that [parsing of JavaScript is deferred](#).

Onload time



Onload time occurs when the processing of the page is complete and all the resources on the page (images, CSS, etc.) have finished downloading. This is also the same time that DOM complete occurs and the JavaScript window.onload event fires.

Note that there may be JavaScript that initiates subsequent requests for more resources, hence the reason why Fully loaded timing is preferred.

In the Waterfall Chart, it is represented by the red line.

The time in brackets is the time spent executing JavaScript triggered by the Onload event.

Note that Onload time was the previous default for when to stop the test prior to February 8th, 2017.

PageSpeed Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Enable compression	F (0)	✓ AVG SCORE: 90%	SERVER	HIGH

Enable compression for the following resources to reduce their transfer size by 1.3MiB (71% reduction).

- Compressing <https://petakita.big.go.id/js/v4.4.2-dist/ol.js> could save 371.0KiB (71% reduction).
- Compressing <https://petakita.big.go.id/js/query-ui.js> could save 226.9KiB (75% reduction).
- Compressing <https://petakita.big.go.id/shp-write/shpwrite.js> could save 195.4KiB (75% reduction).
- Compressing <https://petakita.big.go.id/js/spdf.min.js> could save 155.1KiB (68% reduction).
- Compressing <https://petakita.big.go.id/js/query-1.10.2.js> could save 102.1KiB (71% reduction).
- Compressing <https://petakita.big.go.id/js/query-2.2.2.min.js> could save 54.4KiB (65% reduction).
- Compressing <https://petakita.big.go.id/js/query.dataTables.min.js> could save 51.7KiB (66% reduction).
- Compressing <https://petakita.big.go.id/js/select2.min.js> could save 47.2KiB (71% reduction).
- Compressing <https://petakita.big.go.id/js/bootstrap.min.js> could save 26.4KiB (73% reduction).
- Compressing <https://petakita.big.go.id/js/qrcode.min.js> could save 12.6KiB (64% reduction).
- Compressing <https://petakita.big.go.id/js/qrcode-master/src/version.js> could save 9.5KiB (79% reduction).
- Compressing <https://petakita.big.go.id/js/qrcode-master/src/findpat.js> could save 7.7KiB (76% reduction).
- Compressing <https://petakita.big.go.id/js/qrcode-master/src/detector.js> could save 6.2KiB (72% reduction).
- Compressing <https://petakita.big.go.id/js/print.min.js> could save 6.2KiB (65% reduction).
- Compressing <https://petakita.big.go.id/js/notify.min.js> could save 6.2KiB (46% reduction).
- Compressing <https://petakita.big.go.id/js/qrcode-master/src/qrcode.js> could save 5.6KiB (70% reduction).
- Compressing <https://petakita.big.go.id/vendor/remodal/remodal.min.js> could save 4.9KiB (66% reduction).
- Compressing <https://petakita.big.go.id/vendor/remodal/remodal-default-theme.css> could save 4.1KiB (76% reduction).
- Compressing <https://petakita.big.go.id/js/qrcode-master/src/databr.js> could save 3.8KiB (71% reduction).
- Compressing <https://petakita.big.go.id/css/dataTables.bootstrap.css> could save 3.8KiB (78% reduction).
- Compressing <https://petakita.big.go.id/js/qrcode-master/src/qf256poly.js> could save 3.1KiB (75% reduction).
- Compressing <https://petakita.big.go.id/js/qrcode-master/src/alignpat.js> could save 3.0KiB (71% reduction).
- Compressing <https://petakita.big.go.id/lang.js> could save 2.9KiB (57% reduction).
- Compressing <https://petakita.big.go.id/js/imageTools.js> could save 2.5KiB (64% reduction).
- Compressing <https://petakita.big.go.id/css/ol3151/ol.css> could save 2.4KiB (68% reduction).
- Compressing <https://petakita.big.go.id/js/qrcode-master/src/bmparser.js> could save 2.2KiB (73% reduction).
- Compressing <https://petakita.big.go.id/js/xml2json.js> could save 2.1KiB (66% reduction).
- Compressing <https://petakita.big.go.id/js/qrcode-master/src/rsdecoder.js> could save 2.1KiB (66% reduction).
- Compressing <https://petakita.big.go.id/js/qrcode-master/src/datamask.js> could save 1.8KiB (82% reduction).
- Compressing <https://petakita.big.go.id/js/qrcode-master/src/formatinf.js> could save 1.8KiB (69% reduction).
- Compressing <https://petakita.big.go.id/css/tree.css> could save 1.4KiB (61% reduction).
- Compressing <https://petakita.big.go.id/js/qrcode-master/src/datablock.js> could save 1.3KiB (70% reduction).
- Compressing <https://petakita.big.go.id/js/qrcode-master/src/grid.js> could save 1.3KiB (68% reduction).
- Compressing <https://petakita.big.go.id/vendor/remodal/remodal.css> could save 943B (58% reduction).
- Compressing <https://petakita.big.go.id/js/dataTables.bootstrap.min.js> could save 936B (48% reduction).
- Compressing <https://petakita.big.go.id/js/qrcode-master/src/bitmat.js> could save 851B (59% reduction).
- Compressing <https://petakita.big.go.id/js/qrcode-master/src/decoder.js> could save 817B (61% reduction).
- Compressing <https://petakita.big.go.id/js/qrcode-master/src/qf256.js> could save 813B (60% reduction).
- Compressing <https://petakita.big.go.id/mfb/src/mfb.js> could save 693B (56% reduction).
- Compressing <https://petakita.big.go.id/css/print.min.css> could save 640B (54% reduction).
- Compressing <https://petakita.big.go.id/js/app.js> could save 591B (50% reduction).
- Compressing <https://petakita.big.go.id/js/json2xml.js> could save 336B (45% reduction).
- Compressing <https://petakita.big.go.id/js/qrcode-master/src/errorlevel.js> could save 331B (52% reduction).
- Compressing <https://petakita.big.go.id/flag/flags/4x3/id.svg> could save 63B (23% reduction).

Leverage browser caching	F (0)	✓ AVG SCORE: 65%	SERVER	HIGH
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Leverage browser caching for the following cacheable resources:

- <https://petakita.big.go.id/css/app.css> (expiration not specified)
- <https://petakita.big.go.id/css/bootstrap.min.css> (expiration not specified)
- <https://petakita.big.go.id/css/dataTables.bootstrap.css> (expiration not specified)
- <https://petakita.big.go.id/css/font-awesome.min.css> (expiration not specified)
- <https://petakita.big.go.id/css/query-ui.css> (expiration not specified)
- <https://petakita.big.go.id/css/query.dataTables.css> (expiration not specified)
- <https://petakita.big.go.id/css/ol3151/ol.css> (expiration not specified)
- <https://petakita.big.go.id/css/print.min.css> (expiration not specified)

- <https://petakita.big.go.id/css/roboto/Roboto-Regular.woff> (expiration not specified)
- <https://petakita.big.go.id/css/tree.css> (expiration not specified)
- <https://petakita.big.go.id/flag/css/flag-icon.min.css> (expiration not specified)
- <https://petakita.big.go.id/flag/flags/4x3/id.svg> (expiration not specified)
- <https://petakita.big.go.id/fonts/glyphicons-halflings-regular.woff2> (expiration not specified)
- <https://petakita.big.go.id/images/blankmap.gif> (expiration not specified)
- <https://petakita.big.go.id/images/blueflag.png> (expiration not specified)
- <https://petakita.big.go.id/images/bluetri.png> (expiration not specified)
- <https://petakita.big.go.id/images/logopk2.png> (expiration not specified)
- <https://petakita.big.go.id/images/yellowtri.png> (expiration not specified)
- <https://petakita.big.go.id/imports/1566276321.gpx> (expiration not specified)
- <https://petakita.big.go.id/js/ImageTools.js> (expiration not specified)
- <https://petakita.big.go.id/js/app.js> (expiration not specified)
- <https://petakita.big.go.id/js/bootsrap.min.js> (expiration not specified)
- <https://petakita.big.go.id/js/dataTables.bootsrap.min.js> (expiration not specified)
- <https://petakita.big.go.id/js/jquery-1.10.2.js> (expiration not specified)
- <https://petakita.big.go.id/js/jquery-2.2.2.min.js> (expiration not specified)
- <https://petakita.big.go.id/js/jquery-ui.js> (expiration not specified)
- <https://petakita.big.go.id/js/jquery.dataTables.min.js> (expiration not specified)
- <https://petakita.big.go.id/js/json2xml.js> (expiration not specified)
- <https://petakita.big.go.id/js/spdf.min.js> (expiration not specified)
- <https://petakita.big.go.id/js/notify.min.js> (expiration not specified)
- <https://petakita.big.go.id/js/print.min.js> (expiration not specified)
- <https://petakita.big.go.id/js/qrcode.min.js> (expiration not specified)
- <https://petakita.big.go.id/js/select2.min.js> (expiration not specified)
- <https://petakita.big.go.id/js/shp-write/shpwrite.js> (expiration not specified)
- <https://petakita.big.go.id/js/v4.4.2-dist/ol.js> (expiration not specified)
- <https://petakita.big.go.id/js/xml2json.js> (expiration not specified)
- <https://petakita.big.go.id/js/qrcode-master/src/alignpat.js> (expiration not specified)
- <https://petakita.big.go.id/js/qrcode-master/src/bitmat.js> (expiration not specified)
- <https://petakita.big.go.id/js/qrcode-master/src/bmparser.js> (expiration not specified)
- <https://petakita.big.go.id/js/qrcode-master/src/datablock.js> (expiration not specified)
- <https://petakita.big.go.id/js/qrcode-master/src/databr.js> (expiration not specified)
- <https://petakita.big.go.id/js/qrcode-master/src/datamask.js> (expiration not specified)
- <https://petakita.big.go.id/js/qrcode-master/src/decoder.js> (expiration not specified)
- <https://petakita.big.go.id/js/qrcode-master/src/detector.js> (expiration not specified)
- <https://petakita.big.go.id/js/qrcode-master/src/errorlevel.js> (expiration not specified)
- <https://petakita.big.go.id/js/qrcode-master/src/findpat.js> (expiration not specified)
- <https://petakita.big.go.id/js/qrcode-master/src/formatinf.js> (expiration not specified)
- <https://petakita.big.go.id/js/qrcode-master/src/qf256.js> (expiration not specified)
- <https://petakita.big.go.id/js/qrcode-master/src/qf256poly.js> (expiration not specified)
- <https://petakita.big.go.id/js/qrcode-master/src/grid.js> (expiration not specified)
- <https://petakita.big.go.id/js/qrcode-master/src/qrcode.js> (expiration not specified)
- <https://petakita.big.go.id/js/qrcode-master/src/rsdecoder.js> (expiration not specified)
- <https://petakita.big.go.id/js/qrcode-master/src/version.js> (expiration not specified)
- <https://petakita.big.go.id/lang.js> (expiration not specified)
- <https://petakita.big.go.id/mfb/src/mfb.css> (expiration not specified)
- <https://petakita.big.go.id/mfb/src/mfb.js> (expiration not specified)
- <https://petakita.big.go.id/vendor/remodal/remodal-default-theme.css> (expiration not specified)
- <https://petakita.big.go.id/vendor/remodal/remodal.css> (expiration not specified)
- <https://petakita.big.go.id/vendor/remodal/remodal.min.js> (expiration not specified)
- <https://www.googletagmanager.com/gtag/js?id=UA-171796536-1> (15 minutes)
- https://clustrmaps.com/generated_content/backs/bg-w_117-cl_ffff.png (30 minutes)
- <https://www.google-analytics.com/analytics.js> (2 hours)

Serve resources from a consistent URL

F (0)

✓ AVG SCORE: 91%

CONTENT

HIGH

The following resources have identical contents, but are served from different URLs. Serve these resources from a consistent URL to save 17 request(s) and 1.7KiB.

- <https://a.tile.openstreetmap.org/8/203/136.png>
- <https://a.tile.openstreetmap.org/8/204/134.png>
- <https://a.tile.openstreetmap.org/8/205/135.png>
- <https://a.tile.openstreetmap.org/8/206/136.png>
- <https://a.tile.openstreetmap.org/8/208/135.png>
- <https://a.tile.openstreetmap.org/8/209/136.png>
- <https://b.tile.openstreetmap.org/8/202/134.png>
- <https://b.tile.openstreetmap.org/8/204/136.png>

- <https://b.tile.openstreetmap.org/8/205/134.png>
- <https://b.tile.openstreetmap.org/8/206/135.png>
- <https://b.tile.openstreetmap.org/8/207/136.png>
- <https://b.tile.openstreetmap.org/8/209/135.png>
- <https://c.tile.openstreetmap.org/8/202/136.png>
- <https://c.tile.openstreetmap.org/8/203/134.png>
- <https://c.tile.openstreetmap.org/8/204/135.png>
- <https://c.tile.openstreetmap.org/8/205/136.png>
- <https://c.tile.openstreetmap.org/8/207/135.png>
- <https://c.tile.openstreetmap.org/8/208/136.png>

Defer parsing of JavaScript

D (65)



AVG SCORE: 72%

JS

HIGH

415.2KiB of JavaScript is parsed during initial page load. Defer parsing JavaScript to reduce blocking of page rendering.

- <https://petakita.big.go.id/> (415.2KiB of inline JavaScript)

Inline small JavaScript

B (83)



AVG SCORE: 99%

JS

HIGH

The following external resources have small response bodies. Inlining the response in HTML can reduce blocking of page rendering.

<https://petakita.big.go.id/> should inline the following small resources:

- <https://petakita.big.go.id/js/json2xml.js>
- <https://petakita.big.go.id/js/qrcode-master/src/errorlevel.js>

Inline small CSS

A (92)



AVG SCORE: 99%

CSS

HIGH

The following external resources have small response bodies. Inlining the response in HTML can reduce blocking of page rendering.

<https://petakita.big.go.id/> should inline the following small resources:

- <https://petakita.big.go.id/vendor/remodal/remodal.css>

Minimize redirects

A (92)



AVG SCORE: 87%

CONTENT

HIGH

Remove the following redirect chain if possible:

- https://cdn.clustrmaps.com/map_v2.js?d=cIEhoYb_HH0WXC_u8-tmDvRwT7hnOhjWDxTLLkwew4&cl=ffffff&w=a
- https://clustrmaps.com/map_v2.js?d=cIEhoYb_HH0WXC_u8-tmDvRwT7hnOhjWDxTLLkwew4&cl=ffffff&w=a

Avoid CSS @import

A (92)



AVG SCORE: 98%

CSS

MEDIUM

The following external stylesheets were included in <https://petakita.big.go.id/css/bootstrap.min.css> using @import.

- <https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,700,400italic>

Minify CSS

A (92)



AVG SCORE: 96%

CSS

HIGH

Minify CSS for the following resources to reduce their size by 9.3KiB (14% reduction).

- Minifying <https://petakita.big.go.id/mfb/src/mfb.css> could save 1.8KiB (48% reduction) after compression. See [optimized version](#).
- Minifying <https://petakita.big.go.id/vendor/remodal/remodal-default-theme.css> could save 1.8KiB (34% reduction). See [optimized version](#).
- Minifying <https://petakita.big.go.id/css/jquery-ui.css> could save 1.3KiB (17% reduction) after compression. See [optimized version](#).
- Minifying <https://petakita.big.go.id/css/app.css> could save 1.2KiB (13% reduction) after compression. See [optimized version](#).
- Minifying <https://petakita.big.go.id/css/tree.css> could save 943B (40% reduction). See [optimized version](#).
- Minifying <https://petakita.big.go.id/vendor/remodal/remodal.css> could save 854B (53% reduction). See [optimized version](#).
- Minifying <https://petakita.big.go.id/css/dataTables.bootstrap.css> could save 712B (15% reduction). See [optimized version](#).
- Minifying <https://petakita.big.go.id/css/bootstrap.min.css> could save 254B (2% reduction) after compression. See [optimized version](#).
- Minifying <https://petakita.big.go.id/css/jquery.dataTables.css> could save 204B (10% reduction) after compression. See [optimized version](#).
- Minifying <https://petakita.big.go.id/css/font-awesome.min.css> could save 103B (2% reduction) after compression. See [optimized version](#).
- Minifying <https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,700,400italic> could save 64B (8% reduction) after compression. See [optimized version](#).
- Minifying <https://fonts.googleapis.com/css?family=Open+Sans> could save 53B (10% reduction) after compression. See [optimized version](#).
- Minifying <https://fonts.googleapis.com/icon?family=Material+Icons> could save 29B (9% reduction) after compression. See [optimized version](#).
- Minifying <https://cdnjs.cloudflare.com/ajax/libs/select2/4.0.6-rc.0/css/select2.min.css> could save 4B (1% reduction) after compression. See [optimized version](#).

Specify a cache validator

A (94)



AVG SCORE: 96%

SERVER

HIGH

The following resources are missing a cache validator. Resources that do not specify a cache validator cannot be refreshed efficiently. Specify a Last-Modified or ETag header to enable cache validation for the following resources:

- <https://fonts.googleapis.com/css?family=Open+Sans>
- <https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,700,400italic>
- <https://fonts.googleapis.com/icon?family=Material+Icons>

Optimize images

A (94)



AVG SCORE: 74%

IMAGES

HIGH

Optimize the following images to reduce their size by 6.8KiB (16% reduction).

- Losslessly compressing https://clustrmaps.com/generated_content/backs/bg-w_117-cl_ffff.png could save 3.0KiB (18% reduction). See [optimized version](#).
- Losslessly compressing <https://petakita.big.go.id/images/blankmap.gif> could save 2.5KiB (19% reduction). See [optimized version](#).
- Losslessly compressing <https://petakita.big.go.id/images/bluetri.png> could save 669B (14% reduction). See [optimized version](#).
- Losslessly compressing <https://petakita.big.go.id/images/logopk2.png> could save 621B (9% reduction). See [optimized version](#).

Minify JavaScript

A (98)



AVG SCORE: 90%

JS

HIGH

Minify JavaScript for the following resources to reduce their size by 2.4KiB (3% reduction).

- Minifying https://clustrmaps.com/map_v2.js?d=dEhoYb_HH0WXC_u8-tmDvRwT7hnOhjWDxTLLkwew4&cl=ffff&w=a could save 1.6KiB (8% reduction) after compression. See [optimized version](#).
- Minifying <https://www.googletagmanager.com/gtag/js?id=UA-171796536-1> could save 546B (2% reduction) after compression. See [optimized version](#).
- Minifying <https://www.google-analytics.com/analytics.js> could save 176B (1% reduction) after compression. See [optimized version](#).
- Minifying <https://code.jquery.com/jquery-1.12.4.min.js> could save 50B (1% reduction) after compression. See [optimized version](#).

Specify image dimensions

A (99)



AVG SCORE: 98%

IMAGES

MEDIUM

The following image(s) are missing width and/or height attributes.

- <https://petakita.big.go.id/images/blankmap.gif> (Dimensions: 600 x 600)
- <https://petakita.big.go.id/images/blueflag.png> (Dimensions: 256 x 256)
- <https://petakita.big.go.id/images/bluetri.png> (Dimensions: 256 x 256)
- <https://petakita.big.go.id/images/yellowtri.png> (Dimensions: 256 x 256)

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: 99%

SERVER

HIGH

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

Minimize request size

A (100)

◆ AVG SCORE: 99%

CONTENT

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 scaled images

A (100)

▲ AVG SCORE: 70%

IMAGES

HIGH

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

Combine images using CSS sprites

A (100)

◆ AVG SCORE: 98%

IMAGES

HIGH

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

A (100)

◆ AVG SCORE: 100%

CONTENT

MEDIUM

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

Avoid a character set in the meta tag

A (100)

◆ AVG SCORE: 100%

CONTENT

LOW

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

YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Add Expires headers	F (0)	AVG SCORE: 30%	SERVER	HIGH

There are 112 static components without a far-future expiration date.

