

## Performance Report for: http://instantwebapp.co.uk/8/

Report generated: Fri, May 19, 2017, 4:01 AM -0700  
 Test Server Region: Vancouver, Canada  
 Using: Firefox (Desktop) 53.0, PageSpeed 1.15-gt1, YSlow 3.1.8

PageSpeed Score <b>A (100%)</b> ^	YSlow Score <b>A (100%)</b> ^	Fully Loaded Time <b>0.5s</b> ^	Total Page Size <b>23.3KB</b> ^	Requests <b>1</b> ^
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### Top 1 Priority Issues

<b>Minify HTML</b>	A (99)	♦ AVG SCORE: 98%	CONTENT	LOW
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### 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 **GT.net**, a Vancouver-based performance hosting company with over 21 years experience in web technology.

<https://gt.net/>

### What do these grades mean?

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

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

### What's in this report?

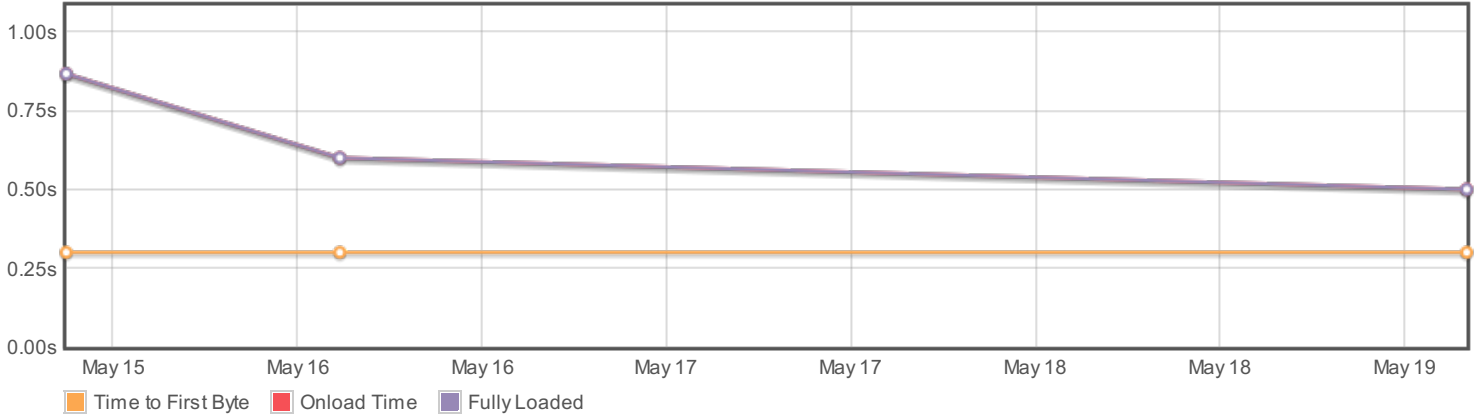
This report covers basic to technical analyses on your page. It is categorized under many headings:

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

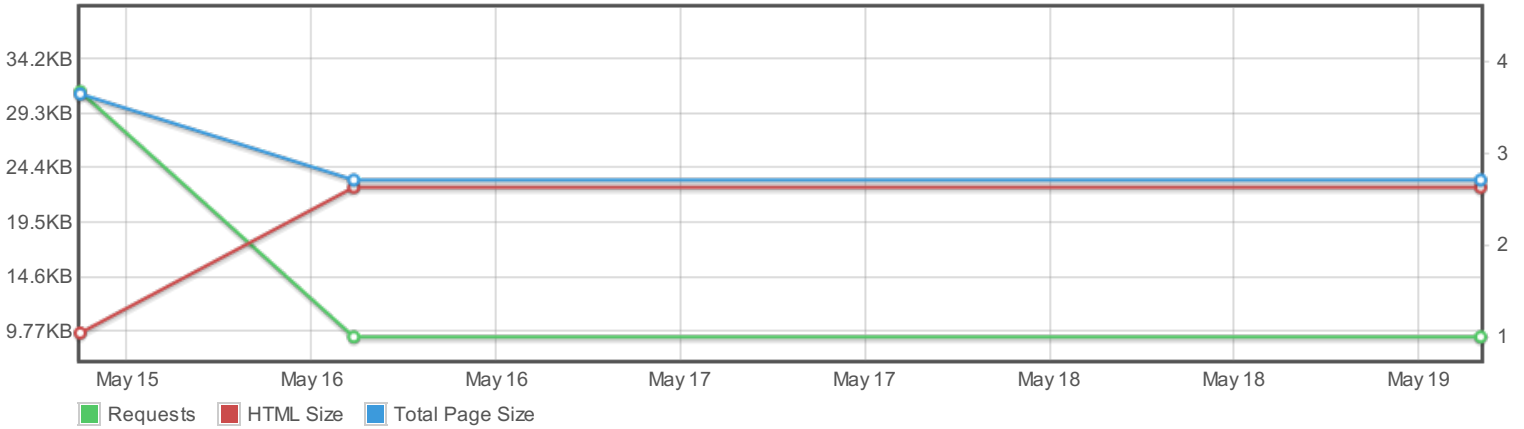
These will provide you with a snapshot of your performance.

