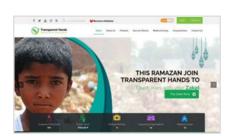
Executive Summary



Performance Report for:

http://thstaging.zigron.com/

Report generated: Thu, Jun 28, 2018, 3:08 AM -0700

Test Server Region: | Vancouver, Canada

Using: O Chrome (Desktop) 62.0.3202.94, PageSpeed 1.15-

qt1, YSlow 3.1.8

PageSpeed Score

E(59%) ~

YSlow Score

D(63%) ~

Fully Loaded Time

3.3s **^**

Total Page Size

5.46MB *

Requests

91^

Top 5 Priority Issues

Enable gzip compression	F (0)	◇ AVG SCORE: 84%	SERVER	HIGH
Optimize images	F (0)	♦ AVG SCORE: 69%	IMA GES	HIGH
Serve resources from a consistent URL	F (31)	✓ AVG SCORE: 88%	CONTENT	HIGH
Minify CSS	D (66)	✓ AVG SCORE: 95%	CSS	HIGH
Defer parsing of JavaScript	B (84)	AVG SCORE: 69%	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



GTmetrix is developed by the good folks at **GT.net**, a Vancouver-based performance hosting company with over 22 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:

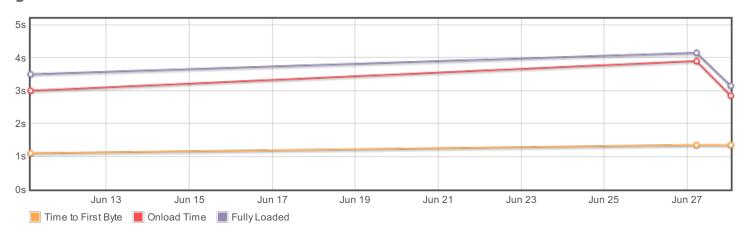
- Executive: Overall score information and Priority Issues
- History: Graphed history of past performance
- Waterfall: Graph of your site's loading timeline
- Technical: In-depth PageSpeed & YSlow information

These will provide you with a snapshot of your performance.