- <https://www.googletagmanager.com/ntag/js?id=UA-171796536-1>
- <https://petakita.big.go.id/css/font-awesome.min.css>
- <https://petakita.big.go.id/css/bootstrap.min.css>
- <https://petakita.big.go.id/css/jquery-ui.css>
- <https://petakita.big.go.id/css/ol3151/ol.css>
- <https://petakita.big.go.id/vendor/remodal/remodal.css>
- <https://petakita.big.go.id/vendor/remodal/remodal-default-theme.css>
- <https://petakita.big.go.id/css/tree.css>
- <https://petakita.big.go.id/css/app.css>
- <https://fonts.googleapis.com/icon?family=Material+Icons>
- <https://petakita.big.go.id/css/jquery.dataTables.css>
- <https://petakita.big.go.id/css/dataTables.bootstrap.css>
- <https://petakita.big.go.id/css/print.min.css>
- <https://petakita.big.go.id/mfb/src/mfb.css>
- <https://petakita.big.go.id/flag/css/flag-icon.min.css>
- <https://petakita.big.go.id/images/logopk2.png>
- <https://petakita.big.go.id/images/blankmap.gif>
- <https://petakita.big.go.id/images/blueflag.png>
- <https://petakita.big.go.id/images/bluetri.png>
- <https://petakita.big.go.id/images/yellowtri.png>
- <https://petakita.big.go.id/js/jquery-2.2.2.min.js>
- <https://petakita.big.go.id/js/jquery-1.10.2.js>
- <https://petakita.big.go.id/js/jquery-ui.js>
- <https://petakita.big.go.id/js/v4.4.2-dist/ol.js>
- <https://petakita.big.go.id/vendor/remodal/remodal.min.js>
- <https://petakita.big.go.id/js/app.js>
- <https://petakita.big.go.id/js/jquery.dataTables.min.js>
- <https://petakita.big.go.id/js/bootstrap.min.js>
- <https://petakita.big.go.id/js/dataTables.bootstrap.min.js>
- <https://petakita.big.go.id/js/print.min.js>
- <https://petakita.big.go.id/js/spdf.min.js>
- <https://petakita.big.go.id/js/qrcode.min.js>
- <https://petakita.big.go.id/js/son2xml.js>
- <https://petakita.big.go.id/js/xml2json.js>
- <https://petakita.big.go.id/js/select2.min.js>
- <https://petakita.big.go.id/js/qrcode-master/src/grid.js>
- <https://petakita.big.go.id/js/qrcode-master/src/version.js>
- <https://petakita.big.go.id/js/qrcode-master/src/detector.js>
- <https://petakita.big.go.id/js/qrcode-master/src/formatinf.js>
- <https://petakita.big.go.id/js/qrcode-master/src/errorlevel.js>
- <https://petakita.big.go.id/js/qrcode-master/src/bitmat.js>
- <https://petakita.big.go.id/js/qrcode-master/src/datablock.js>
- <https://petakita.big.go.id/js/qrcode-master/src/bmparser.js>
- <https://petakita.big.go.id/js/qrcode-master/src/datamask.js>
- <https://petakita.big.go.id/js/qrcode-master/src/rsdecoder.js>
- <https://petakita.big.go.id/js/qrcode-master/src/gf256poly.js>
- <https://petakita.big.go.id/js/qrcode-master/src/gf256.js>
- <https://petakita.big.go.id/js/qrcode-master/src/decoder.js>
- <https://petakita.big.go.id/js/qrcode-master/src/qrcode.js>
- <https://petakita.big.go.id/js/qrcode-master/src/findpat.js>
- <https://petakita.big.go.id/js/qrcode-master/src/alignpat.js>
- <https://petakita.big.go.id/js/qrcode-master/src/databr.js>
- <https://petakita.big.go.id/mfb/src/mfb.js>
- <https://petakita.big.go.id/lang.js>
- <https://petakita.big.go.id/js/notify.min.js>
- <https://petakita.big.go.id/js/shp-write/shpwrite.js>
- <https://petakita.big.go.id/js/ImageTools.js>
- <https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,700,400italic>
- https://clustrmaps.com/map_v2.js?d=cEhoYb_HH0WXC_u8-tmDvRwT7hnOhjWDxTLLkwew4&cl=ffffff&w=a
- <https://www.google-analytics.com/analytics.js>

- https://clustrmaps.com/generated_content/backs/bg-w_117-cl_fffff.png
- <https://fonts.googleapis.com/css?family=Open+Sans>
- https://dev.virtualearth.net/REST/v1/Imagery/Metadata/Aerial?uriScheme=https&include=ImageryProviders&key=JNx1fpsvohcEaFcZpaLQ~CIE40G17ddEXnULr04Ke0Q~Am0tTpyPbv_KeUaDatu1S-QndWE9aG9EYScBmyid7NoEM7pyHrOJNE3F5v4e_QvR&jsonp=olc_15
- https://dev.virtualearth.net/REST/v1/Imagery/Metadata/Road?uriScheme=https&include=ImageryProviders&key=JNx1fpsvohcEaFcZpaLQ~CIE40G17ddEXnULr04Ke0Q~Am0tTpyPbv_KeUaDatu1S-QndWE9aG9EYScBmyid7NoEM7pyHrOJNE3F5v4e_QvR&jsonp=olc_18
- <https://c.tile.openstreetmap.org/8/206/134.png>
- <https://a.tile.openstreetmap.org/8/206/133.png>
- <https://b.tile.openstreetmap.org/8/205/134.png>
- <https://c.tile.openstreetmap.org/8/205/133.png>
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- <https://c.tile.openstreetmap.org/8/206/131.png>
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- <https://c.tile.openstreetmap.org/8/204/135.png>
- <https://a.tile.openstreetmap.org/8/206/136.png>
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- <https://c.tile.openstreetmap.org/8/208/133.png>
- <https://c.tile.openstreetmap.org/8/205/136.png>
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- <https://b.tile.openstreetmap.org/8/207/136.png>
- <https://a.tile.openstreetmap.org/8/204/131.png>
- <https://a.tile.openstreetmap.org/8/208/135.png>
- <https://c.tile.openstreetmap.org/8/203/134.png>
- <https://a.tile.openstreetmap.org/8/203/133.png>
- <https://b.tile.openstreetmap.org/8/204/136.png>
- <https://b.tile.openstreetmap.org/8/203/132.png>
- <https://b.tile.openstreetmap.org/8/208/131.png>
- <https://b.tile.openstreetmap.org/8/203/135.png>
- <https://c.tile.openstreetmap.org/8/208/136.png>
- <https://c.tile.openstreetmap.org/8/209/134.png>
- <https://a.tile.openstreetmap.org/8/209/133.png>
- <https://c.tile.openstreetmap.org/8/203/131.png>
- <https://b.tile.openstreetmap.org/8/209/132.png>
- <https://b.tile.openstreetmap.org/8/209/135.png>
- <https://a.tile.openstreetmap.org/8/203/136.png>
- <https://b.tile.openstreetmap.org/8/202/134.png>
- <https://c.tile.openstreetmap.org/8/202/133.png>
- <https://c.tile.openstreetmap.org/8/209/131.png>
- <https://a.tile.openstreetmap.org/8/202/132.png>
- <https://a.tile.openstreetmap.org/8/202/135.png>
- <https://a.tile.openstreetmap.org/8/209/136.png>
- <https://b.tile.openstreetmap.org/8/202/131.png>
- <https://c.tile.openstreetmap.org/8/202/136.png>

Make fewer HTTP requests

F (0)



AVG SCORE: 75%

CONTENT

HIGH

This page has 43 external Javascript scripts. Try combining them into fewer scripts.

This page has 17 external stylesheets. Try combining them into fewer stylesheets.

Compress components

F (0)



AVG SCORE: 91%

SERVER

HIGH

There are 43 plain text components that should be sent compressed

- <https://petakita.big.go.id/css/ol3151/ol.css>
- <https://petakita.big.go.id/vendor/remodal/remodal.css>

- <https://petakita.big.go.id/vendor/remodal/remodal-default-theme.css>
- <https://petakita.big.go.id/css/tree.css>
- <https://petakita.big.go.id/css/dataTables.bootstrap.css>
- <https://petakita.big.go.id/css/print.min.css>
- <https://petakita.big.go.id/js/jquery-2.2.2.min.js>
- <https://petakita.big.go.id/js/jquery-1.10.2.js>
- <https://petakita.big.go.id/js/jquery-ui.js>
- <https://petakita.big.go.id/js/v4.4.2-dist/ol.js>
- <https://petakita.big.go.id/vendor/remodal/remodal.min.js>
- <https://petakita.big.go.id/js/app.js>
- <https://petakita.big.go.id/js/jquery.dataTables.min.js>
- <https://petakita.big.go.id/js/bootstrap.min.js>
- <https://petakita.big.go.id/js/dataTables.bootstrap.min.js>
- <https://petakita.big.go.id/js/print.min.js>
- <https://petakita.big.go.id/js/spdf.min.js>
- <https://petakita.big.go.id/js/qrcode.min.js>
- <https://petakita.big.go.id/js/json2xml.js>
- <https://petakita.big.go.id/js/xml2json.js>
- <https://petakita.big.go.id/js/select2.min.js>
- <https://petakita.big.go.id/js/qrcode-master/src/grid.js>
- <https://petakita.big.go.id/js/qrcode-master/src/version.js>
- <https://petakita.big.go.id/js/qrcode-master/src/detector.js>
- <https://petakita.big.go.id/js/qrcode-master/src/formatinf.js>
- <https://petakita.big.go.id/js/qrcode-master/src/errorlevel.js>
- <https://petakita.big.go.id/js/qrcode-master/src/bitmat.js>
- <https://petakita.big.go.id/js/qrcode-master/src/datablock.js>
- <https://petakita.big.go.id/js/qrcode-master/src/bmparser.js>
- <https://petakita.big.go.id/js/qrcode-master/src/datamask.js>
- <https://petakita.big.go.id/js/qrcode-master/src/rsdecoder.js>
- <https://petakita.big.go.id/js/qrcode-master/src/qf256poly.js>
- <https://petakita.big.go.id/js/qrcode-master/src/qf256.js>
- <https://petakita.big.go.id/js/qrcode-master/src/decoder.js>
- <https://petakita.big.go.id/js/qrcode-master/src/qrcode.js>
- <https://petakita.big.go.id/js/qrcode-master/src/findpat.js>
- <https://petakita.big.go.id/js/qrcode-master/src/alignpat.js>
- <https://petakita.big.go.id/js/qrcode-master/src/databr.js>
- <https://petakita.big.go.id/mfb/src/mfb.js>
- <https://petakita.big.go.id/lang.js>
- <https://petakita.big.go.id/js/notify.min.js>
- <https://petakita.big.go.id/js/shp-write/shpwrite.js>
- <https://petakita.big.go.id/js/ImageTools.js>

Use a Content Delivery Network (CDN)

F (0)



AVG SCORE: 32%

SERVER

MEDIUM

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

There are 105 static components that are not on CDN.

- <https://petakita.big.go.id/css/font-awesome.min.css>
- <https://petakita.big.go.id/css/bootstrap.min.css>
- <https://petakita.big.go.id/css/jquery-ui.css>
- <https://petakita.big.go.id/css/ol3151/ol.css>
- <https://petakita.big.go.id/vendor/remodal/remodal.css>
- <https://petakita.big.go.id/vendor/remodal/remodal-default-theme.css>
- <https://petakita.big.go.id/css/tree.css>
- <https://petakita.big.go.id/css/app.css>
- <https://petakita.big.go.id/css/jquery.dataTables.css>
- <https://petakita.big.go.id/css/dataTables.bootstrap.css>
- <https://petakita.big.go.id/css/print.min.css>
- <https://petakita.big.go.id/mfb/src/mfb.css>
- <https://petakita.big.go.id/flag/css/flag-icon.min.css>
- <https://petakita.big.go.id/images/logopk2.png>
- <https://petakita.big.go.id/images/blankmap.gif>
- <https://petakita.big.go.id/images/blueflag.png>
- <https://petakita.big.go.id/images/bluetri.png>
- <https://petakita.big.go.id/images/yellowtri.png>
- <https://petakita.big.go.id/js/jquery-2.2.2.min.js>
- <https://petakita.big.go.id/js/jquery-1.10.2.js>
- <https://petakita.big.go.id/js/jquery-ui.js>
- <https://petakita.big.go.id/js/v4.4.2-dist/ol.js>

- <https://petakita.big.go.id/vendor/remodal/remodal.min.js>
- <https://petakita.big.go.id/js/app.js>
- <https://petakita.big.go.id/js/query.dataTables.min.js>
- <https://petakita.big.go.id/js/bootstrap.min.js>
- <https://petakita.big.go.id/js/dataTables.bootstrap.min.js>
- <https://petakita.big.go.id/js/print.min.js>
- <https://petakita.big.go.id/js/spdf.min.js>
- <https://petakita.big.go.id/js/qrcode.min.js>
- <https://petakita.big.go.id/js/son2xml.js>
- <https://petakita.big.go.id/js/xml2json.js>
- <https://petakita.big.go.id/js/select2.min.js>
- <https://petakita.big.go.id/js/qrcode-master/src/grid.js>
- <https://petakita.big.go.id/js/qrcode-master/src/version.js>
- <https://petakita.big.go.id/js/qrcode-master/src/detector.js>
- <https://petakita.big.go.id/js/qrcode-master/src/formatinf.js>
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- <https://petakita.big.go.id/js/qrcode-master/src/gf256poly.js>
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- <https://petakita.big.go.id/js/qrcode-master/src/databr.js>
- <https://petakita.big.go.id/mfb/src/mfb.js>
- <https://petakita.big.go.id/lang.js>
- <https://petakita.big.go.id/js/notify.min.js>
- <https://petakita.big.go.id/js/shp-write/shpwrite.js>
- <https://petakita.big.go.id/js/ImageTools.js>
- https://dev.virtualearth.net/REST/v1/Imagery/Metadata/Aerial?uriScheme=https&include=ImageryProviders&key=JNx1fpsvohcEaFcZpaLQ~CIE40G17ddEXnULr04Ke0Q~Am0TpyPbv_KeUaDatu1S-QndWE9aG9EYScBmvid7NoEM7pyHrOJNE3F5v4e_QvR&jsonp=olc_15
- https://dev.virtualearth.net/REST/v1/Imagery/Metadata/Road?uriScheme=https&include=ImageryProviders&key=JNx1fpsvohcEaFcZpaLQ~CIE40G17ddEXnULr04Ke0Q~Am0TpyPbv_KeUaDatu1S-QndWE9aG9EYScBmvid7NoEM7pyHrOJNE3F5v4e_QvR&jsonp=olc_18
- <https://c.tile.openstreetmap.org/8/206/134.png>
- <https://a.tile.openstreetmap.org/8/206/133.png>
- <https://b.tile.openstreetmap.org/8/205/134.png>
- <https://c.tile.openstreetmap.org/8/205/133.png>
- <https://b.tile.openstreetmap.org/8/206/132.png>
- <https://a.tile.openstreetmap.org/8/205/132.png>
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- <https://c.tile.openstreetmap.org/8/208/133.png>
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- <https://a.tile.openstreetmap.org/8/208/132.png>
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- <https://a.tile.openstreetmap.org/8/204/131.png>
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- <https://c.tile.openstreetmap.org/8/203/134.png>
- <https://a.tile.openstreetmap.org/8/203/133.png>
- <https://b.tile.openstreetmap.org/8/204/136.png>
- <https://b.tile.openstreetmap.org/8/203/132.png>
- <https://b.tile.openstreetmap.org/8/208/131.png>
- <https://b.tile.openstreetmap.org/8/203/135.png>
- <https://c.tile.openstreetmap.org/8/208/136.png>
- <https://c.tile.openstreetmap.org/8/209/134.png>

- <https://a.tile.openstreetmap.org/8/209/133.png>
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- <https://c.tile.openstreetmap.org/8/209/131.png>
- <https://a.tile.openstreetmap.org/8/202/132.png>
- <https://a.tile.openstreetmap.org/8/202/135.png>
- <https://a.tile.openstreetmap.org/8/209/136.png>
- <https://b.tile.openstreetmap.org/8/202/131.png>
- <https://c.tile.openstreetmap.org/8/202/136.png>

Use cookie-free domains

F (0)

✓ AVG SCORE: 57%

COOKIE

LOW

There are 57 components that are not cookie-free

- <https://petakita.big.go.id/css/font-awesome.min.css>
- <https://petakita.big.go.id/css/bootstrap.min.css>
- <https://petakita.big.go.id/css/query-ui.css>
- <https://petakita.big.go.id/css/ol3151/ol.css>
- <https://petakita.big.go.id/vendor/remodal/remodal.css>
- <https://petakita.big.go.id/vendor/remodal/remodal-default-theme.css>
- <https://petakita.big.go.id/css/tree.css>
- <https://petakita.big.go.id/css/app.css>
- <https://petakita.big.go.id/css/query.dataTables.css>
- <https://petakita.big.go.id/css/dataTables.bootstrap.css>
- <https://petakita.big.go.id/css/print.min.css>
- <https://petakita.big.go.id/mfb/src/mfb.css>
- <https://petakita.big.go.id/flag/css/flag-icon.min.css>
- <https://petakita.big.go.id/images/ogopk2.png>
- <https://petakita.big.go.id/images/blankmap.gif>
- <https://petakita.big.go.id/images/blueflag.png>
- <https://petakita.big.go.id/images/bluetri.png>
- <https://petakita.big.go.id/images/yellowtri.png>
- <https://petakita.big.go.id/js/jquery-2.2.2.min.js>
- <https://petakita.big.go.id/js/jquery-1.10.2.js>
- <https://petakita.big.go.id/js/jquery-ui.js>
- <https://petakita.big.go.id/js/v4.4.2-dist/ol.js>
- <https://petakita.big.go.id/vendor/remodal/remodal.min.js>
- <https://petakita.big.go.id/js/app.js>
- <https://petakita.big.go.id/js/query.dataTables.min.js>
- <https://petakita.big.go.id/js/bootstrap.min.js>
- <https://petakita.big.go.id/js/dataTables.bootstrap.min.js>
- <https://petakita.big.go.id/js/print.min.js>
- <https://petakita.big.go.id/js/spdf.min.js>
- <https://petakita.big.go.id/js/qrcode.min.js>
- <https://petakita.big.go.id/js/json2xml.js>
- <https://petakita.big.go.id/js/xml2json.js>
- <https://petakita.big.go.id/js/select2.min.js>
- <https://petakita.big.go.id/js/qrcode-master/src/grid.js>
- <https://petakita.big.go.id/js/qrcode-master/src/version.js>
- <https://petakita.big.go.id/js/qrcode-master/src/detector.js>
- <https://petakita.big.go.id/js/qrcode-master/src/formatinf.js>
- <https://petakita.big.go.id/js/qrcode-master/src/errorlevel.js>
- <https://petakita.big.go.id/js/qrcode-master/src/bitmat.js>
- <https://petakita.big.go.id/js/qrcode-master/src/datablock.js>
- <https://petakita.big.go.id/js/qrcode-master/src/bmparser.js>
- <https://petakita.big.go.id/js/qrcode-master/src/datamask.js>
- <https://petakita.big.go.id/js/qrcode-master/src/rsdecoder.js>
- <https://petakita.big.go.id/js/qrcode-master/src/qr256poly.js>
- <https://petakita.big.go.id/js/qrcode-master/src/qr256.js>
- <https://petakita.big.go.id/js/qrcode-master/src/decoder.js>
- <https://petakita.big.go.id/js/qrcode-master/src/qrcode.js>
- <https://petakita.big.go.id/js/qrcode-master/src/findpat.js>
- <https://petakita.big.go.id/js/qrcode-master/src/alignpat.js>
- <https://petakita.big.go.id/js/qrcode-master/src/databr.js>
- <https://petakita.big.go.id/mfb/src/mfb.js>
- <https://petakita.big.go.id/lang.js>
- <https://petakita.big.go.id/js/notify.min.js>

- <https://petakita.big.go.id/js/shp-write/shpwrite.js>
- <https://petakita.big.go.id/js/ImageTools.js>
- https://clustrmaps.com/map_v2.js?d=clEhoYb_HH0WXC_u8-tmDvRwT7hnOhjWDxTLLkwew4&cl=ffffff&w=a
- https://clustrmaps.com/generated_content/backs/bg-w_117-cl_ffffff.png

Reduce DNS lookups

D (60)

AVG SCORE: 72%

CONTENT

LOW

The components are split over more than 4 domains

- petakita.big.go.id: 56 components, 3527.6K (197.4K GZip)
- www.googletagmanager.com: 1 component, 90.0K (35.6K GZip)
- fonts.googleapis.com: 3 components, 13.5K (1.6K GZip)
- cdnjs.cloudflare.com: 1 component, 15.2K (1.6K GZip)
- cdn.clustrmaps.com: 1 component, 0.1K
- clustrmaps.com: 4 components, 118.1K (28.2K GZip)
- www.google-analytics.com: 1 component, 45.6K (18.3K GZip)
- code.jquery.com: 1 component, 97.1K (33.7K GZip)
- dev.virtualearth.net: 2 components, 2.8K (1.4K GZip)
- c.tile.openstreetmap.org: 16 components, 96.2K
- a.tile.openstreetmap.org: 16 components, 75.1K
- b.tile.openstreetmap.org: 16 components, 113.5K

Avoid URL redirects

A (90)

AVG SCORE: 86%

CONTENT

MEDIUM

There is 1 redirect

- https://cdn.clustrmaps.com/map_v2.js?... redirects to https://clustrmaps.com/map_v2.js?...

Minify JavaScript and CSS

A (100)

AVG SCORE: 72%

CSS/JS

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 AlmageLoader 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 GET for AJAX requests	A (100)	AVG SCORE: 100%	JS	LOW
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You scored 100% on this recommendation - nothing to do here!

Avoid CSS expressions	A (100)	AVG SCORE: 100%	CSS	LOW
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You scored 100% on this recommendation - nothing to do here!

Reduce cookie size	A (100)	AVG SCORE: 100%	COOKIE	LOW
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You scored 100% on this recommendation - nothing to do here!

Make favicon small and cacheable	A (100)	AVG SCORE: 100%	IMAGES	LOW
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You scored 100% on this recommendation - nothing to do here!

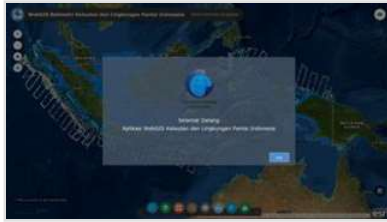
Configure entity tags (ETags)	A (100)	AVG SCORE: 97%	SERVER	LOW
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You scored 100% on this recommendation - nothing to do here!

Make JavaScript and CSS external	(n/a)		CSS/JS	MEDIUM
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Only consider this if your property is a common user home page.

- There is a total of 1 inline script



Performance Report for: <https://portal.ina-sdi.or.id/BIGbatimetri/>

Report generated: Sun, Nov 22, 2020 7:18 PM -0800
 Test Server Location: Vancouver, Canada
 Using: Chrome (Desktop) 86.0.4240.193, Lighthouse 6.3.0

F	Performance 35%	Structure 50%	L. Contentful Paint 18.4s	T. Blocking Time 170ms	C. Layout Shift 0.05
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Top Issues

IMPACT	AUDIT	
High	Enable text compression	Potential savings of 3,440 KiB
High	Avoid enormous network payloads	Total size was 5,922 KiB
High	Avoid chaining critical requests	10 chains found
Med	Remove unused JavaScript	Potential savings of 2,164 KiB
Med	Serve static assets with an efficient cache policy	97 resources found

Page Details



Total Page Size - 5.78MB



Total Page Requests - 146



HTML
 JS
 CSS
 IMG
 Video
 Font
 Other

How does this affect me?

Today's web user expects a fast and seamless website experience. Delivering that fast experience can result in increased visits, conversions and overall happiness.

