





Performance Report for:

https://www.inmotionhosting.com/

Report generated: Fri, Dec 7, 2018, 12:01 PM -0600

Test Server Region: | Vancouver, Canada

PageSpeed 1.15-qt1, YSlow 3.1.8

PageSpeed Score

B(81%) ^

YSlow Score

D(68%) •

Fully Loaded Time

14.0s **~**

Total Page Size

1.02MB ^

Requests

90 ^

Top 5 Priority Issues

Minimize redirects	F (32)	₩ AVG SCORE: 89%	CONTENT	HIGH
Leverage browser caching	F (37)	❤ AVG SCORE: 61%	SERVER	HIGH
Specify a cache validator	B (84)	✓ AVG SCORE: 94%	SERVER	HIGH
Inline small JavaScript	B (87)	✓ AVG SCORE: 95%	JS	HIGH
Minimize request size	A (91)	♦ AVG SCORE: 96%	CONTENT	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:

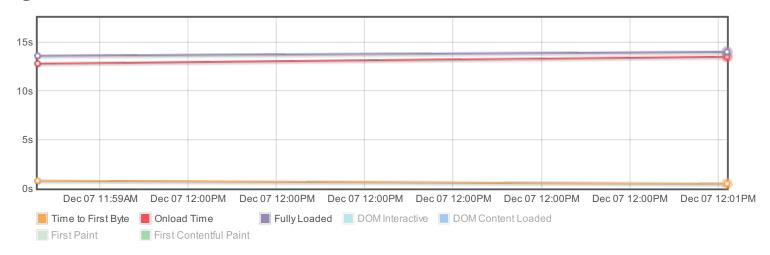
- Executive: Overall score information and Priority Issues
- History: Graphed history of past performance
- Waterfall: Graph of your site's loading timeline
- Technical: In-depth PageSpeed & YSlow information

These will provide you with a snapshot of your performance.