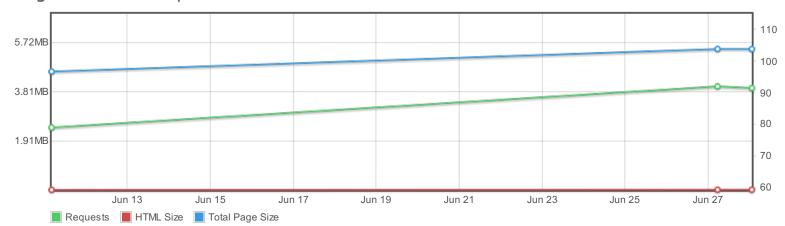


History

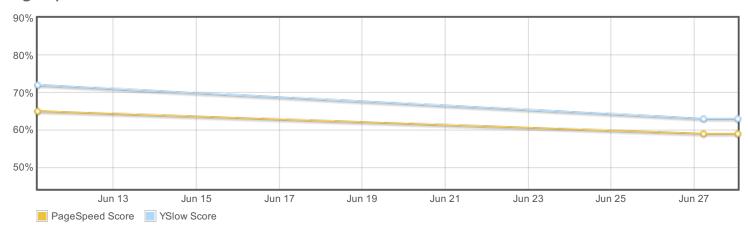
Page load times



Page sizes and request counts



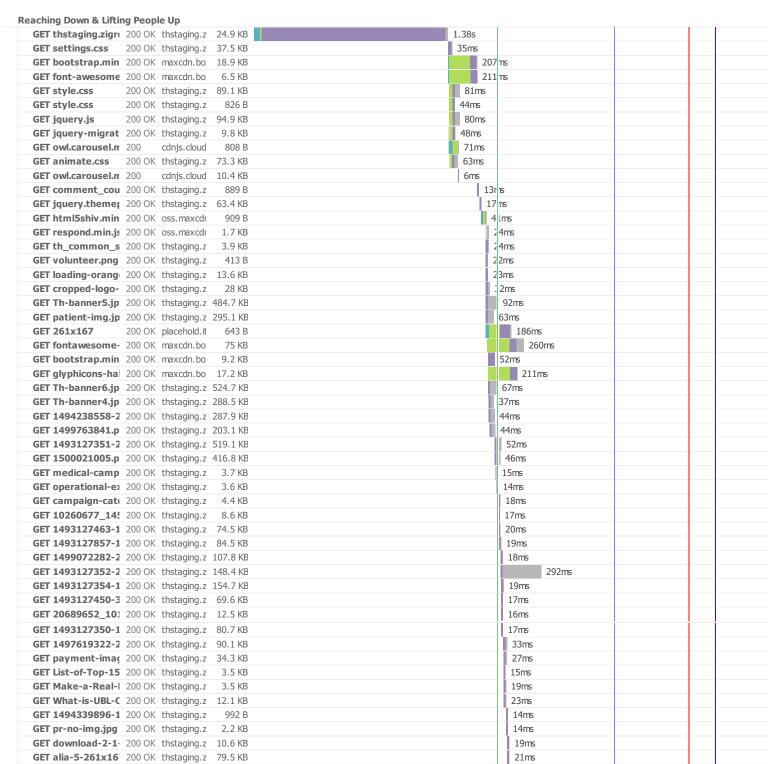
PageSpeed and YSlow scores





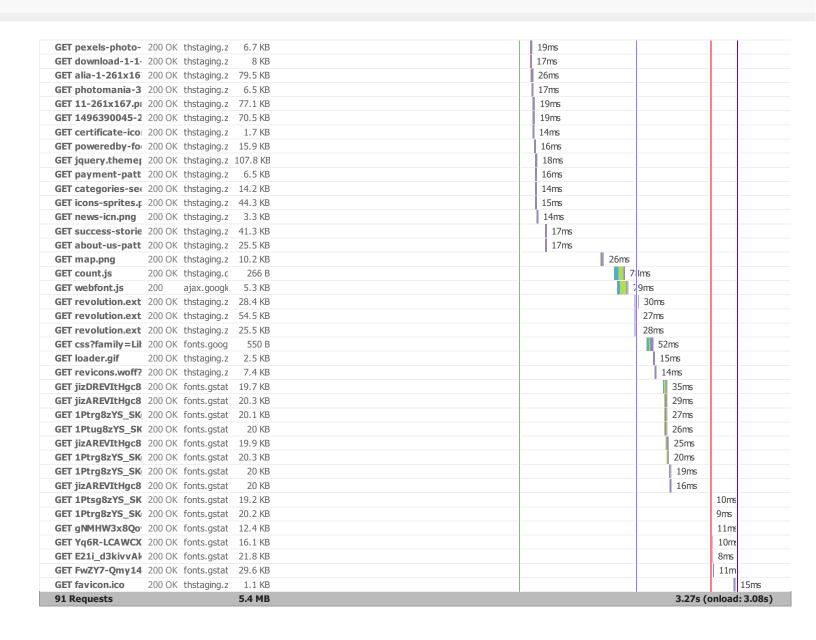
Waterfall Chart

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.