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

About GTmetrix

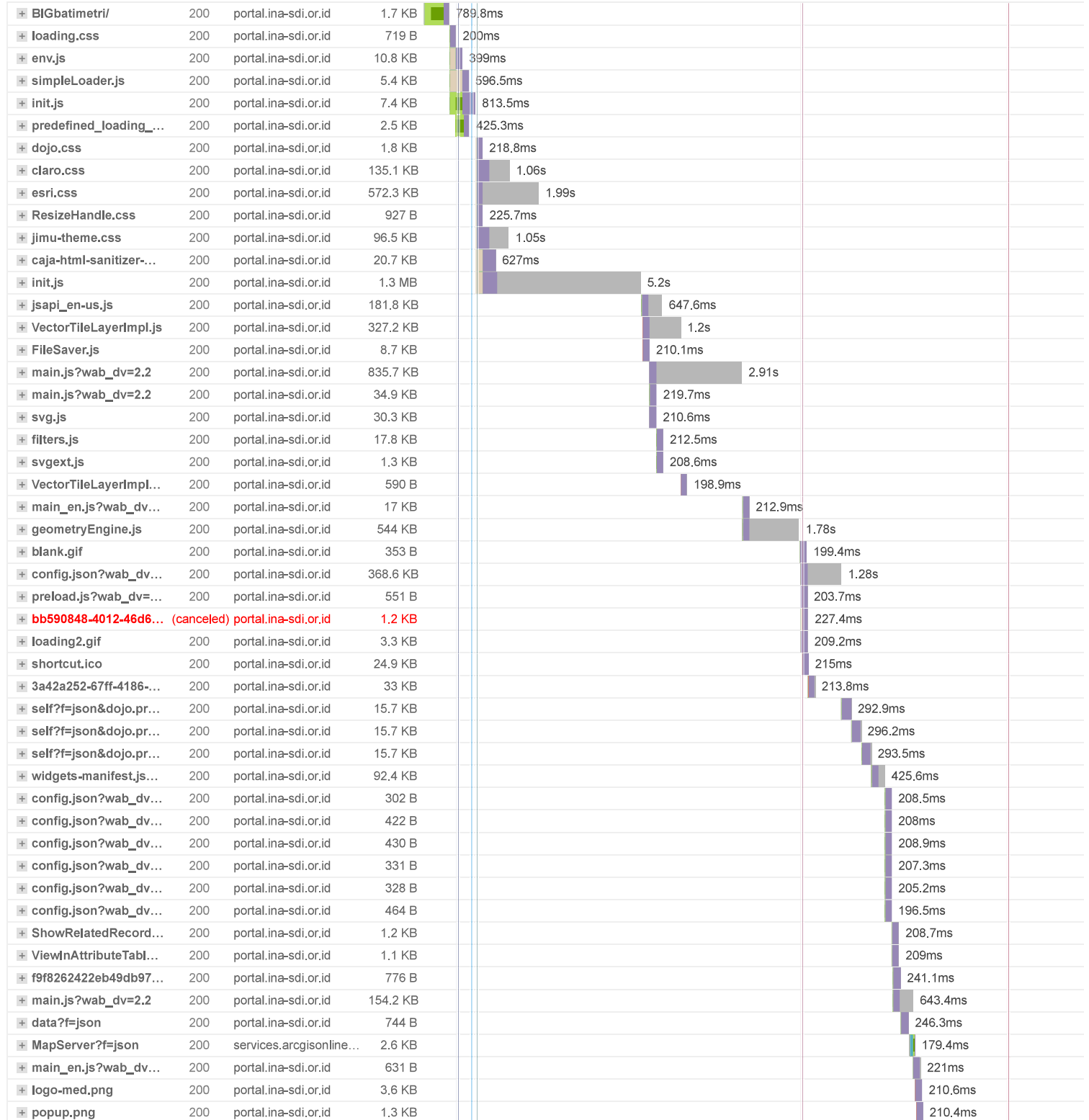
CARBON60
THE MANAGED CLOUD COMPANY

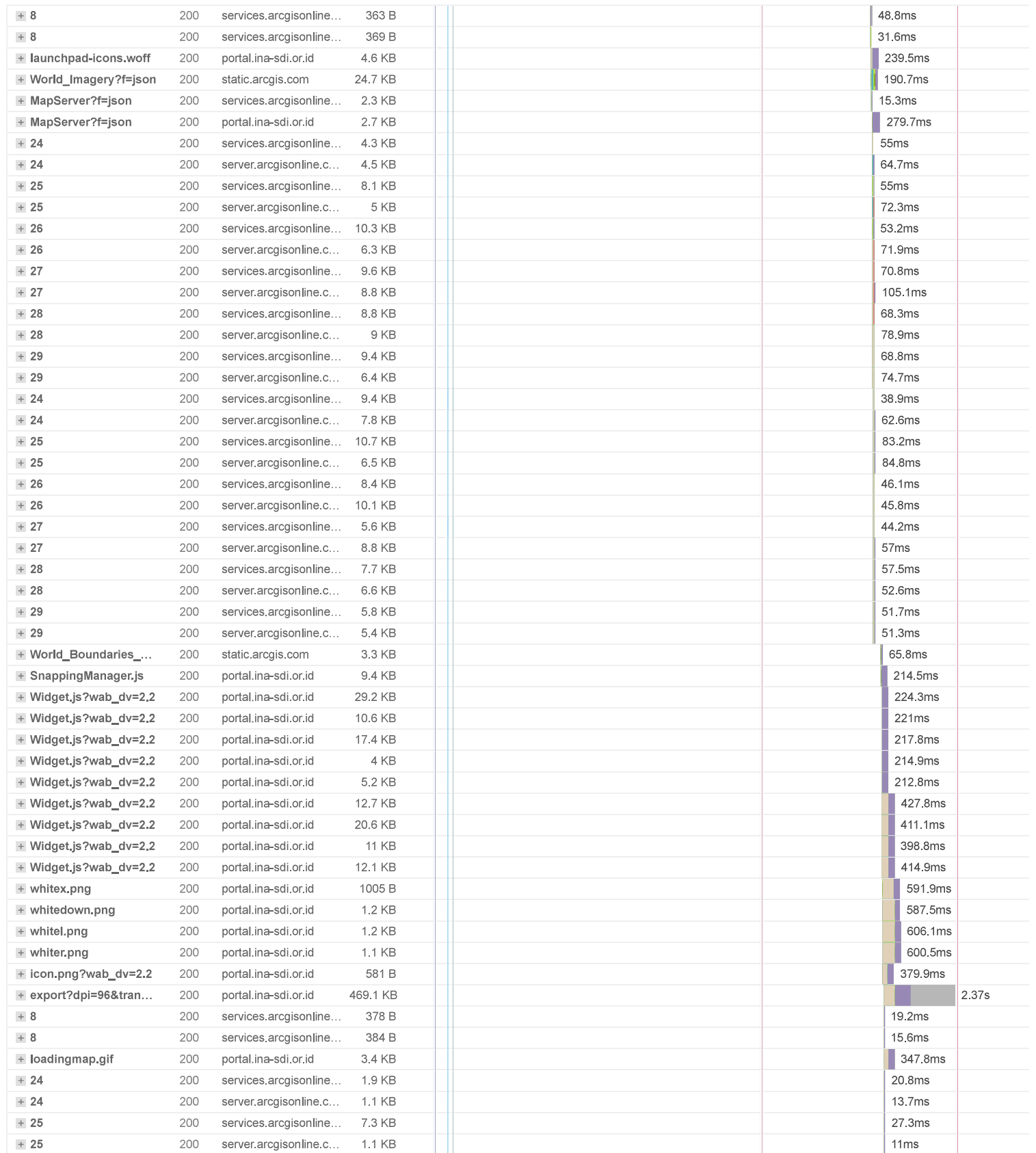
GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 24 years experience in web technology.

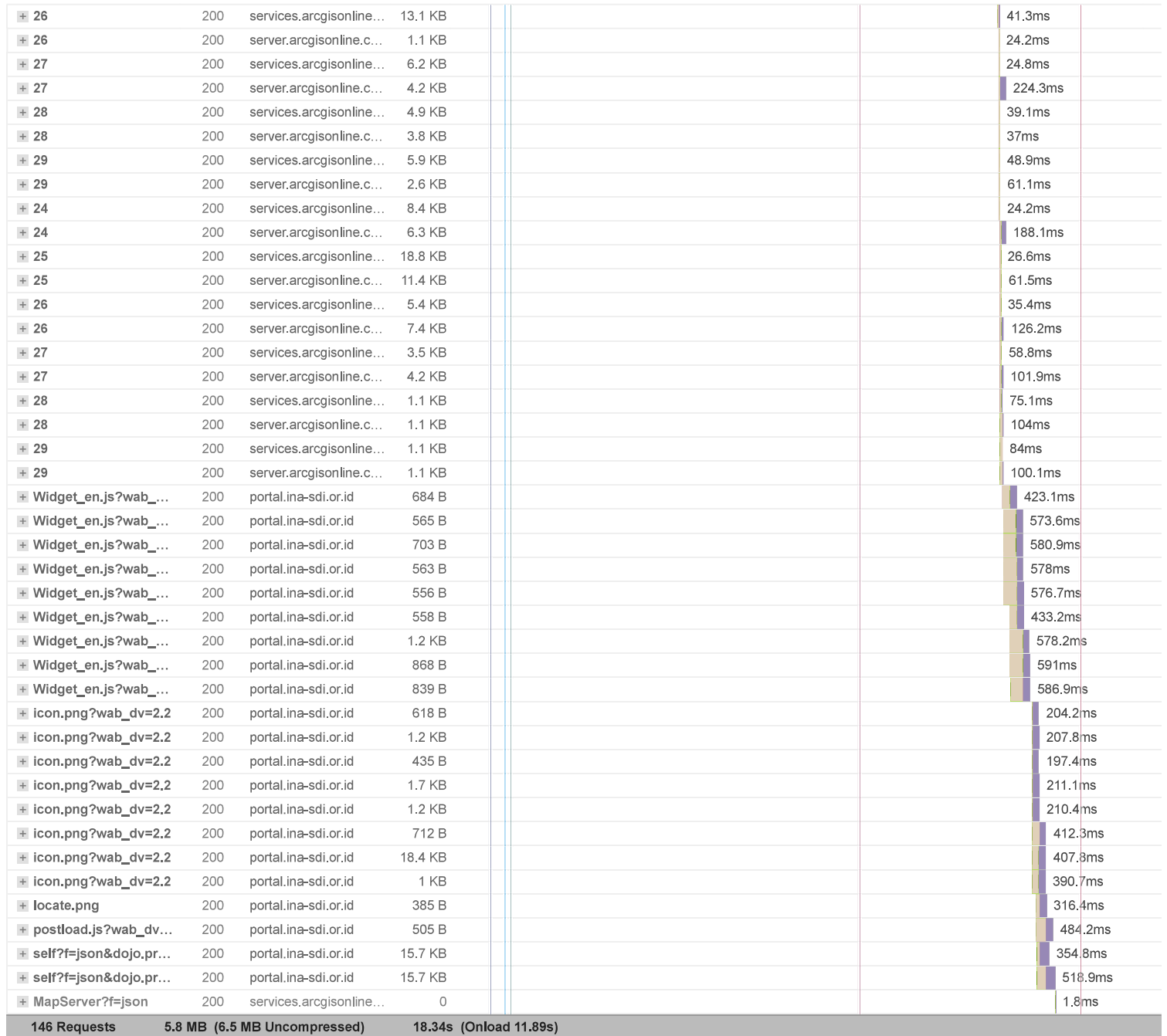
<https://carbon60.com/>

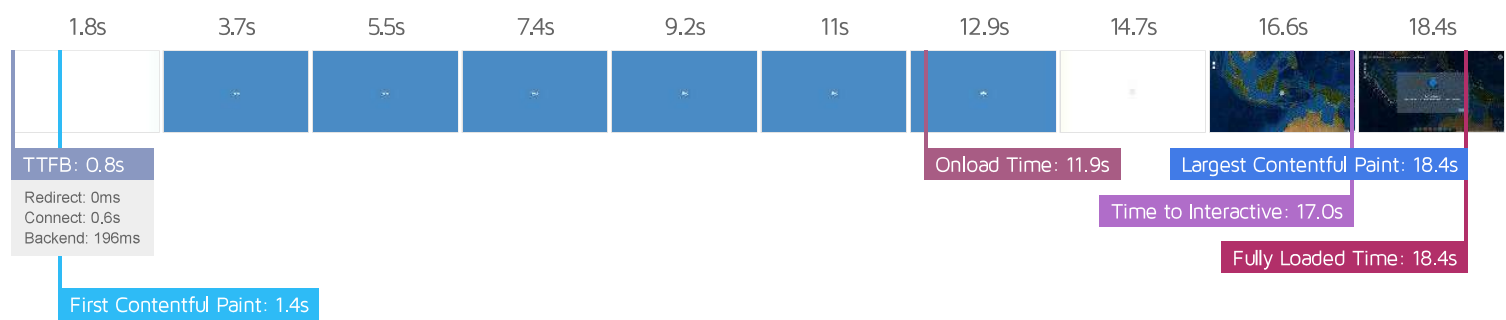
The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

WebGIS Batimetri Kelautan dan Lingkungan Pantai Indonesia









Performance Metrics

First Contentful Paint How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.	Longer than recommended 1.4s	Time to Interactive How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.	Much longer than recommended 17.0s
Speed Index How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.	Much longer than recommended 16.4s	Total Blocking Time How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.	OK, but consider improvement 170ms
Largest Contentful Paint How long it takes for the largest element of content (e.g. a hero image) to be painted on your page. A good user experience is 1.2s or less.	Much longer than recommended 18.4s	Cumulative Layout Shift How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.	Good - Nothing to do here 0.05

Browser Timings

Redirect	0ms	Connect	0.6s	Backend	196ms
TTFB	0.8s	First Paint	1.0s	DOM Int.	1.6s
DOM Loaded	1.6s	Onload	11.9s	Fully Loaded	18.4s

IMPACT	AUDIT	
High	Enable text compression	Potential savings of 3,440 KiB
High	Avoid enormous network payloads	Total size was 5,922 KiB
High	Avoid chaining critical requests	10 chains found
Med	Remove unused JavaScript	Potential savings of 2,164 KiB
Med	Serve static assets with an efficient cache policy	97 resources found
Med	Use a Content Delivery Network (CDN)	68 resources found
Med	Use HTTP/2 for all resources	143 requests not served via HTTP/2
Med-Low	Remove unused CSS	Potential savings of 821 KiB
Med-Low	Eliminate render-blocking resources	Potential savings of 210 ms
Low	Avoid long main-thread tasks	5 long tasks found
Low	Use passive listeners to improve scrolling performance	
Low	Serve images in next-gen formats	Potential savings of 337 KiB
Low	Preconnect to required origins	Potential savings of 70 ms
Low	Reduce JavaScript execution time	0.8 s
Low	Ensure text remains visible during webfont load	
Low	Avoid an excessive DOM size	279 elements
Low	Properly size images	Potential savings of 15 KiB
Low	Reduce initial server response time	Root document took 200 ms
Low	Avoid serving legacy JavaScript to modern browsers	Potential savings of 20 KiB
Low	Defer offscreen images	Potential savings of 8 KiB
Low	Avoid large layout shifts	2 elements found
Low	Minify CSS	Potential savings of 47 KiB

Low	Avoid non-composited animations	1 animated element found
Low	Minify JavaScript	Potential savings of 15 KiB
N/A	Largest Contentful Paint element	1 element found
N/A	Minimize main-thread work	1.6 s
N/A	Reduce the impact of third-party code	Third-party code blocked the main thread for 0 ms
N/A	Replace large JavaScript libraries with smaller alternatives	0 large libraries found
N/A	User Timing marks and measures	



Performance Report for:

<http://sakti.big.go.id/>

Report generated: Sun, Oct 11, 2020 9:11 PM -0700
Test Server Region: Vancouver, Canada
Using: Chrome (Desktop) 75.0.3770.100, PageSpeed 1.15-gt1.3, YSlow 3.1.8

PageSpeed Score

F(49%) ▾

YSlow Score

E(52%) ▾

Fully Loaded Time

5.9s ▲

Total Page Size

1.94MB ▲

Requests

54 ▲

Top 5 Priority Issues

Enable compression	F (0)	▼ AVG SCORE: 90%	SERVER	HIGH
Leverage browser caching	F (0)	▼ AVG SCORE: 64%	SERVER	HIGH
Minify CSS	E (53)	▼ AVG SCORE: 96%	CSS	HIGH
Optimize images	E (59)	▼ AVG SCORE: 74%	IMAGES	HIGH
Minify JavaScript	D (69)	▼ AVG SCORE: 90%	JS	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

CARBON60
THE MANAGED CLOUD COMPANY

GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 24 years experience in web technology.

<https://carbon60.com/>

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:

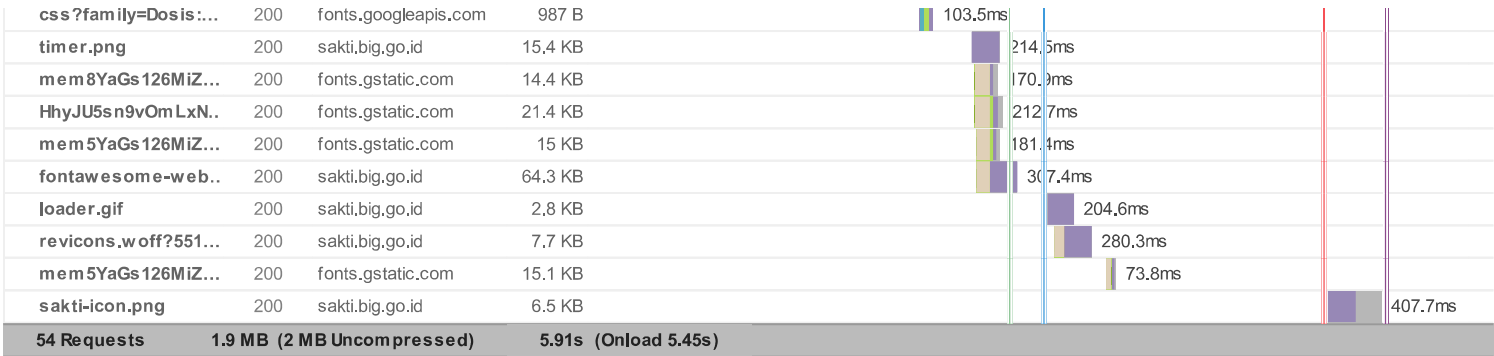
- **Executive:** Overall score information and Priority Issues
- **History:** Graphed history of past performance
- **Waterfall:** Graph of your site's loading timeline
- **Technical:** In-depth PageSpeed & YSlow information

These will provide you with a snapshot of your performance.

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.



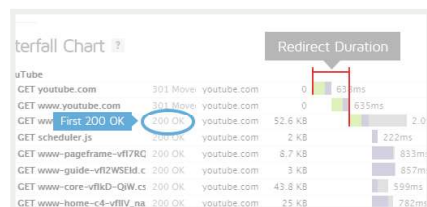


Page Load Timings

RUM Speed Index: 3,102

Redirect 0ms	Connect 437ms	Backend 209ms	TTFB 0.6s
First paint 3.1s	Contentful paint 3.1s	DOM int. 3.4s	DOM loaded 3.4s (144ms)
Onload 5.5s (9ms)			

Redirect duration



This is the time spent redirecting URLs before the final HTML page is loaded. Common redirects include:

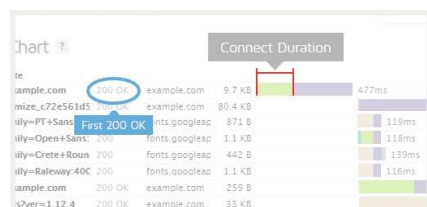
- Redirect from a non-www to www (eg. example.com to www.example.com)
- Redirect to a secure URL (eg. http:// to https://)
- Redirect to set cookies
- Redirect to a mobile version of the site

Some sites may even perform a chain of multiple redirects (eg. non-www to www, then to a secure URL). This timing is the total of all this time that's spent redirecting, or 0 if no redirects occurred.

In the Waterfall Chart, Redirect duration consists of the time from the beginning of the test until just before we start the request of the final HTML page (when we receive the first 200 OK response).

During this time, the browser screen is blank! Ensure that this duration is kept to short by [minimizing your redirects](#).

Connection duration



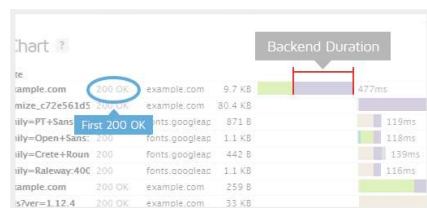
Once any redirects have completed, Connection duration is measured. This is the time spent connecting to the server to make the request to the page.

Technically speaking, this duration is a combination of the blocked time, DNS time, connect time and sending time of the request (rather than *just* connect time). We've combined those components into a single Connection duration to simplify things (as most of these times are usually small).

In the Waterfall Chart, Connection duration consists of everything up to and including the "Sending" time in the final HTML page request (the first 200 OK response).

During this time, the browser screen is still blank! Various causes could contribute to this, including a slow/problematic connection between the test server and site or slow response times from the site.

Backend duration

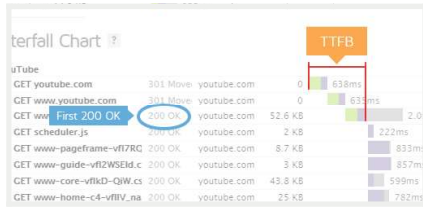


Once the connection is complete and the request is made, the server needs to generate a response for the page. The time it takes to generate the response is known as the Backend duration.

In the Waterfall Chart, Backend duration consists of purple waiting time in the page request.

There are a number of reasons why Backend duration could be slow. We cover this in our ["Why is my page slow"](#) article.

Time to First Byte (TTFB)

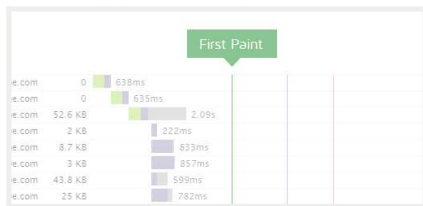


Time to First Byte (TTFB) is the total amount of time spent to receive the first byte of the response once it has been requested. It is the sum of "Redirect duration" + "Connection duration" + "Backend duration". This metric is one of the key indicators of web performance.

In the Waterfall Chart, it is calculated at the start of the test until just before receiving on the page request and represented by the orange line.

Some ways to improve the TTFB include: optimizing application code, implementing caching, fine-tuning your web server configuration, or upgrading server hardware.

First point time



First paint time is the first point at which the browser does any sort of rendering on the page. Depending on the structure of the page, this first paint could just be displaying the background colour (including white), or it could be a majority of the page being rendered.

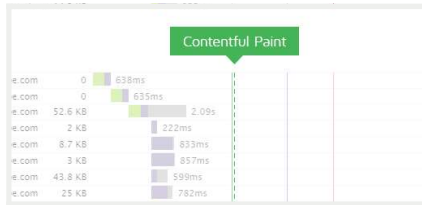
In the Waterfall Chart, it is represented by the green line.

This timing is of significance because until this point, the browser will have only shown a blank page and this change gives the user an indication that the page is loading. However, we don't know how much of the page was rendered with this paint, so having a early first paint doesn't necessarily

indicate a fast loading page.

If the browser does not perform a paint (ie. the html results in an blank page), then the paint timings may be missing.

First contentful paint time



First Contentful Paint is triggered when any *content* is painted - i.e. something defined in the DOM (Document Object Model). This could be text, an image or canvas render.

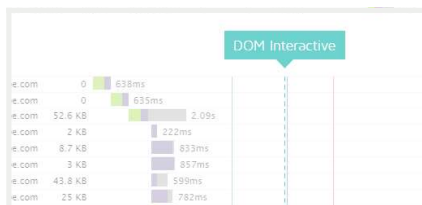
This timing aims to be more representative of your user's experience, as it flags when actual content has been loaded in the page, and not just any change - but it may often be the same time as First Paint.

Because the focus is on content, the idea is that this metric gives you an idea of when your user receives consumable information (text, visuals, etc) - much more useful for performance assessment

than when a background has changed or a style has been applied.

If the browser does not perform a paint (ie. the html results in an blank page), then the paint timings may be missing.

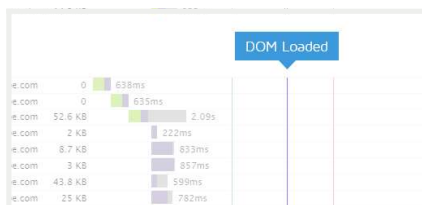
DOM interactive time



DOM interactive time is the point at which the browser has finished loading and parsing HTML, and the DOM (Document Object Model) has been built. The DOM is how the browser internally structures the HTML so that it can render it.

DOM interactive time isn't marked in the Waterfall Chart as it's usually very close in timing to DOM content loaded.

DOM content loaded time



DOM content loaded time (DOM loaded or DOM ready for short) is the point at which the DOM is ready (ie. DOM interactive) and there are no stylesheets blocking JavaScript execution.

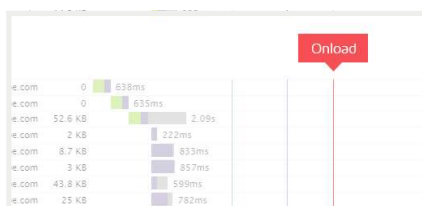
If there are no stylesheets blocking JavaScript execution and there is no parser blocking JavaScript, then this will be the same as DOM interactive time.

In the Waterfall Chart, it is represented by the blue line.

The time in brackets is the time spent executing JavaScript triggered by the DOM content loaded event. Many JavaScript frameworks use this event as a starting point to begin execution of their code.

Since this event is often used by JavaScript as the starting point and delays in this event mean delays in rendering, it's important to make sure that [style and script order is optimized](#) and that [parsing of JavaScript is deferred](#).

Onload time



Onload time occurs when the processing of the page is complete and all the resources on the page (images, CSS, etc.) have finished downloading. This is also the same time that DOM complete occurs and the JavaScript window.onload event fires.