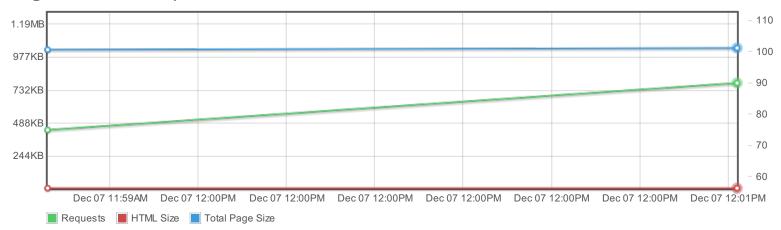


History

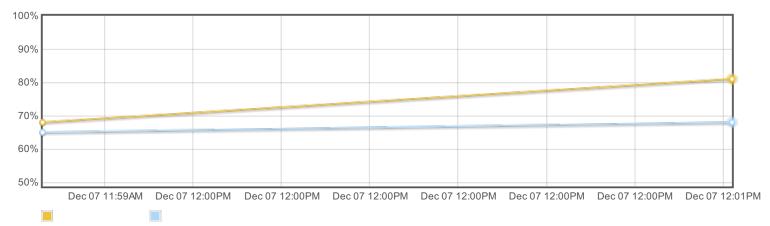
Page load times



Page sizes and request counts



PageSpeed and YSlow scores



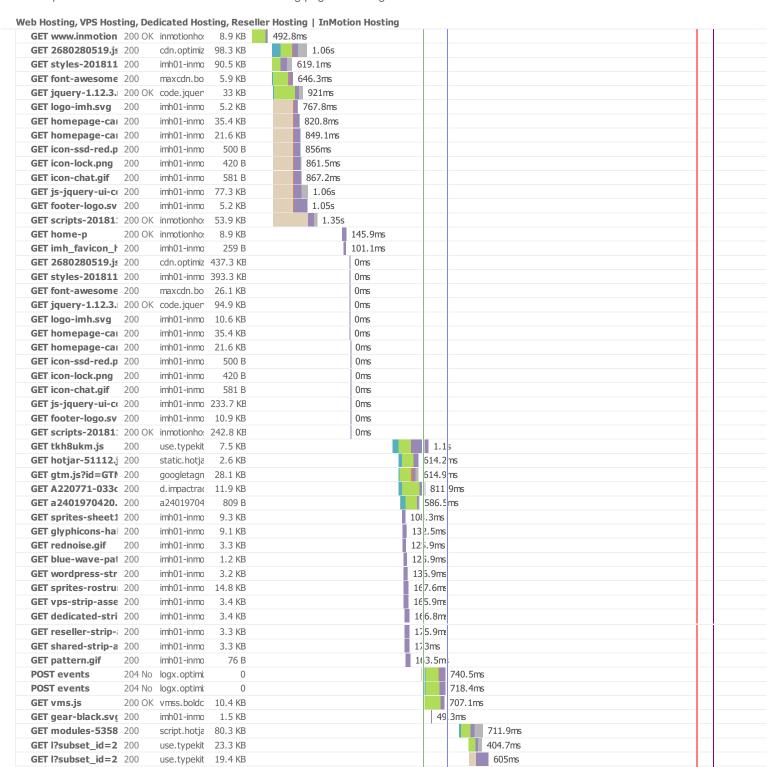






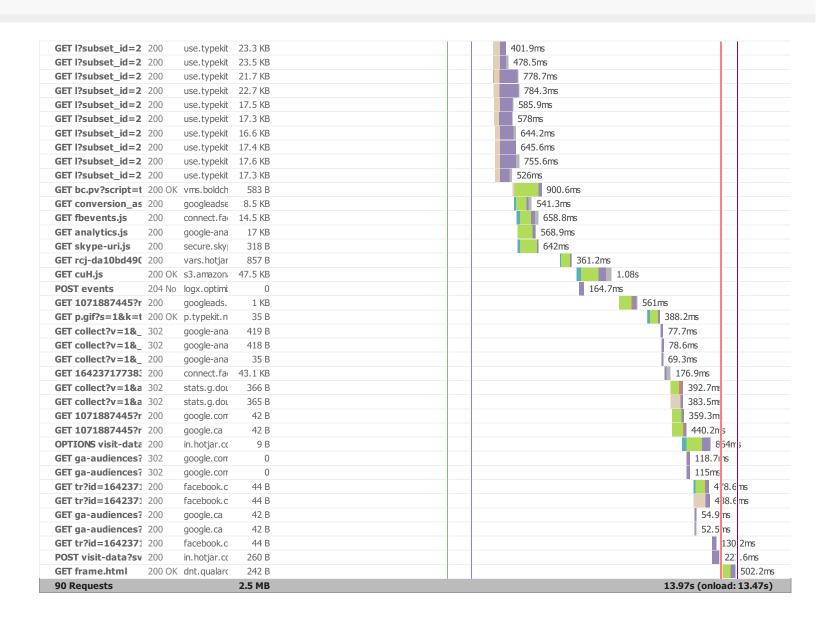
Waterfall Chart

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



Page Load Timings

RUM Speed Index: 5,172

Redirect	Connect	Backend	TTFB
Oms	407ms	74ms	481ms
First paint	Contentful paint	DOM int.	DOM loaded
5.2s	5.2s	5.2s	5.9s (156ms)
Onload 13.5s (21ms)			

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 is our "Why is my page slow" article.

Time to First Byte (TTFB)



Page Load Timings



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

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



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

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

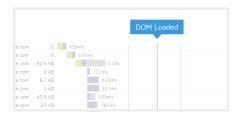
DOM interactive time



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.



Page Load Timings

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 <u>style and script order is optimized</u> and that <u>parsing of JavaScript is deferred</u>.

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 Feburary 8th, 2017.