## History

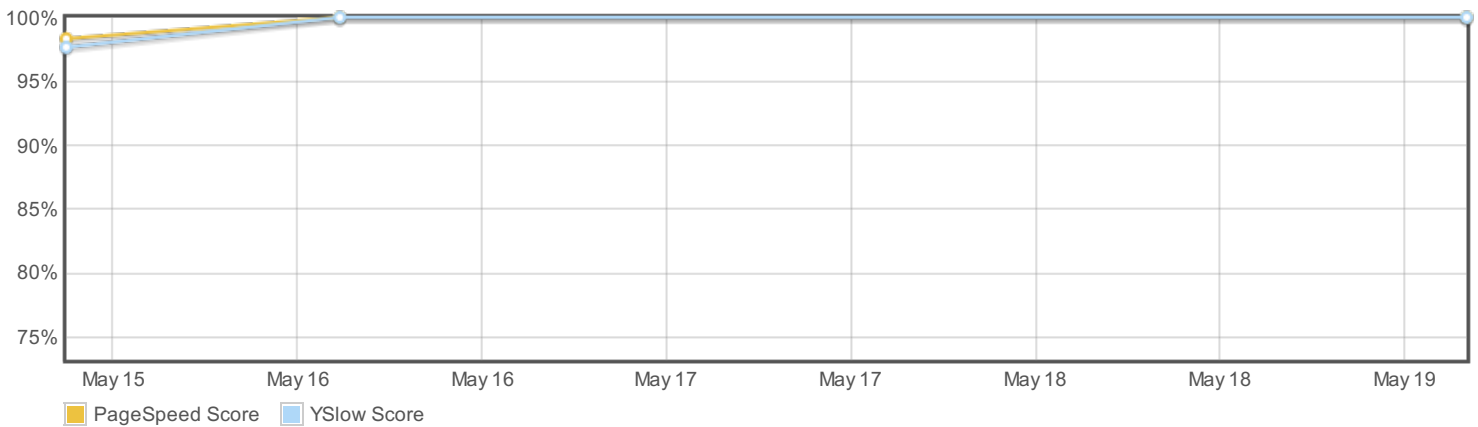
### Page load times



### Page sizes and request counts

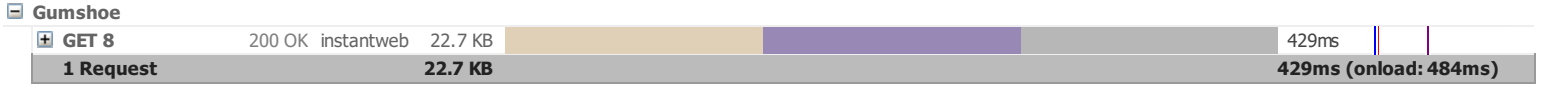


### PageSpeed and YSlow scores



## Waterfall Chart

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



## Page Load Timings



**Registered users have access to performance timings!**

Access our unique visualization of advanced timings like TTFB, DOM interactive, First paint, RUM Speed Index and more.

[Log in](#)

or

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## PageSpeed Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
<b>Minify HTML</b>	A (99)	◆ AVG SCORE: 98%	CONTENT	LOW
<p>Minify HTML for the following resources to reduce their size by 657B (4% reduction).</p> <ul style="list-style-type: none"> <li>Minifying <a href="http://instantwebapp.co.uk/8/">http://instantwebapp.co.uk/8/</a> could save 657B (4% reduction) after compression. See <a href="#">optimized version</a>.</li> </ul>				
<b>Avoid bad requests</b>	A (100)	◆ AVG SCORE: 98%	CONTENT	HIGH
<p>You scored 100% on this recommendation - nothing to do here!</p>				
<b>Avoid landing page redirects</b>	A (100)	◆ AVG SCORE: 98%	SERVER	HIGH
<p>You scored 100% on this recommendation - nothing to do here!</p>				
<b>Defer parsing of JavaScript</b>	A (100)	▲ AVG SCORE: 70%	JS	HIGH
<p>You scored 100% on this recommendation - nothing to do here!</p>				
<b>Enable gzip compression</b>	A (100)	▲ AVG SCORE: 81%	SERVER	HIGH
<p>You scored 100% on this recommendation - nothing to do here!</p>				
<b>Enable Keep-Alive</b>	A (100)	▲ AVG SCORE: 94%	SERVER	HIGH
<p>You scored 100% on this recommendation - nothing to do here!</p>				
<b>Inline small CSS</b>	A (100)	◆ AVG SCORE: 96%	CSS	HIGH
<p>You scored 100% on this recommendation - nothing to do here!</p>				
<b>Inline small JavaScript</b>	A (100)	◆ AVG SCORE: 95%	JS	HIGH
<p>You scored 100% on this recommendation - nothing to do here!</p>				
<b>Leverage browser caching</b>	A (100)	▲ AVG SCORE: 59%	SERVER	HIGH
<p>You scored 100% on this recommendation - nothing to do here!</p>				
<b>Minify CSS</b>	A (100)	▲ AVG SCORE: 94%	CSS	HIGH

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

<b>Minify JavaScript</b>	A (100)	▲ AVG SCORE: 87%	JS	HIGH
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You scored 100% on this recommendation - nothing to do here!