Note that there may be JavaScript that initiates subsequent requests for more resources, hence the reason why Fully loaded timing is preferred.

In the Waterfall Chart, it is represented by the red line.

The time in brackets is the time spent executing JavaScript triggered by the Onload event.

Note that Onload time was the previous default for when to stop the test prior to February 8th, 2017.

PageSpeed Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Enable compression	F (0)	✓ AVG SCORE: 90%	SERVER	HIGH

Enable compression for the following resources to reduce their transfer size by 742.8KiB (76% reduction).

- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/style.css> could save 123.9KiB (86% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/js/jquery.themepunch.revolution.min.js> could save 83.5KiB (76% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/bootstrap.min.css> could save 63.8KiB (83% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery-1.11.2.min.js> could save 61.1KiB (65% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/js/jquery.themepunch.tools.min.js> could save 60.8KiB (65% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/css/settings.css> could save 58.9KiB (85% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/animate.min.css> could save 48.6KiB (93% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/all.js> could save 30.3KiB (83% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/isotope.pkgd.min.js> could save 28.5KiB (73% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/masonry.pkgd.min.js> could save 19.5KiB (70% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/owl.carousel.min.js> could save 17.4KiB (73% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/font-awesome.min.css> could save 16.5KiB (77% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/gmap3.min.js> could save 15.9KiB (64% reduction).
- Compressing <http://sakti.big.go.id/> could save 13.2KiB (81% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.magnific-popup.min.js> could save 13.1KiB (63% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/style-responsive.css> could save 12.5KiB (81% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/SmoothScroll.js> could save 9.2KiB (68% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/vertical-rhythm.min.css> could save 8.9KiB (85% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/bootstrap.min.js> could save 8.7KiB (68% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/magnific-popup.css> could save 5.7KiB (74% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/wow.min.js> could save 5.4KiB (66% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/et-line.css> could save 5.3KiB (76% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.sticky.js> could save 5.2KiB (72% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/owl.carousel.css> could save 4.7KiB (81% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/imagesloaded.pkgd.min.js> could save 4.5KiB (66% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.simple-text-rotator.min.js> could save 2.6KiB (73% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.easing.1.3.js> could save 2.5KiB (75% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/rev-slider.js> could save 1.9KiB (72% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.fitvids.js> could save 1.9KiB (59% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.ajaxchimp.min.js> could save 1.8KiB (60% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/contact-form.js> could save 1.7KiB (69% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.appear.js> could save 1.2KiB (54% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.scrollTo.min.js> could save 1.1KiB (47% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.viewport.mini.js> could save 844B (70% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.localScroll.min.js> could save 667B (46% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/rev-slider.css> could save 579B (57% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.countTo.js> could save 507B (53% reduction).
- Compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.parallax-1.1.3.js> could save 267B (44% reduction).

Leverage browser caching	F (0)	✓ AVG SCORE: 64%	SERVER	HIGH
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Leverage browser caching for the following cacheable resources:

- <http://sakti.big.go.id/assets/images/sakti-icon.png> (expiration not specified)
- <http://sakti.big.go.id/assets/images/sakti.png> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/animate.min.css> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/bootstrap.min.css> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/et-line.css> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/font-awesome.min.css> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/magnific-popup.css> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/owl.carousel.css> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/rev-slider.css> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/style-responsive.css> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/style.css> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/vertical-rhythm.min.css> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/SmoothScroll.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/all.js> (expiration not specified)

- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/bootstrap.min.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/contact-form.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/qmap3.min.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/imagesloaded.pkgd.min.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/isotope.pkgd.min.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery-1.11.2.min.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.ajaxchimp.min.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.appear.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.countTo.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.easing.1.3.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.fitvids.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.localScroll.min.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.magnific-popup.min.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.parallax-1.1.3.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.scrollTo.min.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.simple-text-rotator.min.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.sticky.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.viewport.mini.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/masonry.pkgd.min.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/owl.carousel.min.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/rev-slider.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/wow.min.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/assets/loader.gif> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/assets/timer.png> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/css/settings.css> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/js/jquery.themepunch.revolution.min.js> (expiration not specified)
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/js/jquery.themepunch.tools.min.js> (expiration not specified)
- http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-06-13-sakti1.JPG (expiration not specified)
- http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-08-09-sakti2.JPG (expiration not specified)
- http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-10-36-sakti3.JPG (expiration not specified)
- <https://maps.googleapis.com/maps/api/js?key=ALzaSyZsDkJFLS0b59q7cmW0EprwcfUA8d9dg> (30 minutes)

Minify CSS

E (53)

✓ AVG SCORE: 96%

CSS

HIGH

Minify CSS for the following resources to reduce their size by 57.5KiB (15% reduction).

- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/style.css> could save 30.3KiB (22% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/css/settings.css> could save 15.4KiB (23% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/style-responsive.css> could save 6.9KiB (45% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/magnific-popup.css> could save 1.6KiB (21% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/owl.carousel.css> could save 917B (16% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/et-line.css> could save 873B (13% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/rev-slider.css> could save 584B (58% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/bootstrap.min.css> could save 506B (1% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/font-awesome.min.css> could save 165B (1% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/animate.min.css> could save 146B (1% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/vertical-rhythm.min.css> could save 85B (1% reduction). See [optimized version](#).
- Minifying <http://fonts.googleapis.com/css?family=Open+Sans:400italic,700italic,400,300,700> could save 67B (8% reduction) after compression. See [optimized version](#).
- Minifying <http://fonts.googleapis.com/css?family=Dosis:300,400,700> could save 39B (9% reduction) after compression. See [optimized version](#).

Optimize images

E (59)

✓ AVG SCORE: 74%

IMAGES

HIGH

Optimize the following images to reduce their size by 49.6KiB (7% reduction).

- Losslessly compressing <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/assets/timer.png> could save 14.9KiB (99% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-10-36-sakti3.JPG could save 10.1KiB (3% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-06-13-sakti1.JPG could save 9.6KiB (4% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-08-09-sakti2.JPG could save 9.2KiB (7% reduction). See [optimized version](#).
- Losslessly compressing <http://sakti.big.go.id/assets/images/sakti.png> could save 3.2KiB (5% reduction). See [optimized version](#).

- Losslessly compressing <http://sakti.big.go.id/assets/images/sakti-icon.png> could save 2.5KiB (41% reduction). See [optimized version](#).

Minify JavaScript

D (69)



AVG SCORE: 90%

JS

HIGH

Minify JavaScript for the following resources to reduce their size by 36.8KiB (7% reduction).

- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/all.js> could save 16.9KiB (47% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/SmoothScroll.js> could save 6.7KiB (50% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.sticky.js> could save 3.2KiB (45% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/js/jquery.themepunch.tools.min.js> could save 2.7KiB (3% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/contact-form.js> could save 1.3KiB (55% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/rev-slider.js> could save 1.3KiB (49% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.fitvids.js> could save 1.1KiB (35% reduction). See [optimized version](#).
- Minifying <https://maps.googleapis.com/maps/api/js?key=AlzaSyAzsDkJFLS0b59q7cmW0EprwfcfUA8d9dg> could save 547B (2% reduction) after compression. See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.simple-text-rotator.min.js> could save 425B (12% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/bootstrap.min.js> could save 363B (3% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/gmap3.min.js> could save 334B (2% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/js/jquery.themepunch.revolution.min.js> could save 331B (1% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.appear.js> could save 287B (13% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.ajaxchimp.min.js> could save 206B (7% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/isotope.pkgd.min.js> could save 192B (1% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.scrollTo.min.js> could save 182B (8% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.localScroll.min.js> could save 169B (12% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/masonry.pkgd.min.js> could save 136B (1% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.magnific-popup.min.js> could save 129B (1% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/imagesloaded.pkgd.min.js> could save 117B (2% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery-1.11.2.min.js> could save 87B (1% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/wow.min.js> could save 86B (2% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.easing.1.3.js> could save 7B (1% reduction). See [optimized version](#).
- Minifying <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.viewport.mini.js> could save 1B (1% reduction). See [optimized version](#).

Inline small CSS

A (92)



AVG SCORE: 99%

CSS

HIGH

The following external resources have small response bodies. Inlining the response in HTML can reduce blocking of page rendering.

<http://sakti.big.go.id/> should inline the following small resources:

- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/rev-slider.css>

Inline small JavaScript

A (92)



AVG SCORE: 99%

JS

HIGH

The following external resources have small response bodies. Inlining the response in HTML can reduce blocking of page rendering.

<http://sakti.big.go.id/> should inline the following small resources:

- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.parallax-1.1.3.js>

Avoid CSS @import

A (92)



AVG SCORE: 98%

CSS

MEDIUM

The following external stylesheets were included in <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/style.css> using @import.

- <http://fonts.googleapis.com/css?family=Dosis:300,400,700>
- <http://fonts.googleapis.com/css?family=Open+Sans:400italic,700italic,400,300,700>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/et-line.css>

- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/font-awesome.min.css>

Specify a cache validator

A (98)



AVG SCORE: 95%

SERVER

HIGH

The following resources are missing a cache validator. Resources that do not specify a cache validator cannot be refreshed efficiently. Specify a Last-Modified or ETag header to enable cache validation for the following resources:

- <https://maps.googleapis.com/maps/api/js?key=AlzaSyAZsDkJLS0b59q7cmW0EprwfcfUA8d9dq>

Specify image dimensions

A (99)



AVG SCORE: 98%

IMAGES

MEDIUM

The following image(s) are missing width and/or height attributes.

- <http://sakti.big.go.id/assets/images/sakti.png> (Dimensions: 300 x 296)

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!

Defer parsing of JavaScript

A (100)



AVG SCORE: 72%

JS

HIGH

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

Enable Keep-Alive

A (100)



AVG SCORE: 99%

SERVER

HIGH

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

Minimize redirects

A (100)



AVG SCORE: 88%

CONTENT

HIGH

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

Minimize request size

A (100)



AVG SCORE: 99%

CONTENT

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: 91%

CONTENT

HIGH

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

Serve scaled images	A (100)	 AVG SCORE: 69%	IMAGES	HIGH
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You scored 100% on this recommendation - nothing to do here!

Combine images using CSS sprites	A (100)	 AVG SCORE: 98%	IMAGES	HIGH
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You scored 100% on this recommendation - nothing to do here!

Prefer asynchronous resources	A (100)	 AVG SCORE: 100%	JS	MEDIUM
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You scored 100% on this recommendation - nothing to do here!

Specify a character set early	A (100)	 AVG SCORE: 100%	CONTENT	MEDIUM
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You scored 100% on this recommendation - nothing to do here!

Avoid a character set in the meta tag	A (100)	 AVG SCORE: 100%	CONTENT	LOW
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You scored 100% on this recommendation - nothing to do here!

YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Add Expires headers	F (0)	✓ AVG SCORE: 31%	SERVER	HIGH

There are 46 static components without a far-future expiration date.

- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/bootstrap.min.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/style.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/style-responsive.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/animate.min.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/vertical-rhythm.min.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/owl.carousel.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/magnific-popup.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/rev-slider.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/css/settings.css>
- http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-06-13-sakti1.JPG
- http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-08-09-sakti2.JPG
- http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-10-36-sakti3.JPG
- <http://sakti.big.go.id/assets/images/sakti.png>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery-1.11.2.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.easing.1.3.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/bootstrap.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/SmoothScroll.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.scrollTo.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.localScroll.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.viewport.mini.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.countTo.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.appear.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.sticky.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.parallax-1.1.3.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.fitvids.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/owl.carousel.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/isotope.pkgd.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/imagesloaded.pkgd.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.magnific-popup.min.js>
- <https://maps.googleapis.com/maps/api/js?key=AlzaSyAZsDkJFLS0b59q7cmW0EprwfcfUA8d9dg>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/gmap3.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/wow.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/masonry.pkgd.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.simple-text-rotator.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/all.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/contact-form.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.ajaxchimp.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/js/jquery.themepunch.tools.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/js/jquery.themepunch.revolution.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/rev-slider.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/font-awesome.min.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/et-line.css>
- <http://fonts.googleapis.com/css?family=Open+Sans:400italic,700italic,400,300,700>
- <http://fonts.googleapis.com/css?family=Dosis:300,400,700>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/assets/timer.png>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/assets/loader.gif>

Make fewer HTTP requests	F (0)	✓ AVG SCORE: 75%	CONTENT	HIGH
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This page has 27 external Javascript scripts. Try combining them into fewer scripts.

This page has 13 external stylesheets. Try combining them into fewer stylesheets.

Compress components	F (0)	✓ AVG SCORE: 91%	SERVER	HIGH
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There are 38 plain text components that should be sent compressed

- <http://sakti.big.go.id/>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/bootstrap.min.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/style.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/style-responsive.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/animate.min.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/vertical-rhythm.min.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/owl.carousel.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/magnific-popup.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/rev-slider.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/css/settings.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery-1.11.2.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.easing.1.3.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/bootstrap.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/SmoothScroll.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.scrollTo.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.localScroll.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.viewport.mini.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.countTo.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.appear.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.sticky.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.parallax-1.1.3.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.fitvids.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/owl.carousel.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/isotope.pkgd.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/imagesloaded.pkgd.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.magnific-popup.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/qmap3.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/wow.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/masonry.pkgd.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.simple-text-rotator.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/all.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/contact-form.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.ajaxchimp.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/js/jquery.themepunch.tools.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/js/jquery.themepunch.revolution.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/rev-slider.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/font-awesome.min.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/et-line.css>

Use a Content Delivery Network (CDN)

F (0)



AVG SCORE: 32%

SERVER

MEDIUM

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

There are 43 static components that are not on CDN.

- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/bootstrap.min.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/style.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/style-responsive.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/animate.min.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/vertical-rhythm.min.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/owl.carousel.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/magnific-popup.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/rev-slider.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/css/settings.css>
- http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-06-13-sakti1.JPG
- http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-08-09-sakti2.JPG
- http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-10-36-sakti3.JPG
- <http://sakti.big.go.id/assets/images/sakti.png>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery-1.11.2.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.easing.1.3.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/bootstrap.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/SmoothScroll.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.scrollTo.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.localScroll.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.viewport.mini.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.countTo.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.appear.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.sticky.js>

- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.parallax-1.1.3.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.fitvids.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/owl.carousel.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/isotope.pkgd.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/imagesloaded.pkgd.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.magnific-popup.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/qmap3.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/wow.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/masonry.pkgd.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.simple-text-rotator.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/all.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/contact-form.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.ajaxchimp.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/js/jquery.themepunch.tools.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/js/jquery.themepunch.revolution.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/rev-slider.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/font-awesome.min.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/et-line.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/assets/timer.png>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/assets/loader.gif>

Use cookie-free domains

F (0)

♥ AVG SCORE: 57%

COOKIE

LOW

There are 40 components that are not cookie-free

- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/bootstrap.min.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/style.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/style-responsive.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/animate.min.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/vertical-rhythm.min.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/owl.carousel.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/magnific-popup.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/rev-slider.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/css/settings.css>
- <http://sakti.big.go.id/assets/images/sakti.png>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery-1.11.2.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.easing.1.3.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/bootstrap.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/SmoothScroll.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.scrollTo.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.localScroll.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.viewport.mini.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.countTo.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.appear.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.sticky.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.parallax-1.1.3.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.fitvids.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/owl.carousel.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/isotope.pkgd.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/imagesloaded.pkgd.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.magnific-popup.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/qmap3.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/wow.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/masonry.pkgd.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.simple-text-rotator.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/all.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/contact-form.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.ajaxchimp.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/js/jquery.themepunch.tools.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/js/jquery.themepunch.revolution.min.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/rev-slider.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/font-awesome.min.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/et-line.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/assets/timer.png>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/rs-plugin/assets/loader.gif>

Minify JavaScript and CSS

F (40)

♥ AVG SCORE: 72%

CSS/JS

MEDIUM

There are 6 components that can be minified

- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/css/stMe-responsive.css>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/SmoothScroll.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/jquery.sticky.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/all.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/contact-form.js>
- <http://sakti.big.go.id/assets/plugins/rhythm-2.9.6/js/rev-slider.js>

Avoid URL redirects

A (100)



AVG SCORE: 87%

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 AlphasLoader 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: 90%

CONTENT

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 DNS lookups

A (100)



AVG SCORE: 72%

CONTENT

LOW

- sakti.big.go.id: 42 components, 1081.5K
- sinar.big.go.id: 3 components, 755.8K
- maps.googleapis.com: 1 component, 124.4K (40.9K GZip)
- fonts.googleapis.com: 2 components, 15.3K (1.3K GZip)

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: 97%	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.				



Performance Report for: <http://sinar.big.go.id/>

Report generated: Sun, Oct 11, 2020 9:12 PM -0700

Test Server Region: Vancouver, Canada

Using: Chrome (Desktop) 75.0.3770.100, PageSpeed 1.15-gt1.3, YSlow 3.1.8

PageSpeed Score

F(6%) ▼

YSlow Score

F(49%) ▼

Fully Loaded Time

7.9s ▲

Total Page Size

7.41MB ▼

Requests

105 ▼

Top 5 Priority Issues

Enable compression	F (0)	▼	AVG SCORE: 90%	SERVER	HIGH
Serve scaled images	F (0)	▼	AVG SCORE: 69%	IMAGES	HIGH
Minify JavaScript	F (0)	▼	AVG SCORE: 90%	JS	HIGH
Leverage browser caching	F (0)	▼	AVG SCORE: 64%	SERVER	HIGH
Optimize images	F (0)	▼	AVG SCORE: 74%	IMAGES	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

CARBON60
THE MANAGED CLOUD COMPANY

GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 24 years experience in web technology.

<https://carbon60.com/>

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?

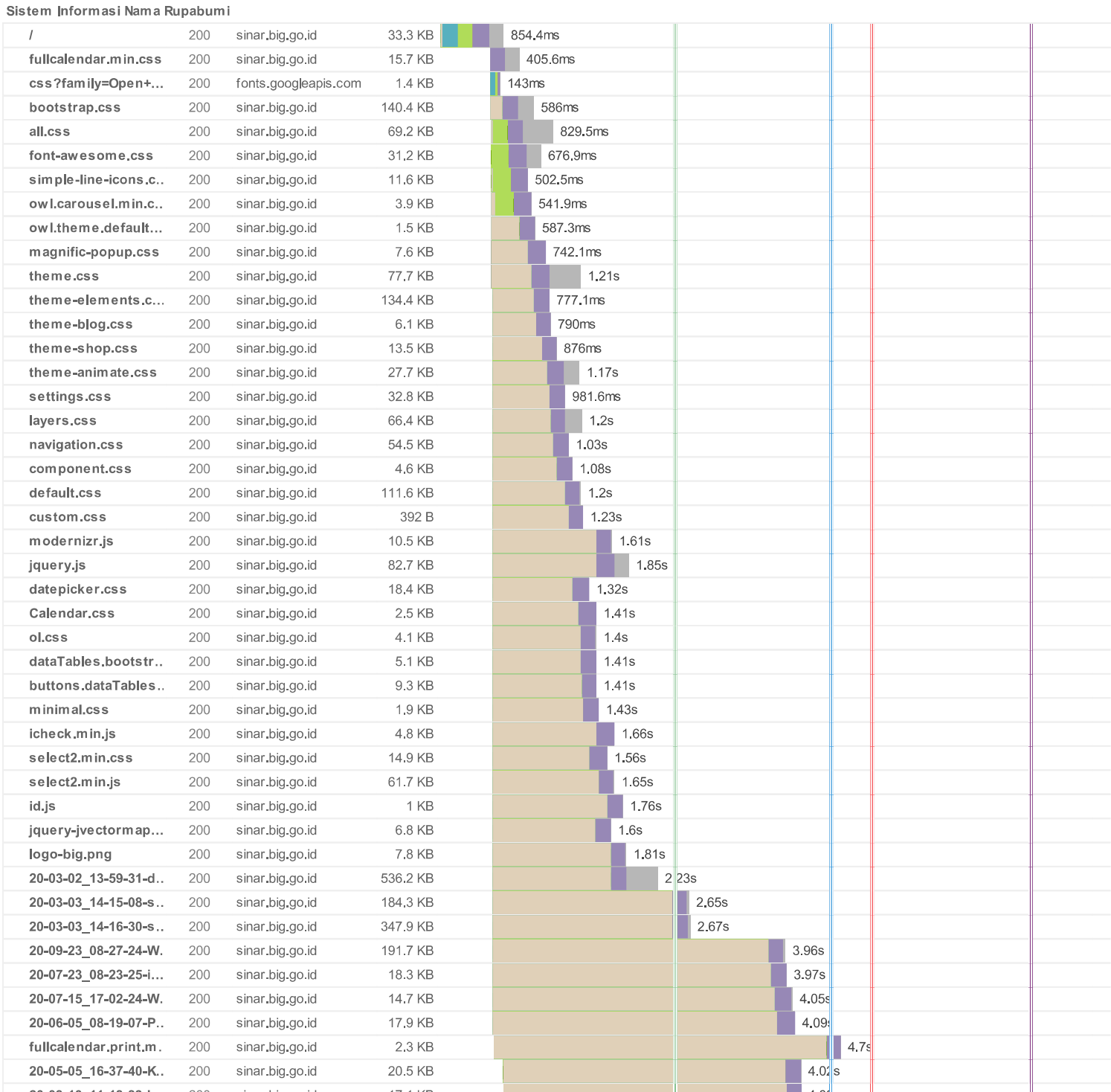
This report covers basic to technical analyses on your page. It is categorized under many headings:

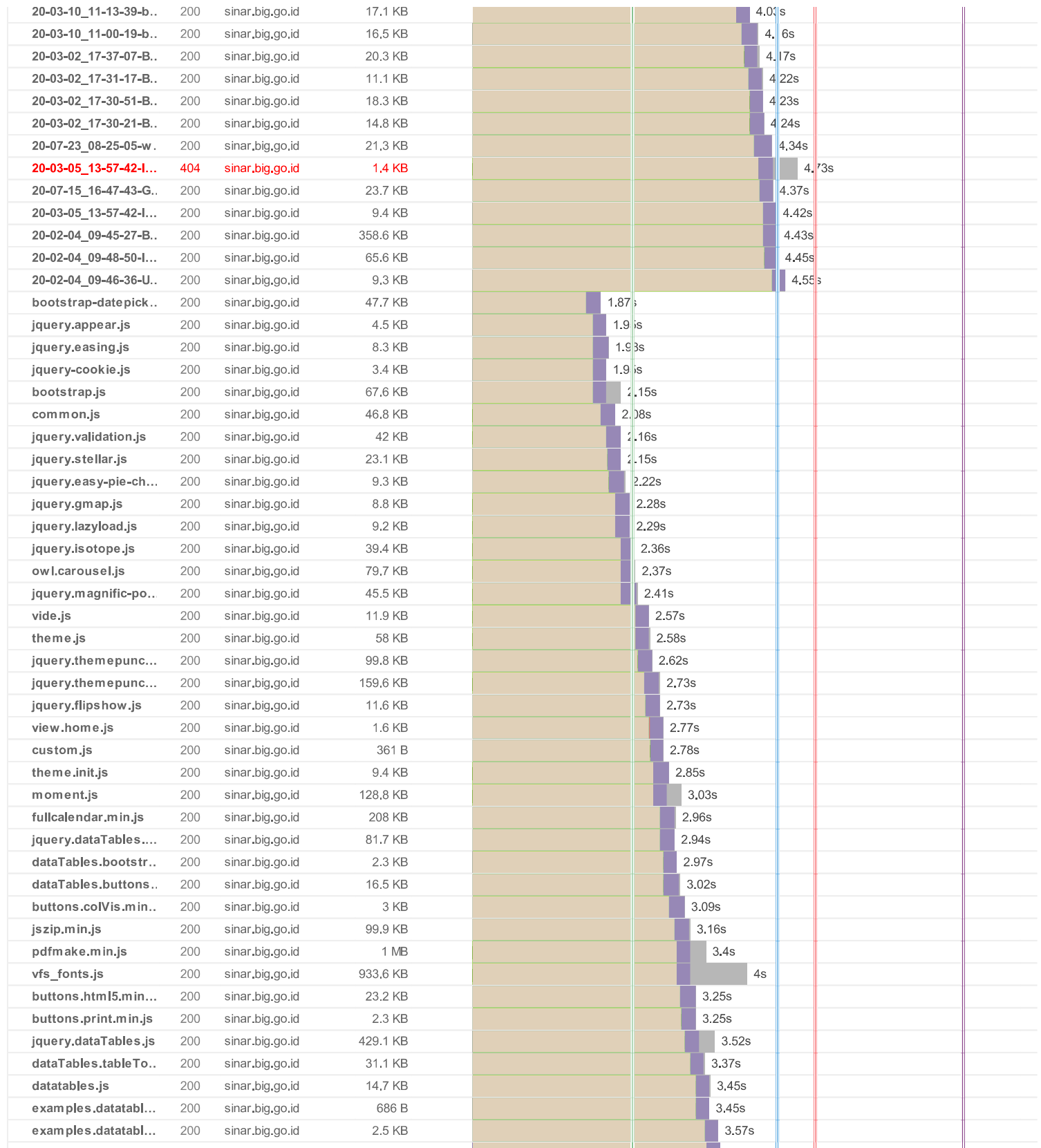
- **Executive:** Overall score information and Priority Issues
- **History:** Graphed history of past performance
- **Waterfall:** Graph of your site's loading timeline
- **Technical:** In-depth PageSpeed & YSlow information

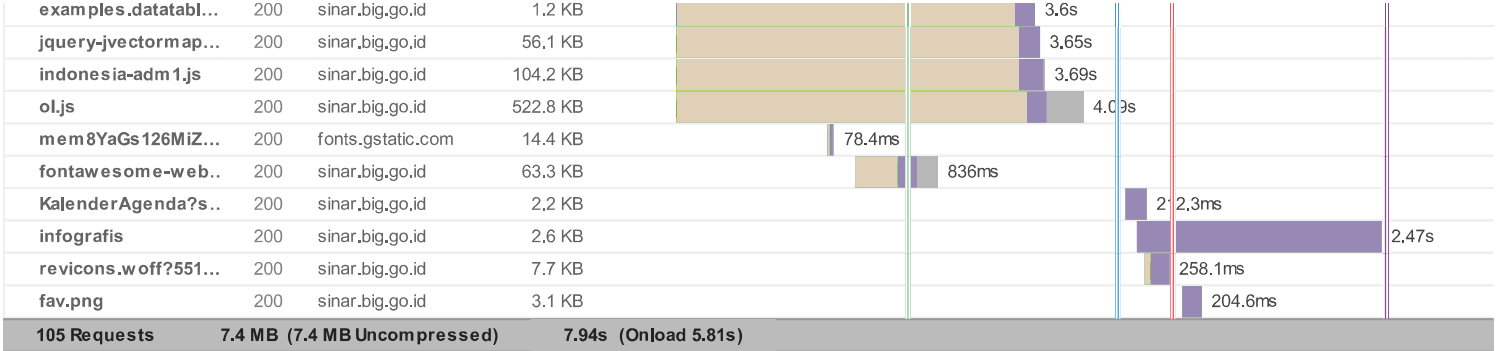
These will provide you with a snapshot of your performance.

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.





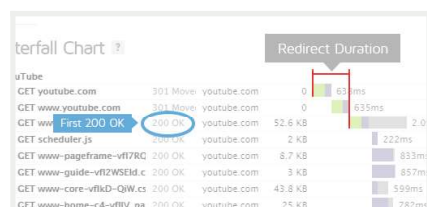


Page Load Timings

RUM Speed Index: 3,290

Redirect 0ms	Connect 437ms	Backend 215ms	TTFB 0.7s
First paint 3.1s	Contentful paint 3.1s	DOM int. 5.3s	DOM loaded 5.3s (312ms)
Onload 5.8s (69ms)			

Redirect duration



This is the time spent redirecting URLs before the final HTML page is loaded. Common redirects include:

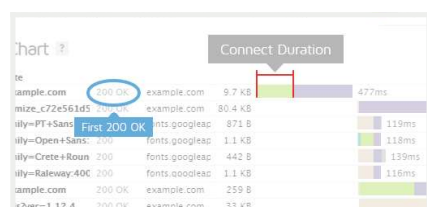
- Redirect from a non-www to www (eg. example.com to www.example.com)
- Redirect to a secure URL (eg. http:// to https://)
- Redirect to set cookies
- Redirect to a mobile version of the site

Some sites may even perform a chain of multiple redirects (eg. non-www to www, then to a secure URL). This timing is the total of all this time that's spent redirecting, or 0 if no redirects occurred.

In the Waterfall Chart, Redirect duration consists of the time from the beginning of the test until just before we start the request of the final HTML page (when we receive the first 200 OK response).

During this time, the browser screen is blank! Ensure that this duration is kept to short by [minimizing your redirects](#).

Connection duration



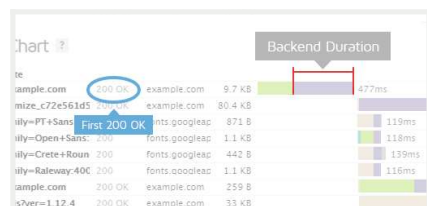
Once any redirects have completed, Connection duration is measured. This is the time spent connecting to the server to make the request to the page.

Technically speaking, this duration is a combination of the blocked time, DNS time, connect time and sending time of the request (rather than *just* connect time). We've combined those components into a single Connection duration to simplify things (as most of these times are usually small).

In the Waterfall Chart, Connection duration consists of everything up to and including the "Sending" time in the final HTML page request (the first 200 OK response).

During this time, the browser screen is still blank! Various causes could contribute to this, including a slow/problematic connection between the test server and site or slow response times from the site.

Backend duration

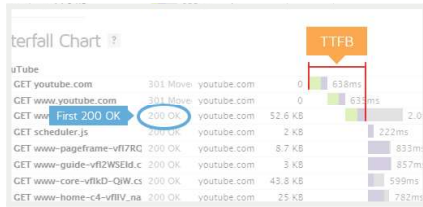


Once the connection is complete and the request is made, the server needs to generate a response for the page. The time it takes to generate the response is known as the Backend duration.

In the Waterfall Chart, Backend duration consists of purple waiting time in the page request.

There are a number of reasons why Backend duration could be slow. We cover this in our ["Why is my page slow"](#) article.

Time to First Byte (TTFB)

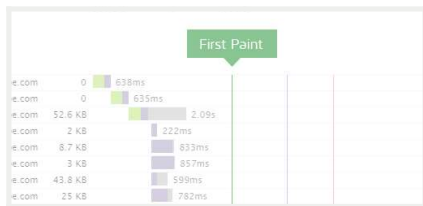


Time to First Byte (TTFB) is the total amount of time spent to receive the first byte of the response once it has been requested. It is the sum of "Redirect duration" + "Connection duration" + "Backend duration". This metric is one of the key indicators of web performance.

In the Waterfall Chart, it is calculated at the start of the test until just before receiving on the page request and represented by the orange line.

Some ways to improve the TTFB include: optimizing application code, implementing caching, fine-tuning your web server configuration, or upgrading server hardware.

First point time



First paint time is the first point at which the browser does any sort of rendering on the page. Depending on the structure of the page, this first paint could just be displaying the background colour (including white), or it could be a majority of the page being rendered.

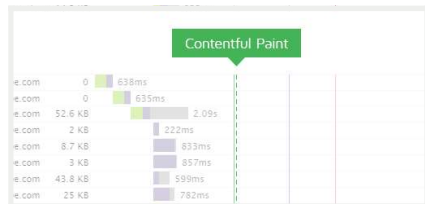
In the Waterfall Chart, it is represented by the green line.

This timing is of significance because until this point, the browser will have only shown a blank page and this change gives the user an indication that the page is loading. However, we don't know how much of the page was rendered with this paint, so having a early first paint doesn't necessarily

indicate a fast loading page.

If the browser does not perform a paint (ie. the html results in an blank page), then the paint timings may be missing.

First contentful paint time



First Contentful Paint is triggered when any *content* is painted - i.e. something defined in the DOM (Document Object Model). This could be text, an image or canvas render.

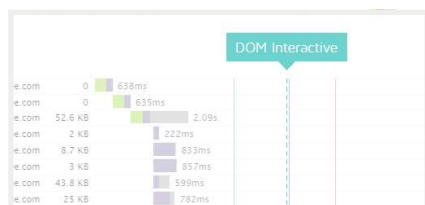
This timing aims to be more representative of your user's experience, as it flags when actual content has been loaded in the page, and not just any change - but it may often be the same time as First Paint.

Because the focus is on content, the idea is that this metric gives you an idea of when your user receives consumable information (text, visuals, etc) - much more useful for performance assessment

than when a background has changed or a style has been applied.

If the browser does not perform a paint (ie. the html results in an blank page), then the paint timings may be missing.

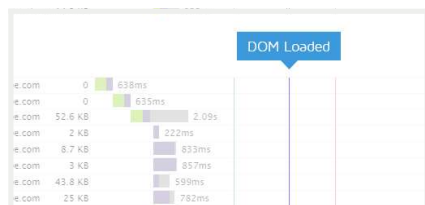
DOM interactive time



DOM interactive time is the point at which the browser has finished loading and parsing HTML, and the DOM (Document Object Model) has been built. The DOM is how the browser internally structures the HTML so that it can render it.

DOM interactive time isn't marked in the Waterfall Chart as it's usually very close in timing to DOM content loaded.

DOM content loaded time



DOM content loaded time (DOM loaded or DOM ready for short) is the point at which the DOM is ready (ie. DOM interactive) and there are no stylesheets blocking JavaScript execution.

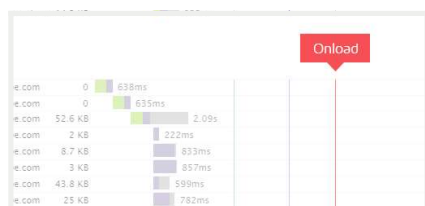
If there are no stylesheets blocking JavaScript execution and there is no parser blocking JavaScript, then this will be the same as DOM interactive time.

In the Waterfall Chart, it is represented by the blue line.

The time in brackets is the time spent executing JavaScript triggered by the DOM content loaded event. Many JavaScript frameworks use this event as a starting point to begin execution of their code.

Since this event is often used by JavaScript as the starting point and delays in this event mean delays in rendering, it's important to make sure that [style and script order is optimized](#) and that [parsing of JavaScript is deferred](#).

Onload time



Onload time occurs when the processing of the page is complete and all the resources on the page (images, CSS, etc.) have finished downloading. This is also the same time that DOM complete occurs and the JavaScript window.onload event fires.

Note that there may be JavaScript that initiates subsequent requests for more resources, hence the reason why Fully loaded timing is preferred.

In the Waterfall Chart, it is represented by the red line.

The time in brackets is the time spent executing JavaScript triggered by the Onload event.

Note that Onload time was the previous default for when to stop the test prior to February 8th, 2017.

PageSpeed Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Enable compression	F (0)	✓ AVG SCORE: 90%	SERVER	HIGH

Enable compression for the following resources to reduce their transfer size by 3.7MiB (68% reduction).

- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/pdfmake.min.js> could save 649.1KiB (61% reduction).
- Compressing http://sinar.big.go.id/assets/temp/assets/vendor/datatables/vfs_fonts.js could save 457.4KiB (50% reduction).
- Compressing <http://sinar.big.go.id/assets/Map/openlayers/ol.js> could save 370.7KiB (70% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/jquery-datatables/media/js/jquery.dataTables.js> could save 320.9KiB (74% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.min.js> could save 155.2KiB (74% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/bootstrap/css/bootstrap.css> could save 119.2KiB (85% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/js/jquery.themepunch.revolution.min.js> could save 118.0KiB (74% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/css/theme-elements.css> could save 113.6KiB (84% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/css/skins/default.css> could save 101.7KiB (91% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/moment/moment.js> could save 97.3KiB (75% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/jszip.min.js> could save 70.2KiB (70% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/owl.carousel/owl.carousel.js> could save 67.8KiB (65% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/css/theme.css> could save 65.9KiB (85% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/js/jquery.themepunch.tools.min.js> could save 65.4KiB (65% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/owl.carousel/owl.carousel.js> could save 62.2KiB (78% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/layers.css> could save 60.6KiB (91% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/fontawesome-free-5.11.2-web/css/all.css> could save 56.3KiB (81% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/js/jquery.dataTables.min.js> could save 53.7KiB (66% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/jquery/jquery.js> could save 53.5KiB (64% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/bootstrap/js/bootstrap.js> could save 53.5KiB (79% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/js/theme.js> could save 47.8KiB (82% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/navigation.css> could save 46.9KiB (86% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/select2/select2.min.js> could save 43.8KiB (71% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/ivectormap/jquery-ivectormap-2.0.3.min.js> could save 42.0KiB (75% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/bootstrap-datepicker/js/bootstrap-datepicker.js> could save 35.5KiB (74% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/common/common.js> could save 32.7KiB (70% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/magnific-popup/jquery.magnific-popup.js> could save 31.5KiB (69% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/jquery.validation/jquery.validation.js> could save 30.5KiB (73% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/isotope/jquery.isotope.js> could save 28.5KiB (73% reduction).
- Compressing <http://sinar.big.go.id/> could save 26.4KiB (80% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/settings.css> could save 25.4KiB (78% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/css/theme-animate.css> could save 24.9KiB (90% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/font-awesome/css/font-awesome.css> could save 24.6KiB (79% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/jquery-datatables/extras/TableTools/js/dataTables.tableTools.min.js> could save 21.7KiB (70% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/jquery.stellar/jquery.stellar.js> could save 18.0KiB (79% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.html5.min.js> could save 16.8KiB (73% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/bootstrap-datepicker/css/datepicker.css> could save 15.7KiB (87% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/select2/select2.min.css> could save 12.7KiB (87% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.min.css> could save 11.8KiB (77% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/jquery-datatables-bs3/assets/js/datatables.js> could save 11.6KiB (80% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/dataTables.buttons.min.js> could save 10.9KiB (67% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/css/theme-shop.css> could save 10.8KiB (81% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/simple-line-icons/css/simple-line-icons.css> could save 9.0KiB (79% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/vidoe/vidoe.js> could save 8.2KiB (71% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/js/theme.init.js> could save 8.0KiB (88% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/circle-flip-slideshow/js/jquery.flipshow.js> could save 7.7KiB (68% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.dataTables.min.css> could save 7.2KiB (80% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/jquery.lazyload/jquery.lazyload.js> could save 6.6KiB (74% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/jquery.gmap/jquery.gmap.js> could save 6.1KiB (72% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/jquery.easing/jquery.easing.js> could save 6.0KiB (75% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/jquery.easy-pie-chart/jquery.easy-pie-chart.js> could save 6.0KiB (66% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/modernizr/modernizr.js> could save 5.7KiB (56% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/magnific-popup/magnific-popup.css> could save 5.3KiB (73% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/css/theme-blog.css> could save 4.4KiB (76% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/css/dataTables.buttons.bootstrap.css> could save 3.7KiB (78% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/circle-flip-slideshow/css/component.css> could save 3.3KiB (77% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/ivectormap/jquery-ivectormap-2.0.3.css> could save 3.0KiB (47% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/jquery.appear/jquery.appear.js> could save 2.8KiB (67% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/owl.carousel/assets/owl.carousel.min.css> could save 2.6KiB (75% reduction).

- Compressing <http://sinar.big.go.id/assets/Map/openlayers/ol.css> could save 2.6KiB (69% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/iCheck/icheck.min.js> could save 2.3KiB (52% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.colVis.min.js> could save 1.7KiB (65% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/jquery-cookie/jquery-cookie.js> could save 1.7KiB (56% reduction).
- Compressing <http://sinar.big.go.id/Web/infografis> could save 1.6KiB (75% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/css/Calendar.css> could save 1.5KiB (68% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.print.min.css> could save 1.3KiB (67% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/ijavascripts/tables/examples.datatables.row.with.details.js> could save 1.2KiB (56% reduction).
- Compressing http://sinar.big.go.id/Web/KalenderAgenda?start=2020-09-27&end=2020-11-08&_id=1602475968761 could save 1.2KiB (70% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/iCheck/Minimal/minimal.css> could save 1.1KiB (71% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.print.min.js> could save 974B (50% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/js/dataTables.bootstrap.min.js> could save 903B (46% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/vendor/owl.carousel/assets/owl.theme.default.min.css> could save 739B (64% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/js/Views/View.home.js> could save 692B (53% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/ijavascripts/tables/examples.datatables.tabletools.js> could save 405B (48% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/vendor/select2/i18n/id.js> could save 302B (44% reduction).
- Compressing <http://sinar.big.go.id/assets/temp/assets/ijavascripts/tables/examples.datatables.default.js> could save 77B (24% reduction).

Serve scaled images

F (0)



AVG SCORE: 69%

IMAGES

HIGH

The following images are resized in HTML or CSS. Serving scaled images could save 708.3KiB (94% reduction).

- http://sinar.big.go.id/assets/file/link/20-02-04_09-45-27-Badan_Informasi_Geospasial_logo1.png is resized in HTML or CSS from 4857x5546 to 50x57. Serving a scaled image could save 358.2KiB (99% reduction).
- http://sinar.big.go.id/assets/file/berita/20-09-23_08-27-24-Workshop.jpg is resized in HTML or CSS from 1125x751 to 350x234. Serving a scaled image could save 172.8KiB (90% reduction).
- http://sinar.big.go.id/assets/file/link/20-02-04_09-48-50-logo-sakti.png is resized in HTML or CSS from 300x296 to 50x49. Serving a scaled image could save 63.4KiB (97% reduction).
- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-07-15_16-47-43-GWS_08.jpg is resized in HTML or CSS from 245x160 to 90x59. Serving a scaled image could save 20.2KiB (86% reduction).
- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-07-23_08-25-05-why-us-2.png is resized in HTML or CSS from 245x160 to 90x59. Serving a scaled image could save 18.1KiB (86% reduction).
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-05-05_16-37-40-Kota-Pekalongan.jpg is resized in HTML or CSS from 245x160 to 90x59. Serving a scaled image could save 17.4KiB (86% reduction).
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-07-23_08-23-25-id-5f1839acdabe1.jpeg is resized in HTML or CSS from 245x160 to 90x59. Serving a scaled image could save 15.5KiB (86% reduction).
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-06-05_08-19-07-Penelaahan-Pusat-2.jpg is resized in HTML or CSS from 245x160 to 90x59. Serving a scaled image could save 15.2KiB (86% reduction).
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-07-15_17-02-24-WhatsApp-Image-2020-07-10-at-11_06_18.jpeg is resized in HTML or CSS from 245x160 to 90x59. Serving a scaled image could save 12.4KiB (86% reduction).
- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-03-05_13-57-42-logo-big-32.JPG is resized in HTML or CSS from 245x160 to 90x59. Serving a scaled image could save 7.8KiB (86% reduction).
- http://sinar.big.go.id/assets/file/link/20-02-04_09-46-36-UNGEKN.jpg is resized in HTML or CSS from 119x99 to 50x42. Serving a scaled image could save 7.3KiB (82% reduction).

Minify JavaScript

F (0)



AVG SCORE: 90%

JS

HIGH

Minify JavaScript for the following resources to reduce their size by 537.1KiB (12% reduction).

- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/jquery-datatables/media/js/jquery.dataTables.js> could save 302.6KiB (70% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/moment/moment.js> could save 44.8KiB (35% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/owl.carousel/owl.carousel.js> could save 30.0KiB (38% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/common/common.js> could save 23.4KiB (50% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/bootstrap/js/bootstrap.js> could save 21.6KiB (33% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/js/theme.js> could save 17.2KiB (30% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/magnific-popup/jquery.magnific-popup.js> could save 16.2KiB (36% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/jquery.validation/jquery.validation.js> could save 15.0KiB (36% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/bootstrap-datepicker/js/bootstrap-datepicker.js> could save 14.9KiB (32% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/vide/vide.js> could save 5.4KiB (48% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/jquery.stellar/jquery.stellar.js> could save 5.1KiB (23% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/jquery.easing/jquery.easing.js> could save 4.4KiB (55% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/jquery.lazyload/jquery.lazyload.js> could save 4.4KiB (50% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/circle-flip-slideshow/js/jquery.flipshow.js> could save 4.3KiB (38% reduction). See [optimized version](#).

- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/jquery-datatables-bs3/assets/js/datatables.js> could save 3.7KiB (26% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/jquery.easy-pie-chart/jquery.easy-pie-chart.js> could save 3.6KiB (41% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/jquery.gmap/jquery.gmap.js> could save 3.6KiB (43% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/js/jquery.themepunch.tools.min.js> could save 2.8KiB (3% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/js/jquery.themepunch.revolution.min.js> could save 2.7KiB (2% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/jquery.appear/jquery.appear.js> could save 2.6KiB (63% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/js/theme.init.js> could save 2.4KiB (27% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/jquery-cookie/jquery-cookie.js> could save 1.3KiB (42% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/Map/openlayers/ol.js> could save 1.3KiB (1% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/jasvascripts/tables/examples.datatables.row.with.details.js> could save 672B (32% reduction). See [optimize d version](#).
- Minifying <http://sinar.big.go.id/assets/temp/js/views/view.home.js> could save 443B (35% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/js/zip.min.js> could save 389B (1% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/jasvascripts/tables/examples.datatables.tabletools.js> could save 360B (43% reduction). See [optimized vers ion](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/jquery-datatables/extras/TableTools/js/dataTables.tableTools.min.js> could save 272B (1% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/js/jquery.dataTables.min.js> could save 247B (1% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/modernizr/modernizr.js> could save 247B (3% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/isotope/jquery.isotope.js> could save 203B (1% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/leaflet/leaflet.js> could save 198B (1% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/jasvascripts/tables/examples.datatables.default.js> could save 172B (53% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/pdfmake.min.js> could save 133B (1% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/dataTables.buttons.min.js> could save 117B (1% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.html5.min.js> could save 104B (6% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.min.js> could save 102B (1% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/jquery/jquery.js> could save 90B (1% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/iCheck/iCheck.min.js> could save 84B (2% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/select2/select2.min.js> could save 82B (12% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/select2/select2.min.js> could save 81B (1% reduction). See [optimized version](#).
- Minifying http://sinar.big.go.id/assets/temp/assets/vendor/datatables/vfs_fonts.js could save 28B (1% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.html5.min.js> could save 27B (1% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.colVis.min.js> could save 6B (1% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.print.min.js> could save 4B (1% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/leaflet/leaflet.js> could save 1B (1% reduction). See [optimized version](#).