Waterfall Chart





PageSpeed Recommendations

PageSpeed Recommendations

Fig.	RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Serve resources from a consistent URL Minity CSS Definition small JavaScript Defor parsing of JavaScript Deform parsing of JavaSc	Enable gzip compression	F (0)	✓ AVG SCORE: 84%	SERVER	HIGH
Minify CSS Defer parsing of JavaScript Sig43 A VG SCORE: 89% CONTENT LOW Specify image dimensions A (89) A VG SCORE: 89% A VG SCORE: 89% CONTENT LOW Remove query strings from static resources A (87) A VG SCORE: 89% CONTENT LOW A VG SCORE: 89% CONTENT LOW A VG SCORE: 89% CONTENT HOH A VG SCORE: 89% CONTENT HOH Minimize redirects A (100) A VG SCORE: 89% CONTENT HOH Minimize request size A (100) A VG SCORE: 89% CONTENT HOH Minimize request size A (100) A VG SCORE: 89% CONTENT HOH Minimize request size A (100) A VG SCORE: 89% CONTENT HOH Minimize request size A (100) A VG SCORE: 89% CONTENT HOH Minimize request size A (100) A VG SCORE: 89% CONTENT HOH CONTENT HOH CONTENT HOH A VG SCORE: 89% CONTENT HOH COMBine images using CSS sprites A (100) A VG SCORE: 90% A VG SCORE: 90% B MAGES HOH Combine images using CSS sprites A (100) A VG SCORE: 90% A VG SCORE	Optimize images	F (0)	∨ AVG SCORE: 69%	IMA GES	HIGH
Defer parsing of JavaScript	Serve resources from a consistent URL	F (31)	✓ AVG SCORE: 88%	CONTENT	HIGH
Inline small CSS	Minify CSS	D (66)	∨ AVG SCORE: 95%	CSS	HIGH
Inline small JavaScript	Defer parsing of JavaScript	B (84)	▲ AVG SCORE: 69%	JS	HIGH
Minify JavaScript Leverage browser caching A (86) A VG SCORE 88% A VG SCORE 58% SERVER HIGH Minify HTML A (89) A VG SCORE 58% CONTENT LOW Specify image dimensions A (89) A VG SCORE 98% SERVER LOW Remove query strings from static resources A (87) A VG SCORE 88% CONTENT LOW A VG SCORE 88% CONTENT LOW A VG SCORE 88% CONTENT LOW A VG SCORE 88% CONTENT HIGH A VOID Image dimensions A (89) A VG SCORE 88% CONTENT HIGH Minimize redurects A (100) A VG SCORE 88% SERVER HIGH Minimize request size A (100) A VG SCORE 88% CONTENT HIGH Minimize redurects A (100) A VG SCORE 88% CONTENT HIGH CONTENT HIGH MINIMIZE redured fixed and scripts A (100) A VG SCORE 88% CONTENT HIGH CONTENT HIGH CONTENT HIGH COSS in the document head A (100) A VG SCORE 98% CSS JS HIGH Serve scaled images A (100) A VG SCORE 98% CSS HIGH Serve scaled images A (100) A VG SCORE 98% CSS HIGH Combine images using CSS sprites A (100) A VG SCORE 98% CSS MEDIUM Prefer asynchronous resources A (100) A VG SCORE 98% CSS MEDIUM Prefer asynchronous resources A (100) A VG SCORE 98% CSS MEDIUM Prefer asynchronous resources A (100) A VG SCORE 98% CSS MEDIUM Prefer asynchronous resources A (100) A VG SCORE 98% CSS MEDIUM Prefer asynchronous resources A (100) A VG SCORE 98% CONTENT MEDIUM A VG SCORE 98% A VG SCORE 98% CONTENT MEDIUM A VG SCORE 98% A VG SCORE 98% CONTENT MEDIUM A VG SCORE 98% A VG SCORE 98% CONTENT MEDIUM A VG SCORE 98% A VG SCORE 98% CONTENT MEDIUM A VG SCORE 98% A VG SCORE 98% CONTENT MEDIUM A VG SCORE 98% A VG SCORE 98% A VG SCORE 98% A VG SCORE 98% CONTENT MEDIUM A VG SCORE 98% A VG SCORE 98% CONTENT MEDIUM A VG SCORE 98% A VG SCORE 98% CONTENT MEDIUM A VG SCORE 98%	Inline small CSS	A (92)	♦ AVG SCORE: 96%	CSS	HIGH
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	Prefer asynchronous resources	A (100)	♦ AVG SCORE: 100%	JS	MEDIUM
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	Avoid a character set in the meta tag	A (100)	♦ AVG SCORE: 100%	CONTENT	LOW



YSlow Recommendations

YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Compress components with gzip	F (0)	★ AVG SCORE: 85%	SERVER	HIGH
Make fewer HTTP requests	F (22)	★ AVG SCORE: 32%	CONTENT	HIGH
Use a Content Delivery Network (CDN)	F (0)	➤ AVG SCORE: 21%	SERVER	MEDIUM
Use cookie-free domains	F (0)	➤ AVG SCORE: 50%	COOKIE	LOW
Add Expires headers	C (78)	▲ AVG SCORE: 26%	SERVER	HIGH
Minify JavaScript and CSS	E (50)	➤ AVG SCORE: 71%	CSS/JS	MEDIUM
Reduce DNS lookups	B (80)	AVG SCORE: 70%	CONTENT	LOW
Reduce the number of DOM elements	B (89)	♦ AVG SCORE: 92%	CONTENT	LOW
Avoid URL redirects	A (100)	▲ AVG SCORE: 88%	CONTENT	MEDIUM
Make AJAX cacheable	A (100)	♦ AVG SCORE: 100%	JS	MEDIUM
Remove duplicate JavaScript and CSS	A (100)	♦ AVG SCORE: 100%	CSS/JS	MEDIUM
Avoid AlphalmageLoader filter	A (100)	♦ AVG SCORE: 99%	CSS	MEDIUM
Avoid HTTP 404 (Not Found) error	A (100)	♦ AVG SCORE: 98%	CONTENT	MEDIUM
Use GET for AJAX requests	A (100)	♦ AVG SCORE: 100%	JS	LOW
Avoid CSS expressions	A (100)	♦ AVG SCORE: 99%	CSS	LOW
Reduce cookie size	A (100)	♦ AVG SCORE: 100%	COOKIE	LOW
Make favicon small and cacheable	A (100)	♦ AVG SCORE: 100%	IMA GES	LOW
Configure entity tags (ETags)	A (100)	▲ AVG SCORE: 91%	SERVER	LOW
Make JavaScript and CSS external	(n/a)		CSS/JS	MEDIUM