<b>Minimize redirects</b>	A (100)	▲ AVG SCORE: 87%	CONTENT	HIGH
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You scored 100% on this recommendation - nothing to do here!

<b>Minimize request size</b>	A (100)	◆ AVG SCORE: 98%	CONTENT	HIGH
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You scored 100% on this recommendation - nothing to do here!

<b>Optimize images</b>	A (100)	▲ AVG SCORE: 69%	IMAGES	HIGH
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You scored 100% on this recommendation - nothing to do here!

<b>Optimize the order of styles and scripts</b>	A (100)	◆ AVG SCORE: 96%	CSS/JS	HIGH
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You scored 100% on this recommendation - nothing to do here!

<b>Put CSS in the document head</b>	A (100)	◆ AVG SCORE: 100%	CSS	HIGH
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You scored 100% on this recommendation - nothing to do here!

<b>Serve resources from a consistent URL</b>	A (100)	▲ AVG SCORE: 89%	CONTENT	HIGH
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You scored 100% on this recommendation - nothing to do here!

<b>Serve scaled images</b>	A (100)	▲ AVG SCORE: 70%	IMAGES	HIGH
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You scored 100% on this recommendation - nothing to do here!

<b>Specify a cache validator</b>	A (100)	▲ AVG SCORE: 93%	SERVER	HIGH
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You scored 100% on this recommendation - nothing to do here!

<b>Combine images using CSS sprites</b>	A (100)	▲ AVG SCORE: 88%	IMAGES	HIGH
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You scored 100% on this recommendation - nothing to do here!

<b>Avoid CSS @import</b>	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

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!

**Specify image dimensions**

A (100)

AVG SCORE: 98%

IMAGES

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!

**Remove query strings from static resources**

A (100)

AVG SCORE: 90%

CONTENT

LOW

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

**Specify a Vary: Accept-Encoding header**

A (100)

AVG SCORE: 96%

SERVER

LOW

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

## YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
<a href="#">Add Expires headers</a>	A (100)	▲ AVG SCORE: 26%	SERVER	HIGH
You scored 100% on this recommendation - nothing to do here!				
<a href="#">Make fewer HTTP requests</a>	A (100)	▲ AVG SCORE: 34%	CONTENT	HIGH
You scored 100% on this recommendation - nothing to do here!				
<a href="#">Compress components with gzip</a>	A (100)	▲ AVG SCORE: 82%	SERVER	HIGH
You scored 100% on this recommendation - nothing to do here!				
<a href="#">Use a Content Delivery Network (CDN)</a>	A (100)	▲ AVG SCORE: 13%	SERVER	MEDIUM
Using a CDN YSlow doesn't recognize? Specify your CDNs in your <a href="#">User Settings</a> .				
<a href="#">Minify JavaScript and CSS</a>	A (100)	▲ AVG SCORE: 73%	CSS/JS	MEDIUM
You scored 100% on this recommendation - nothing to do here!				
<a href="#">Avoid URL redirects</a>	A (100)	▲ AVG SCORE: 87%	CONTENT	MEDIUM
You scored 100% on this recommendation - nothing to do here!				
<a href="#">Make AJAX cacheable</a>	A (100)	◆ AVG SCORE: 100%	JS	MEDIUM
You scored 100% on this recommendation - nothing to do here!				
<a href="#">Remove duplicate JavaScript and CSS</a>	A (100)	◆ AVG SCORE: 100%	CSS/JS	MEDIUM
You scored 100% on this recommendation - nothing to do here!				
<a href="#">Avoid AlphasLoader filter</a>	A (100)	◆ AVG SCORE: 99%	CSS	MEDIUM
You scored 100% on this recommendation - nothing to do here!				
<a href="#">Avoid HTTP 404 (Not Found) error</a>	A (100)	◆ AVG SCORE: 99%	CONTENT	MEDIUM
You scored 100% on this recommendation - nothing to do here!				



## Reduce the number of DOM elements

A (100)

▲ AVG SCORE: 93%

CONTENT

LOW

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

## Use cookie-free domains

A (100)

▲ AVG SCORE: 47%

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: 99%

CSS

LOW

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

## Reduce DNS lookups

A (100)

▲ AVG SCORE: 70%

CONTENT

LOW

- instantwebapp.co.uk: 1 component, 75.4K (23.1K 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: 85%

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