Leverage browser caching

F (0)



AVG SCORE: 64%

SERVER

HIGH

Leverage browser caching for the following cacheable resources:

- <http://sinar.big.go.id/assets/Map/openlayers/ol.css> (expiration not specified)
- <http://sinar.big.go.id/assets/Map/openlayers/ol.js> (expiration not specified)
- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-03-05_13-57-42-logo-big-32.JPG (expiration not specified)
- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-07-15_16-47-43-GWS_08.jpg (expiration not specified)
- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-07-23_08-25-05-why-us-2.png (expiration not specified)
- http://sinar.big.go.id/assets/file/berita/20-09-23_08-27-24-Workshop.jpg (expiration not specified)
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-05-05_16-37-40-Kota-Pekalongan.jpg (expiration not specified)
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-06-05_08-19-07-Penelaahan-Pusat-2.jpg (expiration not specified)
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-07-15_17-02-24-WhatsApp-Image-2020-07-10-at-11_06_18.jpeg (expiration not specified)
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-07-23_08-23-25-id-5f1839acdabe1.jpeg (expiration not specified)
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-30-21-Bimtek-2-P.JPG (expiration not specified)
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-30-51-Bimtek-2.JPG (expiration not specified)
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-31-17-Bimtek-1.JPG (expiration not specified)
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-37-07-Bimtek-Sukabumi.jpeg (expiration not specified)
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-10_11-00-19-bantul-1.JPG (expiration not specified)
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-10_11-13-39-bantul-3.JPG (expiration not specified)
- http://sinar.big.go.id/assets/file/link/20-02-04_09-45-27-Badan_Informasi_Geospasial_logo1.png (expiration not specified)
- http://sinar.big.go.id/assets/file/link/20-02-04_09-46-36-UNGEgn.jpg (expiration not specified)
- http://sinar.big.go.id/assets/file/link/20-02-04_09-48-50-logo-sakti.png (expiration not specified)
- http://sinar.big.go.id/assets/file/slideshow/20-03-02_13-59-31-dji1556279906181crop.jpg (expiration not specified)
- http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-15-08-sinar1.JPG (expiration not specified)
- http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-16-30-sinar2.JPG (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/jasvascripts/tables/examples.datatables.default.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/jasvascripts/tables/examples.datatables.row.with.details.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/jasvascripts/tables/examples.datatables.tabletools.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/bootstrap-datepicker/css/datepicker.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/bootstrap-datepicker/js/bootstrap-datepicker.js> (expiration not specified)

- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.colVis.min.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.dataTables.min.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.html5.min.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.print.min.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/css/dataTables.bootstrap.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/dataTables.buttons.min.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/js/dataTables.bootstrap.min.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/js/jquery.dataTables.min.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/js/zip.min.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/pdfmake.min.js> (expiration not specified)
- http://sinar.big.go.id/assets/temp/assets/vendor/datatables/vfs_fonts.js (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/iCheck/icheck.min.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/iCheck/Minimal/minimal.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/jquery-datatables-bs3/assets/js/datatables.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/jquery-datatables-extras/TableTools/js/dataTables.tableTools.min.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/jquery-datatables-media/js/jquery.dataTables.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/vectormap/jquery-vectormap-2.0.3.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/vectormap/jquery-vectormap-2.0.3.min.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/vectormap/maps/indonesia-adm1.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/select2/i18n/id.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/select2/select2.min.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/assets/vendor/select2/select2.min.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/css/Calendar.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/css/custom.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/css/skins/default.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/css/theme-animate.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/css/theme-blog.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/css/theme-elements.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/css/theme-shop.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/css/theme.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/images/fav.png> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/img/logo-big.png> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/js/custom.js> (expiration not specified)
- http://sinar.big.go.id/assets/temp/js/theme_init.js (expiration not specified)
- <http://sinar.big.go.id/assets/temp/js/theme.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/js/Views/View.home.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/bootstrap/css/bootstrap.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/bootstrap/js/bootstrap.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/circle-flip-slideshow/css/component.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/circle-flip-slideshow/js/jquery.flipshow.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/common/common.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/font-awesome/css/font-awesome.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/font-awesome-free-5.11.2-web/css/all.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.min.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.min.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.print.min.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/isotope/jquery.isotope.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/jquery-cookie/jquery-cookie.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/jquery.appear/jquery.appear.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/jquery.easing/jquery.easing.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/jquery.easy-pie-chart/jquery.easy-pie-chart.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/jquery.gmap/jquery.gmap.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/jquery.lazyload/jquery.lazyload.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/jquery.stellar/jquery.stellar.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/jquery.validation/jquery.validation.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/jquery/jquery.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/magnific-popup/jquery.magnific-popup.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/magnific-popup/magnific-popup.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/modernizr/modernizr.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/moment/moment.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/owl.carousel/assets/owl.carousel.min.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/owl.carousel/assets/owl.carousel.min.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/layers.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/navigation.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/settings.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/js/jquery.themepunch.revolution.min.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/js/jquery.themepunch.tools.min.js> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/simple-line-icons/css/simple-line-icons.css> (expiration not specified)
- <http://sinar.big.go.id/assets/temp/vendor/vid/vid.js> (expiration not specified)

Optimize images

F (0)



AVG SCORE: 74%

IMAGES

HIGH

Optimize the following images to reduce their size by 246.8KiB (13% reduction).

- Losslessly compressing http://sinar.big.go.id/assets/file/link/20-02-04_09-45-27-Badan_Informasi_Geospasial_logo1.png could save 157.2KiB (44% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/slideshow/20-03-02_13-59-31-dji1556279906181crop.jpg could save 48.8KiB (10% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-16-30-sinar2.JPG could save 10.3KiB (3% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-15-08-sinar1.JPG could save 8.7KiB (5% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/agenda/thumbnail/20-07-23_08-25-05-why-us-2.png could save 4.7KiB (23% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/link/20-02-04_09-48-50-logo-sakti.png could save 3.2KiB (5% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/berita/20-09-23_08-27-24-Workshop.jpg could save 3.0KiB (2% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/agenda/thumbnail/20-07-15_16-47-43-GWS_08.jpg could save 1.1KiB (5% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-30-51-Bimtek-2.JPG could save 1.0KiB (6% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/agenda/thumbnail/20-03-05_13-57-42-logo-big-32.JPG could save 1.0KiB (12% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-37-07-Bimtek-Sukabumi.jpeg could save 987B (5% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-10_11-00-19-bantul-1.JPG could save 942B (6% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/berita/thumbnail/20-07-23_08-23-25-id-5f1839acdabe1.jpeg could save 903B (5% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/link/20-02-04_09-46-36-UNGEgn.jpg could save 877B (10% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/berita/thumbnail/20-05-05_16-37-40-Kota-Pekalongan.jpg could save 756B (4% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/berita/thumbnail/20-06-05_08-19-07-Penelaahan-Pusat-2.jpg could save 737B (5% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-10_11-13-39-bantul-3.JPG could save 699B (5% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/berita/thumbnail/20-07-15_17-02-24-WhatsApp-Image-2020-07-10-at-11_06_18.jpeg could save 658B (5% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-30-21-Bimtek-2-P.JPG could save 583B (4% reduction). See [optimized version](#).
- Losslessly compressing http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-31-17-Bimtek-1.JPG could save 541B (5% reduction). See [optimized version](#).
- Losslessly compressing <http://sinar.big.go.id/assets/temp/img/logo-big.png> could save 308B (5% reduction). See [optimized version](#).
- Losslessly compressing <http://sinar.big.go.id/assets/temp/images/fav.png> could save 82B (3% reduction). See [optimized version](#).

Minify CSS

F (24)



AVG SCORE: 96%

CSS

HIGH

Minify CSS for the following resources to reduce their size by 100.1KiB (12% reduction).

- Minifying <http://sinar.big.go.id/assets/temp/css/theme-elements.css> could save 16.9KiB (13% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/bootstrap/css/bootstrap.css> could save 12.9KiB (10% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/navigation.css> could save 10.7KiB (20% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/fontawesome-free-5.11.2-web/css/all.css> could save 10.6KiB (16% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/layers.css> could save 9.4KiB (15% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/css/theme.css> could save 8.6KiB (12% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/settings.css> could save 6.7KiB (21% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/css/skins/default.css> could save 6.2KiB (6% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/css/theme-animate.css> could save 4.8KiB (18% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/font-awesome/css/font-awesome.css> could save 3.6KiB (12% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/css/theme-shop.css> could save 1.8KiB (14% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/bootstrap-datepicker/css/datepicker.css> could save 1.7KiB (10% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/simple-line-icons/css/simple-line-icons.css> could save 1.7KiB (15% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/magnific-popup/magnific-popup.css> could save 1.2KiB (17% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/css/theme-blog.css> could save 945B (16% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/circle-flip-slideshow/css/component.css> could save 732B (17% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/jquery-jvectormap-2.0.3.css> could save 470B (8% reduction). See [optimized version](#).

- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/css/dataTables.bootstrap.css> could save 448B (10% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/iCheck/minimal/minimal.css> could save 429B (28% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.print.min.css> could save 209B (11% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.min.css> could save 98B (1% reduction). See [optimized version](#).
- Minifying <http://fonts.googleapis.com/css?family=Open+Sans:300,400,600,700,800%7CShadows+Into+Light> could save 67B (8% reduction) after compression. See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/css/custom.css> could save 43B (100% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.dataTables.min.css> could save 2B (1% reduction). See [optimized version](#).
- Minifying <http://sinar.big.go.id/assets/temp/css/Calendar.css> could save 2B (1% reduction). See [optimized version](#).

Inline small JavaScript

D (67)



AVG SCORE: 99%

JS

HIGH

The following external resources have small response bodies. Inlining the response in HTML can reduce blocking of page rendering.

<http://sinar.big.go.id/> should inline the following small resources:

- <http://sinar.big.go.id/assets/temp/assets/javascripts/tables/examples/datatables.default.js>
- <http://sinar.big.go.id/assets/temp/assets/javascripts/tables/examples/datatables.tabletools.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/select2/i18n/id.js>
- <http://sinar.big.go.id/assets/temp/js/custom.js>

Defer parsing of JavaScript

B (88)



AVG SCORE: 72%

JS

HIGH

138.0KiB of JavaScript is parsed during initial page load. Defer parsing JavaScript to reduce blocking of page rendering.

- <http://sinar.big.go.id/assets/temp/vendor/jquery/jquery.js> (76.1KiB)
- <http://sinar.big.go.id/assets/temp/assets/vendor/select2/select2.min.js> (48.5KiB)
- <http://sinar.big.go.id/assets/temp/vendor/modernizr/modernizr.js> (8.5KiB)
- <http://sinar.big.go.id/assets/temp/assets/vendor/iCheck/ichack.min.js> (3.6KiB)
- <http://sinar.big.go.id/> (772B of inline JavaScript)
- <http://sinar.big.go.id/assets/temp/assets/vendor/select2/i18n/id.js> (475B)

Avoid bad requests

A (92)



AVG SCORE: 98%

CONTENT

HIGH

The following requests are returning 404/410 responses. Either fix the broken links, or remove the references to the non-existent resources.

- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-03-05_13-57-42-logo-big-32.ifif

Inline small CSS

A (92)



AVG SCORE: 99%

CSS

HIGH

The following external resources have small response bodies. Inlining the response in HTML can reduce blocking of page rendering.

<http://sinar.big.go.id/> should inline the following small resources:

- <http://sinar.big.go.id/assets/temp/css/custom.css>

Specify image dimensions

A (97)



AVG SCORE: 98%

IMAGES

MEDIUM

The following image(s) are missing width and/or height attributes.

- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-03-05_13-57-42-logo-big-32.JPG (Dimensions: 245 x 160)
- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-03-05_13-57-42-logo-big-32.ifif
- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-07-15_16-47-43-GWS_08.jpg (Dimensions: 245 x 160)
- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-07-23_08-25-05-why-us-2.png (Dimensions: 245 x 160)

- http://sinar.big.go.id/assets/file/berita/20-09-23_08-27-24-Workshop.jpg (Dimensions: 1125 x 751)
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-05-05_16-37-40-Kota-Pekalongan.jpg (Dimensions: 245 x 160)
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-06-05_08-19-07-Penelaahan-Pusat-2.jpg (Dimensions: 245 x 160)
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-07-15_17-02-24-WhatsApp-Image-2020-07-10-at-11_06_18.jpeg (Dimensions: 245 x 160)
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-07-23_08-23-25-id-5f1839acdabe1.jpeg (Dimensions: 245 x 160)
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-30-21-Bimtek-2-P.JPG (Dimensions: 160 x 163)
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-30-51-Bimtek-2.JPG (Dimensions: 160 x 163)
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-31-17-Bimtek-1.JPG (Dimensions: 160 x 163)
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-37-07-Bimtek-Sukabumi.jpeg (Dimensions: 160 x 163)
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-10_11-00-19-bantul-1.JPG (Dimensions: 160 x 163)
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-10_11-13-39-bantul-3.JPG (Dimensions: 160 x 163)
- http://sinar.big.go.id/assets/file/link/20-02-04_09-45-27-Badan_Informasi_Geospasial_logo1.png (Dimensions: 4857 x 5546)
- http://sinar.big.go.id/assets/file/link/20-02-04_09-46-36-UNGEGN.jpg (Dimensions: 119 x 99)
- http://sinar.big.go.id/assets/file/link/20-02-04_09-48-50-logo-sakti.png (Dimensions: 300 x 296)

Specify a character set early

A (99)



AVG SCORE: 100%

CONTENT

MEDIUM

The following resources have no character set specified in their HTTP headers. Specifying a character set in HTTP headers can speed up browser rendering.

- <http://sinar.big.go.id/assets/temp/vendor/font-awesome/fonts/fontawesome-webfont.woff2?v=4.4.0>

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: 99%

SERVER

HIGH

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

Minimize redirects

A (100)



AVG SCORE: 88%

CONTENT

HIGH

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

Minimize request size

A (100)



AVG SCORE: 99%

CONTENT

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: 91%

CONTENT

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!

Combine images using CSS sprites	A (100)	AVG SCORE: 98%	IMAGES	HIGH
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You scored 100% on this recommendation - nothing to do here!

Avoid CSS @import	A (100)	AVG SCORE: 98%	CSS	MEDIUM
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You scored 100% on this recommendation - nothing to do here!

Prefer asynchronous resources	A (100)	AVG SCORE: 100%	JS	MEDIUM
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You scored 100% on this recommendation - nothing to do here!

Avoid a character set in the meta tag	A (100)	AVG SCORE: 100%	CONTENT	LOW
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You scored 100% on this recommendation - nothing to do here!

YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Add Expires headers	F (0)	✓ AVG SCORE: 31%	SERVER	HIGH

There are 97 static components without a far-future expiration date.

- <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.min.css>
- <http://fonts.googleapis.com/css?family=Open+Sans:300,400,600,700,800%7CShadows+Into+Light>
- <http://sinar.big.go.id/assets/temp/vendor/bootstrap/css/bootstrap.css>
- <http://sinar.big.go.id/assets/temp/vendor/fontawesome-free-5.11.2-web/css/all.css>
- <http://sinar.big.go.id/assets/temp/vendor/font-awesome/css/font-awesome.css>
- <http://sinar.big.go.id/assets/temp/vendor/simple-line-icons/css/simple-line-icons.css>
- <http://sinar.big.go.id/assets/temp/vendor/owl.carousel/assets/owl.carousel.min.css>
- <http://sinar.big.go.id/assets/temp/vendor/owl.carousel/assets/owl.theme.default.min.css>
- <http://sinar.big.go.id/assets/temp/vendor/magnific-popup/magnific-popup.css>
- <http://sinar.big.go.id/assets/temp/css/theme.css>
- <http://sinar.big.go.id/assets/temp/css/theme-elements.css>
- <http://sinar.big.go.id/assets/temp/css/theme-blog.css>
- <http://sinar.big.go.id/assets/temp/css/theme-shop.css>
- <http://sinar.big.go.id/assets/temp/css/theme-animate.css>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/settings.css>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/layers.css>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/navigation.css>
- <http://sinar.big.go.id/assets/temp/vendor/circle-flip-slideshow/css/component.css>
- <http://sinar.big.go.id/assets/temp/css/skins/default.css>
- <http://sinar.big.go.id/assets/temp/css/custom.css>
- <http://sinar.big.go.id/assets/temp/vendor/modernizr/modernizr.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery/jquery.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/bootstrap-datepicker/css/datepicker.css>
- <http://sinar.big.go.id/assets/temp/css/Calendar.css>
- <http://sinar.big.go.id/assets/Map/openlayers/ol.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/css/dataTables.bootstrap.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.dataTables.min.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/iCheck/minimal/minimal.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/iCheck/ichack.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/select2/select2.min.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/select2/select2.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/select2/i18n/id.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/vectormap/jquery-vectormap-2.0.3.css>
- <http://sinar.big.go.id/assets/temp/img/logo-big.png>
- http://sinar.big.go.id/assets/file/slideshow/20-03-02_13-59-31-dji1556279906181crop.jpg
- http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-15-08-sinar1.JPG
- http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-16-30-sinar2.JPG
- http://sinar.big.go.id/assets/file/berita/20-09-23_08-27-24-Workshop.jpg
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-07-23_08-23-25-id-5f1839acdabe1.jpeg
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-07-15_17-02-24-WhatsApp-Image-2020-07-10-at-11_06_18.jpeg
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-06-05_08-19-07-Penelaahan-Pusat-2.jpg
- <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.print.min.css>
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-05-05_16-37-40-Kota-Pekalongan.jpg
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-10_11-13-39-bantul-3.JPG
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-10_11-00-19-bantul-1.JPG
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-37-07-Bimtek-Sukabumi.jpeg
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-31-17-Bimtek-1.JPG
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-30-51-Bimtek-2.JPG
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-30-21-Bimtek-2-P.JPG
- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-07-23_08-25-05-why-us-2.png
- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-07-15_16-47-43-GWS_08.jpg
- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-03-05_13-57-42-logo-big-32.JPG
- http://sinar.big.go.id/assets/file/link/20-02-04_09-45-27-Badan_Informasi_Geospasial_logo1.png
- http://sinar.big.go.id/assets/file/link/20-02-04_09-48-50-logo-sakti.png
- http://sinar.big.go.id/assets/file/link/20-02-04_09-46-36-UNGEGN.jpg
- <http://sinar.big.go.id/assets/temp/assets/vendor/bootstrap-datepicker/js/bootstrap-datepicker.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.appear/jquery.appear.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.easing/jquery.easing.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery-cookie/jquery-cookie.js>
- <http://sinar.big.go.id/assets/temp/vendor/bootstrap/js/bootstrap.js>

- <http://sinar.big.go.id/assets/temp/vendor/common/common.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.validation/jquery.validation.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.stellar/jquery.stellar.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.easy-pie-chart/jquery.easy-pie-chart.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.gmap/jquery.gmap.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.lazyload/jquery.lazyload.js>
- <http://sinar.big.go.id/assets/temp/vendor/isotope/jquery.isotope.js>
- <http://sinar.big.go.id/assets/temp/vendor/owl.carousel/owl.carousel.js>
- <http://sinar.big.go.id/assets/temp/vendor/magnific-popup/jquery.magnific-popup.js>
- <http://sinar.big.go.id/assets/temp/vendor/vidoe/vidoe.js>
- <http://sinar.big.go.id/assets/temp/js/theme.js>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/js/jquery.themepunch.tools.min.js>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/js/jquery.themepunch.revolution.min.js>
- <http://sinar.big.go.id/assets/temp/vendor/circle-flip-slideshow/js/jquery.flipshow.js>
- <http://sinar.big.go.id/assets/temp/js/views/view.home.js>
- <http://sinar.big.go.id/assets/temp/js/custom.js>
- <http://sinar.big.go.id/assets/temp/js/theme.init.js>
- <http://sinar.big.go.id/assets/temp/vendor/moment/moment.js>
- <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/js/jquery.dataTables.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/js/dataTables.bootstrap.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/dataTables.buttons.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.colVis.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/jszip.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/pdfmake.min.js>
- http://sinar.big.go.id/assets/temp/assets/vendor/datatables/vfs_fonts.js
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.html5.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.print.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/jquery-datatables/media/js/jquery.dataTables.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/jquery-datatables-bs3/assets/js/datatables.js>
- <http://sinar.big.go.id/assets/temp/assets/avaascripts/tables/examples.datatables.default.js>
- <http://sinar.big.go.id/assets/temp/assets/avaascripts/tables/examples.datatables.row.with.details.js>
- <http://sinar.big.go.id/assets/temp/assets/avaascripts/tables/examples.datatables.tabletools.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/vectormap/jquery-vectormap-2.0.3.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/vectormap/maps/indonesia-adm1.js>
- <http://sinar.big.go.id/assets/Map/openlayers/ol.js>

Make fewer HTTP requests

F (0)

AVG SCORE: 75%

CONTENT

HIGH

This page has 47 external Javascript scripts. Try combining them into fewer scripts.

This page has 29 external stylesheets. Try combining them into fewer stylesheets.

Compress components

F (0)

AVG SCORE: 91%

SERVER

HIGH

There are 76 plain text components that should be sent compressed

- <http://sinar.big.go.id/>
- <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.min.css>
- <http://sinar.big.go.id/assets/temp/vendor/bootstrap/css/bootstrap.css>
- <http://sinar.big.go.id/assets/temp/vendor/fontawesome-free-5.11.2-web/css/all.css>
- <http://sinar.big.go.id/assets/temp/vendor/font-awesome/css/font-awesome.css>
- <http://sinar.big.go.id/assets/temp/vendor/simple-line-icons/css/simple-line-icons.css>
- <http://sinar.big.go.id/assets/temp/vendor/owl.carousel/assets/owl.carousel.min.css>
- <http://sinar.big.go.id/assets/temp/vendor/owl.carousel/assets/owl.theme.default.min.css>
- <http://sinar.big.go.id/assets/temp/vendor/magnific-popup/magnific-popup.css>
- <http://sinar.big.go.id/assets/temp/css/theme.css>
- <http://sinar.big.go.id/assets/temp/css/theme-elements.css>
- <http://sinar.big.go.id/assets/temp/css/theme-blog.css>
- <http://sinar.big.go.id/assets/temp/css/theme-shop.css>
- <http://sinar.big.go.id/assets/temp/css/theme-animate.css>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/settings.css>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/layers.css>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/navigation.css>
- <http://sinar.big.go.id/assets/temp/vendor/circle-flip-slideshow/css/component.css>
- <http://sinar.big.go.id/assets/css/skins/default.css>

- <http://sinar.big.go.id/assets/temp/vendor/modernizr/modernizr.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery/jquery.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/bootstrap-datepicker/css/datepicker.css>
- <http://sinar.big.go.id/assets/temp/css/Calendar.css>
- <http://sinar.big.go.id/assets/Map/openlayers/ol.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/css/dataTables.bootstrap.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons/dataTables.min.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/iCheck/minimal/minimal.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/iCheck/ichack.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/select2/select2.min.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/select2/select2.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/select2/i18n/id.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/leaflet/leaflet.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/fullcalendar/dist/fullcalendar.print.min.css>
- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-03-05_13-57-42-logo-big-32.jpg
- <http://sinar.big.go.id/assets/temp/assets/vendor/bootstrap-datepicker/js/bootstrap-datepicker.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.appear/jquery.appear.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.easing/jquery.easing.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.cookie/jquery.cookie.js>
- <http://sinar.big.go.id/assets/temp/vendor/bootstrap/js/bootstrap.js>
- <http://sinar.big.go.id/assets/temp/vendor/common/common.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.validation/jquery.validation.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.stellar/jquery.stellar.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.easy-pie-chart/jquery.easy-pie-chart.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.gmap/jquery.gmap.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.lazyload/jquery.lazyload.js>
- <http://sinar.big.go.id/assets/temp/vendor/isotope/isotope.js>
- <http://sinar.big.go.id/assets/temp/vendor/owl.carousel/owl.carousel.js>
- <http://sinar.big.go.id/assets/temp/vendor/magnific-popup/jquery.magnific-popup.js>
- <http://sinar.big.go.id/assets/temp/vendor/vid.js>
- <http://sinar.big.go.id/assets/temp/js/theme.js>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/js/jquery.themepunch.tools.min.js>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/js/jquery.themepunch.revolution.min.js>
- <http://sinar.big.go.id/assets/temp/vendor/circle-flip-slideshow/js/jquery.flipshow.js>
- <http://sinar.big.go.id/assets/temp/js/views/view.home.js>
- <http://sinar.big.go.id/assets/temp/js/theme.init.js>
- <http://sinar.big.go.id/assets/temp/vendor/moment/moment.js>
- <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/js/jquery.dataTables.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/js/dataTables.bootstrap.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/dataTables.buttons.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.colVis.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/js/zip.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/pdfmake.min.js>
- http://sinar.big.go.id/assets/temp/assets/vendor/datatables/vfs_fonts.js
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.html5.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.print.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/jquery-datatables/media/js/jquery.dataTables.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/jquery-datatables/extras/TableTools/js/dataTables.tableTools.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/jquery-datatables-bs3/assets/js/dataTables.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/tables/examples/datatables.row.with.details.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/tables/examples/datatables.tabletools.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/leaflet/leaflet.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/leaflet/leaflet.js>
- <http://sinar.big.go.id/assets/Map/openlayers/ol.js>
- http://sinar.big.go.id/Web/KalenderAgenda?start=2020-09-27&end=2020-11-08&_id=1602475968761
- <http://sinar.big.go.id/Web/infografis>

Use a Content Delivery Network (CDN)

F (0)

♥ AVG SCORE: 32%

SERVER

MEDIUM

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

There are 96 static components that are not on CDN.

- <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.min.css>
- <http://sinar.big.go.id/assets/temp/vendor/bootstrap/css/bootstrap.css>
- <http://sinar.big.go.id/assets/temp/vendor/font-awesome-free-5.11.2-web/css/all.css>
- <http://sinar.big.go.id/assets/temp/vendor/font-awesome/css/font-awesome.css>
- <http://sinar.big.go.id/assets/temp/vendor/simple-line-icons/css/simple-line-icons.css>
- <http://sinar.big.go.id/assets/temp/vendor/owl.carousel/assets/owl.carousel.min.css>

- <http://sinar.big.go.id/assets/temp/vendor/owl.carousel/assets/owl.theme.default.min.css>
- <http://sinar.big.go.id/assets/temp/vendor/magnific-popup/magnific-popup.css>
- <http://sinar.big.go.id/assets/temp/css/theme.css>
- <http://sinar.big.go.id/assets/temp/css/theme-elements.css>
- <http://sinar.big.go.id/assets/temp/css/theme-blog.css>
- <http://sinar.big.go.id/assets/temp/css/theme-shop.css>
- <http://sinar.big.go.id/assets/temp/css/theme-animate.css>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/settings.css>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/layers.css>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/navigation.css>
- <http://sinar.big.go.id/assets/temp/vendor/circle-flip-slideshow/css/component.css>
- <http://sinar.big.go.id/assets/temp/css/skins/default.css>
- <http://sinar.big.go.id/assets/temp/css/custom.css>
- <http://sinar.big.go.id/assets/temp/vendor/modernizr/modernizr.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery/jquery.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/bootstrap-datepicker/css/datepicker.css>
- <http://sinar.big.go.id/assets/temp/css/Calendar.css>
- <http://sinar.big.go.id/assets/Map/openlayers/ol.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/css/dataTables.bootstrap.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons/dataTables.min.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/iCheck/minimal/minimal.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/iCheck/checkbox/min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/select2/select2.min.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/select2/select2.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/select2/i18n/id.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/leaflet/vectormap/jquery-vectormap-2.0.3.css>
- <http://sinar.big.go.id/assets/temp/img/logo-big.png>
- http://sinar.big.go.id/assets/file/slideshow/20-03-02_13-59-31-dji1556279906181crop.jpg
- http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-15-08-sinar1.JPG
- http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-16-30-sinar2.JPG
- http://sinar.big.go.id/assets/file/berita/20-09-23_08-27-24-Workshop.jpg
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-07-23_08-23-25-id-5f1839acdabe1.jpeg
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-07-15_17-02-24-WhatsApp-Image-2020-07-10-at-11_06_18.jpeg
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-06-05_08-19-07-Penelaahan-Pusat-2.jpg
- <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.print.min.css>
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-05-05_16-37-40-Kota-Pekalongan.jpg
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-10_11-13-39-bantul-3.JPG
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-10_11-00-19-bantul-1.JPG
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-37-07-Bimtek-Sukabumi.jpeg
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-31-17-Bimtek-1.JPG
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-30-51-Bimtek-2.JPG
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-30-21-Bimtek-2-P.JPG
- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-07-23_08-25-05-why-us-2.png
- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-07-15_16-47-43-GWS_08.jpg
- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-03-05_13-57-42-logo-big-32.JPG
- http://sinar.big.go.id/assets/file/link/20-02-04_09-45-27-Badan Informasi Geospasial logo1.png
- http://sinar.big.go.id/assets/file/link/20-02-04_09-48-50-logo-sakti.png
- http://sinar.big.go.id/assets/file/link/20-02-04_09-46-36-UNGEGN.jpg
- <http://sinar.big.go.id/assets/temp/assets/vendor/bootstrap-datepicker/js/bootstrap-datepicker.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.appear/jquery.appear.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.easing/jquery.easing.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.cookie/jquery.cookie.js>
- <http://sinar.big.go.id/assets/temp/vendor/bootstrap/js/bootstrap.js>
- <http://sinar.big.go.id/assets/temp/vendor/common/common.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.validation/jquery.validation.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.stellar/jquery.stellar.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.easy-pie-chart/jquery.easy-pie-chart.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.gmap/jquery.gmap.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.lazyload/jquery.lazyload.js>
- <http://sinar.big.go.id/assets/temp/vendor/isotope/jquery.isotope.js>
- <http://sinar.big.go.id/assets/temp/vendor/owl.carousel/owl.carousel.js>
- <http://sinar.big.go.id/assets/temp/vendor/magnific-popup/jquery.magnific-popup.js>
- <http://sinar.big.go.id/assets/temp/vendor/vid.js>
- <http://sinar.big.go.id/assets/temp/js/theme.js>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/js/jquery.themepunch.tools.min.js>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/js/jquery.themepunch.revolution.min.js>
- <http://sinar.big.go.id/assets/temp/vendor/circle-flip-slideshow/js/jquery.flipshow.js>
- http://sinar.big.go.id/assets/temp/js/views/view_home.js
- <http://sinar.big.go.id/assets/temp/js/custom.js>
- <http://sinar.big.go.id/assets/temp/js/theme.init.js>
- <http://sinar.big.go.id/assets/temp/vendor/moment/moment.js>
- <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.min.js>

- ## Minify JavaScript and CSS

F (0)

▼ AVG SCORE: 72%

CSS/JS

MEDIUM

- <http://sinar.big.go.id/assets/temp/vendor/jquery.appear/jquery.appear.js>
- <http://sinar.big.go.id/assets/temp/vendor/common/common.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.gmap/jquery.gmap.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.lazyload/jquery.lazyload.js>
- <http://sinar.big.go.id/assets/temp/vendor/ide/ide.js>
- <http://sinar.big.go.id/assets/temp/s/theme.js>
- http://sinar.big.go.id/assets/temp/s/views/view_home.js
- <http://sinar.big.go.id/assets/temp/assets/javascripts/tables/examples/datatables.tabletools.js>
- inline <style> tag #1
- inline <style> tag #2
- inline <script> tag #1
- inline <script> tag #2

Use cookie-free domains

 $F(0)$

▼ AVG SCORE: 57%

COOKIE

LOW

- <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.min.css>
- <http://sinar.big.go.id/assets/temp/vendor/bootstrap/css/bootstrap.css>
- <http://sinar.big.go.id/assets/temp/vendor/fontawesome-free-5.11.2-web/css/all.css>
- <http://sinar.big.go.id/assets/temp/vendor/font-awesome/css/font-awesome.css>
- <http://sinar.big.go.id/assets/temp/vendor/simple-line-icons/css/simple-line-icons.css>
- <http://sinar.big.go.id/assets/temp/vendor/owl.carousel/assets/owl.carousel.min.css>
- <http://sinar.big.go.id/assets/temp/vendor/owl.carousel/assets/owl.theme.default.min.css>
- <http://sinar.big.go.id/assets/temp/vendor/magnific-popup/magnific-popup.css>
- <http://sinar.big.go.id/assets/temp/css/theme.css>
- <http://sinar.big.go.id/assets/temp/css/theme-elements.css>
- <http://sinar.big.go.id/assets/temp/css/theme-blog.css>
- <http://sinar.big.go.id/assets/temp/css/theme-shop.css>
- <http://sinar.big.go.id/assets/temp/css/theme-animate.css>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/settings.css>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/layers.css>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/css/navigation.css>
- <http://sinar.big.go.id/assets/temp/vendor/circle-flip-slideshow/css/component.css>
- <http://sinar.big.go.id/assets/temp/css/skins/default.css>
- <http://sinar.big.go.id/assets/temp/css/custom.css>
- <http://sinar.big.go.id/assets/temp/vendor/modernizr/modernizr.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery/jquery.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/bootstrap-datepicker/css/datepicker.css>
- <http://sinar.big.go.id/assets/temp/css/Calendar.css>
- <http://sinar.big.go.id/assets/Map/openlayers/ol.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/css/dataTables.bootstrap.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons/dataTables.min.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/iCheck/minimal/minimal.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/iCheck/checkbox/min.js>

- <http://sinar.big.go.id/assets/temp/assets/vendor/select2/select2.min.css>
- <http://sinar.big.go.id/assets/temp/assets/vendor/select2/select2.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/select2/i18n/id.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/ivectormap/jquery-ivectormap-2.0.3.css>
- <http://sinar.big.go.id/assets/temp/img/logo-big.png>
- http://sinar.big.go.id/assets/file/slideshow/20-03-02_13-59-31-dji1556279906181crop.jpg
- http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-15-08-sinar1.JPG
- http://sinar.big.go.id/assets/file/slideshow/20-03-03_14-16-30-sinar2.JPG
- http://sinar.big.go.id/assets/file/berita/20-09-23_08-27-24-Workshop.jpg
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-07-23_08-23-25-id-5f1839acdabe1.jpeg
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-07-15_17-02-24-WhatsApp-Image-2020-07-10-at-11_06_18.jpeg
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-06-05_08-19-07-Penelaahan-Pusat-2.jpg
- <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.print.min.css>
- http://sinar.big.go.id/assets/file/berita/thumbnail/20-05-05_16-37-40-Kota-Pekalongan.jpg
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-10_11-13-39-bantul-3.JPG
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-10_11-00-19-bantul-1.JPG
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-37-07-Bimtek-Sukabumi.jpeg
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-31-17-Bimtek-1.JPG
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-30-51-Bimtek-2.JPG
- http://sinar.big.go.id/assets/file/galeri/thumbnail/20-03-02_17-30-21-Bimtek-2-P.JPG
- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-07-23_08-25-05-why-us-2.png
- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-07-15_16-47-43-GWS_08.jpg
- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-03-05_13-57-42-logo-big-32.JPG
- http://sinar.big.go.id/assets/file/link/20-02-04_09-45-27-Badan_Informasi_Geospasial_logo1.png
- http://sinar.big.go.id/assets/file/link/20-02-04_09-48-50-logo-sakti.png
- http://sinar.big.go.id/assets/file/link/20-02-04_09-46-36-UNGEGN.jpg
- <http://sinar.big.go.id/assets/temp/assets/vendor/bootstrap-datepicker/js/bootstrap-datepicker.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.appear/jquery.appear.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.easing/jquery.easing.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.cookie/jquery.cookie.js>
- <http://sinar.big.go.id/assets/temp/vendor/bootstrap/js/bootstrap.js>
- <http://sinar.big.go.id/assets/temp/vendor/common/common.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.validation/jquery.validation.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.stellar/jquery.stellar.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.easy-pie-chart/jquery.easy-pie-chart.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.qmap/jquery.qmap.js>
- <http://sinar.big.go.id/assets/temp/vendor/jquery.lazyload/jquery.lazyload.js>
- <http://sinar.big.go.id/assets/temp/vendor/isotope/jquery.isotope.js>
- <http://sinar.big.go.id/assets/temp/vendor/owl.carousel/owl.carousel.js>
- <http://sinar.big.go.id/assets/temp/vendor/magnific-popup/jquery.magnific-popup.js>
- <http://sinar.big.go.id/assets/temp/vendor/video/video.js>
- <http://sinar.big.go.id/assets/temp/js/theme.js>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/js/jquery.themepunch.tools.min.js>
- <http://sinar.big.go.id/assets/temp/vendor/rs-plugin/js/jquery.themepunch.revolution.min.js>
- <http://sinar.big.go.id/assets/temp/vendor/circle-flip-slideshow/js/jquery.flipshow.js>
- <http://sinar.big.go.id/assets/temp/js/views/view.home.js>
- <http://sinar.big.go.id/assets/temp/js/custom.js>
- <http://sinar.big.go.id/assets/temp/js/theme.init.js>
- <http://sinar.big.go.id/assets/temp/vendor/moment/moment.js>
- <http://sinar.big.go.id/assets/temp/vendor/fullcalendar/dist/fullcalendar.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/js/jquery.dataTables.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/js/dataTables.bootstrap.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/dataTables.buttons.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.colVis.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/js/zip.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/pdfmake.min.js>
- http://sinar.big.go.id/assets/temp/assets/vendor/datatables/vfs_fonts.js
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.html5.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/datatables/buttons.print.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/jquery-datatables/media/js/jquery.dataTables.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/jquery-datatables/extras/TableTools/js/dataTables.tableTools.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/jquery-datatables-bs3/assets/js/datatables.js>
- <http://sinar.big.go.id/assets/temp/assets/avascrpts/tables/examples/datatables.default.js>
- <http://sinar.big.go.id/assets/temp/assets/avascrpts/tables/examples/datatables.row.with.details.js>
- <http://sinar.big.go.id/assets/temp/assets/avascrpts/tables/examples/datatables.tabletools.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/ivectormap/jquery-ivectormap-2.0.3.min.js>
- <http://sinar.big.go.id/assets/temp/assets/vendor/ivectormap/maps/indonesia-adm1.js>
- <http://sinar.big.go.id/assets/Map/openlayers/ol.js>

Avoid HTTP 404 (Not Found) error

A (95)

AVG SCORE: 98%

CONTENT

MEDIUM

There is 1 request that is 404 Not Found

- http://sinar.big.go.id/assets/file/agenda/thumbnail/20-03-05_13-57-42-logo-big-32.jiff

Avoid URL redirects

A (100)



AVG SCORE: 87%

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 AlplmageLoader filter

A (100)



AVG SCORE: 99%

CSS

MEDIUM

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

Reduce the number of DOM elements

A (100)



AVG SCORE: 90%

CONTENT

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 DNS lookups

A (100)



AVG SCORE: 72%

CONTENT

LOW

- sinar.big.go.id: 101 components, 7646.6K
- fonts.googleapis.com: 1 component, 12.6K (0.9K GZip)

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: 97%

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 2 inline css
- There is a total of 2 inline scripts



Performance Report for: <http://tides.big.go.id/index.html>

Report generated: Sun, Oct 11, 2020 8:22 PM -0700

Test Server Region: Vancouver, Canada

Using: Chrome (Desktop) 75.0.3770.100, PageSpeed 1.15-gt1.3, YSlow 3.1.8

PageSpeed Score

F(0%) ▾

YSlow Score

D(64%) ▾

Fully Loaded Time

6.9s ▲

Total Page Size

8.45MB ▾

Requests

36 ▲

Top 5 Priority Issues

Serve scaled images	F (0)	▾ AVG SCORE: 69%	IMAGES	HIGH
Optimize images	F (0)	▾ AVG SCORE: 74%	IMAGES	HIGH
Enable compression	F (0)	▾ AVG SCORE: 90%	SERVER	HIGH
Leverage browser caching	F (10)	▾ AVG SCORE: 64%	SERVER	HIGH
Minify JavaScript	D (61)	▾ AVG SCORE: 90%	JS	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

CARBON60
THE MANAGED CLOUD COMPANY

GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 24 years experience in web technology.

<https://carbon60.com/>

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?

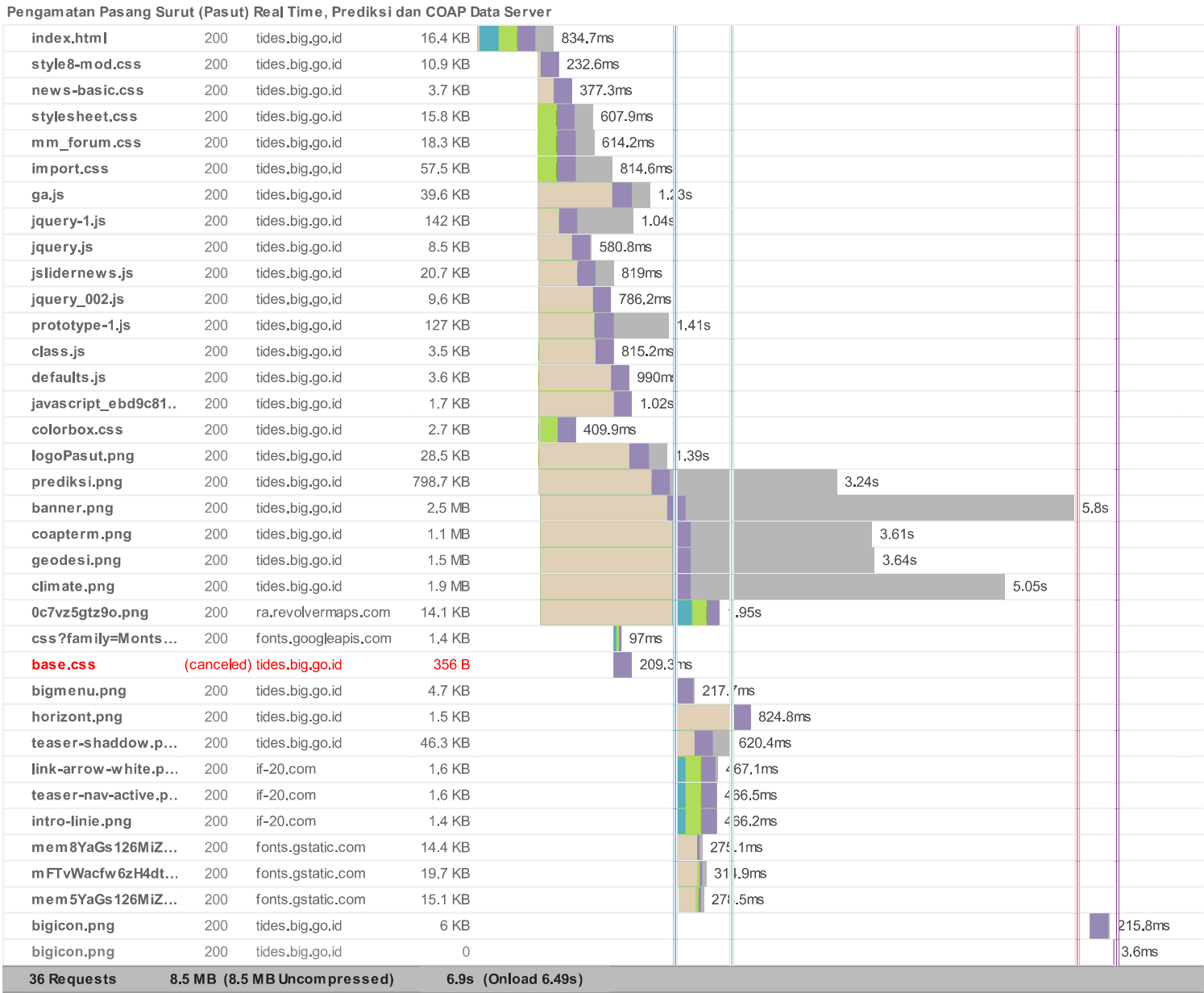
This report covers basic to technical analyses on your page. It is categorized under many headings:

- **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.

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.

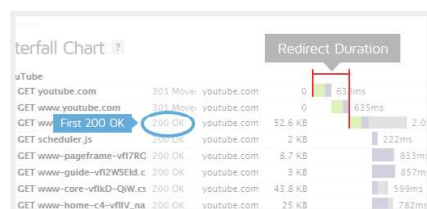


Page Load Timings

RUM Speed Index: 3,152

Redirect 0ms	Connect 429ms	Backend 205ms	TTFB 0.6s
DOM int. 2.1s	DOM loaded 2.1s (220ms)	First paint 2.7s	Contentful paint 2.7s
Onload 6.5s (1ms)			

Redirect duration



This is the time spent redirecting URLs before the final HTML page is loaded. Common redirects include:

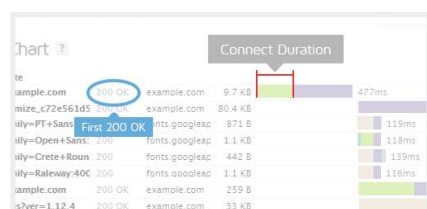
- Redirect from a non-www to www (eg. example.com to www.example.com)
- Redirect to a secure URL (eg. http:// to https://)
- Redirect to set cookies
- Redirect to a mobile version of the site

Some sites may even perform a chain of multiple redirects (eg. non-www to www, then to a secure URL). This timing is the total of all this time that's spent redirecting, or 0 if no redirects occurred.

In the Waterfall Chart, Redirect duration consists of the time from the beginning of the test until just before we start the request of the final HTML page (when we receive the first 200 OK response).

During this time, the browser screen is blank! Ensure that this duration is kept to short by [minimizing your redirects](#).

Connection duration



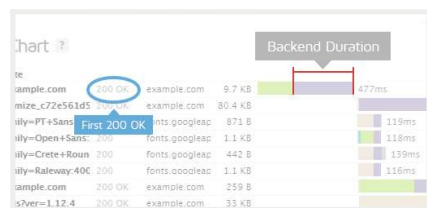
Once any redirects have completed, Connection duration is measured. This is the time spent connecting to the server to make the request to the page.

Technically speaking, this duration is a combination of the blocked time, DNS time, connect time and sending time of the request (rather than *just* connect time). We've combined those components into a single Connection duration to simplify things (as most of these times are usually small).

In the Waterfall Chart, Connection duration consists of everything up to and including the "Sending" time in the final HTML page request (the first 200 OK response).

During this time, the browser screen is still blank! Various causes could contribute to this, including a slow/problematic connection between the test server and site or slow response times from the site.

Backend duration

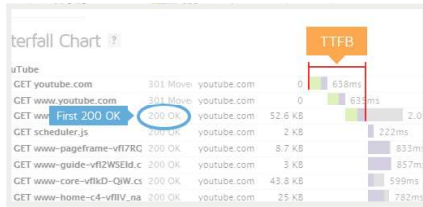


Once the connection is complete and the request is made, the server needs to generate a response for the page. The time it takes to generate the response is known as the Backend duration.

In the Waterfall Chart, Backend duration consists of purple waiting time in the page request.

There are a number of reasons why Backend duration could be slow. We cover this in our ["Why is my page slow"](#) article.

Time to First Byte (TTFB)

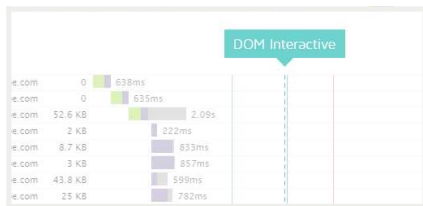


Time to First Byte (TTFB) is the total amount of time spent to receive the first byte of the response once it has been requested. It is the sum of "Redirect duration" + "Connection duration" + "Backend duration". This metric is one of the key indicators of web performance.

In the Waterfall Chart, it is calculated at the start of the test until just before receiving on the page request and represented by the orange line.

Some ways to improve the TTFB include: optimizing application code, implementing caching, fine-tuning your web server configuration, or upgrading server hardware.

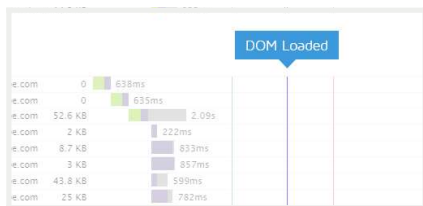
DOM interactive time



DOM interactive time is the point at which the browser has finished loading and parsing HTML, and the DOM (Document Object Model) has been built. The DOM is how the browser internally structures the HTML so that it can render it.

DOM interactive time isn't marked in the Waterfall Chart as it's usually very close in timing to DOM content loaded.

DOM content loaded time



DOM content loaded time (DOM loaded or DOM ready for short) is the point at which the DOM is ready (ie. DOM interactive) and there are no stylesheets blocking JavaScript execution.

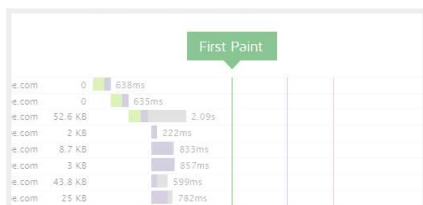
If there are no stylesheets blocking JavaScript execution and there is no parser blocking JavaScript, then this will be the same as DOM interactive time.

In the Waterfall Chart, it is represented by the blue line.

The time in brackets is the time spent executing JavaScript triggered by the DOM content loaded event. Many JavaScript frameworks use this event as a starting point to begin execution of their code.

Since this event is often used by JavaScript as the starting point and delays in this event mean delays in rendering, it's important to make sure that [style and script order is optimized](#) and that [parsing of JavaScript is deferred](#).

First paint time



First paint time is the first point at which the browser does any sort of rendering on the page. Depending on the structure of the page, this first paint could just be displaying the background colour (including white), or it could be a majority of the page being rendered.

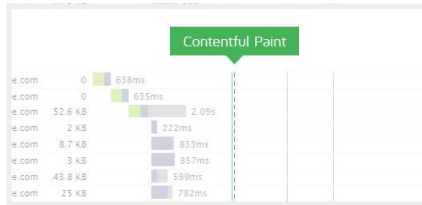
In the Waterfall Chart, it is represented by the green line.

This timing is of significance because until this point, the browser will have only shown a blank page and this change gives the user an indication that the page is loading. However, we don't know how much of the page was rendered with this paint, so having an early first paint doesn't necessarily

indicate a fast loading page.

If the browser does not perform a paint (ie. the html results in an blank page), then the paint timings may be missing.

First contentful paint time



First Contentful Paint is triggered when any *content* is painted - i.e. something defined in the DOM (Document Object Model). This could be text, an image or canvas render.

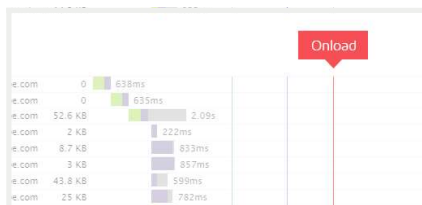
This timing aims to be more representative of your user's experience, as it flags when actual content has been loaded in the page, and not just any change - but it may often be the same time as First Paint.

Because the focus is on content, the idea is that this metric gives you an idea of when your user receives consumable information (text, visuals, etc) - much more useful for performance assessment

than when a background has changed or a style has been applied.

If the browser does not perform a paint (ie. the html results in an blank page), then the paint timings may be missing.

Onload time



Onload time occurs when the processing of the page is complete and all the resources on the page (images, CSS, etc.) have finished downloading. This is also the same time that DOM complete occurs and the JavaScript window.onload event fires.

Note that there may be JavaScript that initiates subsequent requests for more resources, hence the reason why Fully loaded timing is preferred.

In the Waterfall Chart, it is represented by the red line.

The time in brackets is the time spent executing JavaScript triggered by the Onload event.

Note that Onload time was the previous default for when to stop the test prior to February 8th, 2017.

PageSpeed Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Serve scaled images	F (0)	✓ AVG SCORE: 69%	IMAGES	HIGH

The following images are resized in HTML or CSS. Serving scaled images could save 7.2MiB (92% reduction).

- <http://tides.big.go.id/images/banner.png> is resized in HTML or CSS from 4083x1196 to 980x284. Serving a scaled image could save 2.3MiB (94% reduction).
- <http://tides.big.go.id/images/climate.png> is resized in HTML or CSS from 4083x1196 to 980x284. Serving a scaled image could save 1.8MiB (94% reduction).
- <http://tides.big.go.id/images/geodesi.png> is resized in HTML or CSS from 4083x1183 to 980x284. Serving a scaled image could save 1.4MiB (94% reduction).
- <http://tides.big.go.id/images/coapterm.png> is resized in HTML or CSS from 4088x1188 to 980x284. Serving a scaled image could save 1.0MiB (94% reduction).
- <http://tides.big.go.id/images/prediksi.png> is resized in HTML or CSS from 2042x592 to 980x284. Serving a scaled image could save 614.6KiB (76% reduction).

Optimize images	F (0)	✓ AVG SCORE: 74%	IMAGES	HIGH
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Optimize the following images to reduce their size by 407.8KiB (13% reduction).

- Losslessly compressing <http://tides.big.go.id/images/climate.png> could save 326.8KiB (17% reduction). See [optimized version](#).
- Losslessly compressing <http://tides.big.go.id/images/coapterm.png> could save 54.3KiB (5% reduction). See [optimized version](#).
- Losslessly compressing <http://tides.big.go.id/images/logoPasut.png> could save 10.4KiB (37% reduction). See [optimized version](#).
- Losslessly compressing <http://tides.big.go.id/images/teaser-shaddow.png> could save 5.8KiB (13% reduction). See [optimized version](#).
- Losslessly compressing <http://tides.big.go.id/images/bigicon.png> could save 3.5KiB (61% reduction). See [optimized version](#).
- Losslessly compressing <http://tides.big.go.id/images/bigmenu.png> could save 3.0KiB (69% reduction). See [optimized version](#).
- Losslessly compressing http://www.if-20.com/fileadmin/if-20.com/template/ext/t3s_jslidernews/images/teaser-nav-active.png could save 1018B (81% reduction). See [optimized version](#).
- Losslessly compressing http://www.if-20.com/fileadmin/if-20.com/template/ext/t3s_jslidernews/images/link-arrow-white.png could save 863B (70% reduction). See [optimized version](#).
- Losslessly compressing <http://ra.revolvermaps.com/h/m/a/0/ff0000/70/0/0c7vz5gtz9o.png> could save 758B (6% reduction). See [optimized version](#).
- Losslessly compressing <http://if-20.com/fileadmin/if-20.com/template/img/intro-linie.png> could save 723B (65% reduction). See [optimized version](#).
- Losslessly compressing <http://tides.big.go.id/images/horizont.png> could save 661B (57% reduction). See [optimized version](#).

Enable compression	F (0)	✓ AVG SCORE: 90%	SERVER	HIGH
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Enable compression for the following resources to reduce their transfer size by 352.2KiB (74% reduction).

- Compressing <http://tides.big.go.id/script/jquery-1.js> could save 101.0KiB (71% reduction).
- Compressing <http://tides.big.go.id/script/prototype-1.js> could save 97.1KiB (76% reduction).
- Compressing <http://tides.big.go.id/css/import.css> could save 48.4KiB (84% reduction).
- Compressing <http://tides.big.go.id/script/ga.js> could save 23.8KiB (60% reduction).
- Compressing <http://tides.big.go.id/script/jslidernews.js> could save 14.9KiB (73% reduction).
- Compressing http://tides.big.go.id/css/mm_forum.css could save 14.4KiB (80% reduction).
- Compressing <http://tides.big.go.id/css/stylesheet.css> could save 12.0KiB (78% reduction).
- Compressing <http://tides.big.go.id/index.html> could save 11.5KiB (71% reduction).
- Compressing <http://tides.big.go.id/css/style8-mod.css> could save 8.5KiB (80% reduction).
- Compressing <http://tides.big.go.id/script/jquery.js> could save 6.2KiB (75% reduction).
- Compressing http://tides.big.go.id/script/jquery_002.js could save 5.2KiB (56% reduction).
- Compressing <http://tides.big.go.id/css/news-basic.css> could save 2.5KiB (72% reduction).
- Compressing <http://tides.big.go.id/script/defaults.js> could save 2.3KiB (69% reduction).
- Compressing <http://tides.big.go.id/script/class.js> could save 2.1KiB (67% reduction).
- Compressing <http://tides.big.go.id/css/colorbox.css> could save 1.5KiB (65% reduction).
- Compressing http://tides.big.go.id/script/javascript_ebd9c81938.js could save 782B (56% reduction).

Leverage browser caching	F (10)	✓ AVG SCORE: 64%	SERVER	HIGH
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Leverage browser caching for the following cacheable resources:

- <http://tides.big.go.id/css/colorbox.css> (expiration not specified)
- <http://tides.big.go.id/css/import.css> (expiration not specified)
- http://tides.big.go.id/css/mm_forum.css (expiration not specified)
- <http://tides.big.go.id/css/news-basic.css> (expiration not specified)
- <http://tides.big.go.id/css/style8-mod.css> (expiration not specified)
- <http://tides.big.go.id/css/stylesheet.css> (expiration not specified)
- <http://tides.big.go.id/images/banner.png> (expiration not specified)
- <http://tides.big.go.id/images/bigicon.png> (expiration not specified)
- <http://tides.big.go.id/images/bigmenu.png> (expiration not specified)
- <http://tides.big.go.id/images/climate.png> (expiration not specified)
- <http://tides.big.go.id/images/coapterm.png> (expiration not specified)
- <http://tides.big.go.id/images/geodesi.png> (expiration not specified)
- <http://tides.big.go.id/images/horizont.png> (expiration not specified)
- <http://tides.big.go.id/images/logoPasut.png> (expiration not specified)
- <http://tides.big.go.id/images/prediksi.png> (expiration not specified)
- <http://tides.big.go.id/images/teaser-shadow.png> (expiration not specified)
- <http://tides.big.go.id/script/class.js> (expiration not specified)
- <http://tides.big.go.id/script/defaults.js> (expiration not specified)
- <http://tides.big.go.id/script/ga.js> (expiration not specified)
- http://tides.big.go.id/script/javascript_ebd9c81938.js (expiration not specified)
- <http://tides.big.go.id/script/query-1.js> (expiration not specified)
- <http://tides.big.go.id/script/jquery.js> (expiration not specified)
- http://tides.big.go.id/script/jquery_002.js (expiration not specified)
- <http://tides.big.go.id/script/slidemenu.js> (expiration not specified)
- <http://tides.big.go.id/script/prototype-1.js> (expiration not specified)

Minify JavaScript

D (61)



AVG SCORE: 90%

JS

HIGH

Minify JavaScript for the following resources to reduce their size by 47.5KiB (14% reduction).

- Minifying <http://tides.big.go.id/script/prototype-1.js> could save 33.6KiB (27% reduction). See [optimized version](#).
- Minifying <http://tides.big.go.id/script/slidemenu.js> could save 5.6KiB (28% reduction). See [optimized version](#).
- Minifying <http://tides.big.go.id/script/jquery.js> could save 4.6KiB (56% reduction). See [optimized version](#).
- Minifying <http://tides.big.go.id/script/class.js> could save 1.6KiB (50% reduction). See [optimized version](#).
- Minifying <http://tides.big.go.id/script/defaults.js> could save 1.0KiB (32% reduction). See [optimized version](#).
- Minifying <http://tides.big.go.id/script/query-1.js> could save 472B (1% reduction). See [optimized version](#).
- Minifying http://tides.big.go.id/script/javascript_ebd9c81938.js could save 424B (31% reduction). See [optimized version](#).
- Minifying http://tides.big.go.id/script/jquery_002.js could save 148B (2% reduction). See [optimized version](#).
- Minifying <http://tides.big.go.id/script/ga.js> could save 59B (1% reduction). See [optimized version](#).

Defer parsing of JavaScript

C (78)



AVG SCORE: 72%

JS

HIGH

251.5KiB of JavaScript is parsed during initial page load. Defer parsing JavaScript to reduce blocking of page rendering.

- <http://tides.big.go.id/script/jquery-1.js> (133.7KiB)
- <http://tides.big.go.id/script/prototype-1.js> (88.1KiB)
- <http://tides.big.go.id/script/slidemenu.js> (13.6KiB)
- http://tides.big.go.id/script/jquery_002.js (8.2KiB)
- <http://tides.big.go.id/script/jquery.js> (3.5KiB)
- <http://tides.big.go.id/script/defaults.js> (1.6KiB)
- <http://tides.big.go.id/script/class.js> (1.5KiB)
- http://tides.big.go.id/script/javascript_ebd9c81938.js (898B)
- <http://tides.big.go.id/index.html> (432B of inline JavaScript)

Avoid bad requests

A (92)



AVG SCORE: 98%

CONTENT

HIGH

The following requests are returning 404/410 responses. Either fix the broken links, or remove the references to the non-existent resources.

- <http://tides.big.go.id/3rdParty/yaml/core/base.css>

Avoid CSS @import

A (92)

AVG SCORE: 98%

CSS

MEDIUM

The following external stylesheets were included in <http://tides.big.go.id/css/import.css> using @import.

- <http://fonts.googleapis.com/css?family=Montserrat+Alternates:400,700|Open+Sans:400,600,700>

Minify CSS

A (92)

AVG SCORE: 96%

CSS

HIGH

Minify CSS for the following resources to reduce their size by 9.1KiB (9% reduction).

- Minifying http://tides.big.go.id/css/mm_forum.css could save 3.4KiB (19% reduction). See [optimized version](#).
- Minifying <http://tides.big.go.id/css/stylesheet.css> could save 3.1KiB (21% reduction). See [optimized version](#).
- Minifying <http://tides.big.go.id/css/style8-mod.css> could save 1.4KiB (14% reduction). See [optimized version](#).
- Minifying <http://tides.big.go.id/css/news-basic.css> could save 627B (19% reduction). See [optimized version](#).
- Minifying <http://tides.big.go.id/css/colorbox.css> could save 494B (21% reduction). See [optimized version](#).
- Minifying <http://fonts.googleapis.com/css?family=Montserrat+Alternates:400,700|Open+Sans:400,600,700> could save 63B (8% reduction) after compression. See [optimized version](#).
- Minifying <http://tides.big.go.id/css/import.css> could save 55B (1% reduction). See [optimized version](#).

Specify a character set early

A (99)

AVG SCORE: 100%

CONTENT

MEDIUM

The following resources have no character set specified in their HTTP headers. Specifying a character set in HTTP headers can speed up browser rendering.

- <http://tides.big.go.id/index.html>

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: 99%

SERVER

HIGH

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

Inline small CSS

A (100)

AVG SCORE: 99%

CSS

HIGH

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

Inline small JavaScript

A (100)

AVG SCORE: 99%

JS

HIGH

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

Minimize redirects

A (100)

AVG SCORE: 88%

CONTENT

HIGH

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

Minimize request size

A (100)

AVG SCORE: 99%

CONTENT

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: 91%

CONTENT

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!

Combine images using CSS sprites

A (100)

AVG SCORE: 98%

IMAGES

HIGH

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!

Avoid a character set in the meta tag

A (99)

AVG SCORE: 100%

CONTENT

LOW

The following resources have a character set specified in a meta tag. Specifying a character set in a meta tag disables the lookahead downloader in IE8. To improve resource download parallelization, move the character set to the HTTP Content-Type response header.

- <http://ides.big.go.id/index.html>

Specify image dimensions

A (100)

AVG SCORE: 98%

IMAGES

MEDIUM

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

YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Add Expires headers	F (0)	✓ AVG SCORE: 31%	SERVER	HIGH

There are 26 static components without a far-future expiration date.

- <http://tides.big.go.id/css/style8-mod.css>
- <http://tides.big.go.id/css/news-basic.css>
- <http://tides.big.go.id/css/stylesheet.css>
- http://tides.big.go.id/css/mm_forum.css
- <http://tides.big.go.id/css/import.css>
- <http://tides.big.go.id/script/ga.js>
- <http://tides.big.go.id/script/query-1.js>
- <http://tides.big.go.id/script/jquery.js>
- <http://tides.big.go.id/script/slidemews.js>
- http://tides.big.go.id/script/jquery_002.js
- <http://tides.big.go.id/script/prototype-1.js>
- <http://tides.big.go.id/script/class.js>
- <http://tides.big.go.id/script/defaults.js>
- http://tides.big.go.id/script/javascript_ebd9c81938.js
- <http://tides.big.go.id/css/colorbox.css>
- <http://tides.big.go.id/images/logoPasut.png>
- <http://tides.big.go.id/images/prediksi.png>
- <http://tides.big.go.id/images/banner.png>
- <http://tides.big.go.id/images/coapterm.png>
- <http://tides.big.go.id/images/geodesi.png>
- <http://tides.big.go.id/images/climate.png>
- <http://ra.revolvermaps.com/h/m/a/0/ff0000/70/0/0c7vz5qtz9o.png>
- <http://fonts.googleapis.com/css?family=Montserrat+Alternates:400,700|Open+Sans:400,600,700>
- <http://tides.big.go.id/images/bigmenu.png>
- <http://tides.big.go.id/images/horizont.png>
- <http://tides.big.go.id/images/teaser-shadow.png>

Compress components	F (0)	✓ AVG SCORE: 91%	SERVER	HIGH
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There are 16 plain text components that should be sent compressed

- <http://tides.big.go.id/index.html>
- <http://tides.big.go.id/css/style8-mod.css>
- <http://tides.big.go.id/css/news-basic.css>
- <http://tides.big.go.id/css/stylesheet.css>
- http://tides.big.go.id/css/mm_forum.css
- <http://tides.big.go.id/css/import.css>
- <http://tides.big.go.id/script/ga.js>
- <http://tides.big.go.id/script/query-1.js>
- <http://tides.big.go.id/script/jquery.js>
- <http://tides.big.go.id/script/slidemews.js>
- http://tides.big.go.id/script/jquery_002.js
- <http://tides.big.go.id/script/prototype-1.js>
- <http://tides.big.go.id/script/class.js>
- <http://tides.big.go.id/script/defaults.js>
- http://tides.big.go.id/script/javascript_ebd9c81938.js
- <http://tides.big.go.id/css/colorbox.css>

Use a Content Delivery Network (CDN)	F (0)	✓ AVG SCORE: 32%	SERVER	MEDIUM
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Using a CDN YSlow doesn't recognize? Specify your CDNs in your [User Settings](#).

There are 28 static components that are not on CDN.

- <http://tides.big.go.id/css/style8-mod.css>
- <http://tides.big.go.id/css/news-basic.css>
- <http://tides.big.go.id/css/stylesheet.css>
- http://tides.big.go.id/css/mm_forum.css
- <http://tides.big.go.id/css/import.css>
- <http://tides.big.go.id/script/ga.js>
- <http://tides.big.go.id/script/jquery-1.js>
- <http://tides.big.go.id/script/jquery.js>
- <http://tides.big.go.id/script/slidenews.js>
- http://tides.big.go.id/script/query_002.js
- <http://tides.big.go.id/script/prototype-1.js>
- <http://tides.big.go.id/script/class.js>
- <http://tides.big.go.id/script/defaults.js>
- http://tides.big.go.id/script/javascript_ebd9c81938.js
- <http://tides.big.go.id/css/colorbox.css>
- <http://tides.big.go.id/images/logoPasut.png>
- <http://tides.big.go.id/images/prediksi.png>
- <http://tides.big.go.id/images/banner.png>
- <http://tides.big.go.id/images/coapterm.png>
- <http://tides.big.go.id/images/geodesi.png>
- <http://tides.big.go.id/images/climate.png>
- <http://ra.revolvermaps.com/h/m/a/0/ff0000/70/0/0c7vz5gtz9o.png>
- <http://tides.big.go.id/images/bigmenu.png>
- <http://tides.big.go.id/images/horizont.png>
- <http://tides.big.go.id/images/teaser-shadow.png>
- http://www.if-20.com/fileadmin/if-20.com/template/ext/t3s_slidenews/images/link-arrow-white.png
- http://www.if-20.com/fileadmin/if-20.com/template/ext/t3s_slidenews/images/teaser-nav-active.png
- <http://if-20.com/fileadmin/if-20.com/template/img/intro-linie.png>

Make fewer HTTP requests

E (56)

AVG SCORE: 75%

CONTENT

HIGH

This page has 9 external Javascript scripts. Try combining them into fewer scripts.

This page has 7 external stylesheets. Try combining them into fewer stylesheets.

Avoid HTTP 404 (Not Found) error

A (95)

AVG SCORE: 98%

CONTENT

MEDIUM

There is 1 request that is 404 Not Found

- <http://tides.big.go.id/3rdParty/yaml/core/base.css>

Reduce DNS lookups

A (95)

AVG SCORE: 72%

CONTENT

LOW

The components are split over more than 4 domains

- tides.big.go.id: 27 components, 8784.7K
- ra.revolvermaps.com: 1 component, 14.2K
- fonts.googleapis.com: 1 component, 11.6K (0.9K GZip)
- www.if-20.com: 2 components, 2.4K
- if-20.com: 1 component, 1.1K

Minify JavaScript and CSS

A (100)

AVG SCORE: 72%

CSS/JS

MEDIUM

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

Avoid URL redirects

A (100)

AVG SCORE: 87%

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 AlphanameLoader filter

A (100)



AVG SCORE: 99%

CSS

MEDIUM

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

Reduce the number of DOM elements

A (100)



AVG SCORE: 90%

CONTENT

LOW

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

Use cookie-free domains

A (100)



AVG SCORE: 57%

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: 97%

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 2 inline scripts
-