PageSpeed Recommendations

PageSpeed Recommendations

Minimize redirects	RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Specify a cache validator Inline small JavaScript Inline small JavaScript Inline small CSS Inline JavaScript Inline	Minimize redirects	F (32)	❤ AVG SCORE: 89%	CONTENT	HIGH
Inline small JavaScript □ 1887 □	Leverage browser caching	F (37)	✓ AVG SCORE: 61%	SERVER	HIGH
Minimize request size	Specify a cache validator	B (84)	❤ AVG SCORE: 94%	SERVER	HIGH
Optimize the order of styles and scripts A 820 ◆ AVG SCORE: 89% CSSUS HGH Minify JavaScript A 680 ♣ AVG SCORE: 89% JS HGH Optimize images A 680 ♣ AVG SCORE: 89% CONITENT LOW Minify HTML A 680 ♣ AVG SCORE: 98% CONITENT LOW Specify image dimensions A 689 ♣ AVG SCORE: 82% SERVER HGH Specify a character set early A 689 ♣ AVG SCORE: 82% SERVER HGH Specify a Vary: Accept-Encoding header A 699 ♣ AVG SCORE: 88% CONTENT MEDIUM Remove query strings from static resources A 697 ♣ AVG SCORE: 88% CONTENT LOW Avoid bad requests A (100) ♣ AVG SCORE: 88% CONTENT HGH Avoid landing page redirects A (100) ♣ AVG SCORE: 88% CONTENT HGH Defer parsing of JavaScript A (100) ♣ AVG SCORE: 98% SERVER HGH Enable Keep-Alive A (100) ♣ AVG SCORE: 98% CSS HGH Inline small CSS A (Inline small JavaScript	B (87)	❤ AVG SCORE: 95%	JS	HIGH
Minify JavaScript A (88) A VG SCORE: 89% JS HGH Optimize images A (88) A VG SCORE: 71% MAGES HGH Minify HTML A (89) A VG SCORE: 98% CONTENT LOW Specify image dimensions A (89) A VG SCORE: 98% MAGES MEDIUM Enable gzip compression A (89) A VG SCORE: 82% SERVER HGH Specify a character set early A (69) A VG SCORE: 82% SERVER HGH Specify a Vary: Accept-Encoding header A (69) A VG SCORE: 96% SERVER LOW Remove query strings from static resources A (67) A VG SCORE: 96% SERVER LOW Avoid bad requests A (100) A VG SCORE: 96% CONTENT LOW Avoid landing page redirects A (100) A VG SCORE: 96% CONTENT HGH Defer parsing of JavaScript A (100) A VG SCORE: 96% CSEN HGH Enable Keep-Alive A (100) A VG SCORE: 97% SERVER HGH Inline small CSS A (100) A VG SCORE: 96%	Minimize request size	A (91)	♦ AVG SCORE: 96%	CONTENT	HIGH
Optimize images A (88) A NG SCORE 71% IMAGES HIGH Minify HTML A (89) A NG SCORE 98% CONTENT LOW Specify image dimensions A (89) A NG SCORE 98% MAGES MEDILM Enable gzip compression A (89) A NG SCORE 98% SERVER HIGH Specify a character set early A (89) A NG SCORE 98% SERVER HIGH Specify a Vary: Accept-Encoding header A (82) A NG SCORE 98% SERVER LOW Remove query strings from static resources A (97) A NG SCORE 98% CONTENT LOW Avoid bad requests A (100) A NG SCORE 98% CONTENT HIGH Avoid landing page redirects A (100) A NG SCORE 98% SERVER HIGH Defer parsing of JavaScript A (100) A NG SCORE 98% SERVER HIGH Enable Keep-Alive A (100) A NG SCORE 97% SERVER HIGH Inline small CSS A (100) A NG SCORE 98% CSS HIGH Minify CSS A (100) A NG SCORE 98% CSS HIGH Serve resources from a consistent URL<	Optimize the order of styles and scripts	A (92)	♦ AVG SCORE: 95%	CSS/JS	HIGH
Minify HTML A (99) A VG SCORE 98% CONTENT LOW Specify image dimensions A (99) A AVG SCORE 98% MAGES MEDIUM Enable gzip compression A (99) A AVG SCORE 82% SERVER HIGH Specify a character set early A (99) A VG SCORE 100% CONTENT MEDIUM Specify a Vary: Accept-Encoding header A (92) A VG SCORE 96% SERVER LOW Remove query strings from static resources A (97) A AVG SCORE 96% SERVER LOW Avoid bad requests A (100) A AVG SCORE 98% CONTENT LOW Avoid landing page redirects A (100) A AVG SCORE 98% SERVER HIGH Defer parsing of JavaScript A (100) A AVG SCORE 98% SERVER HIGH Enable Keep-Alive A (100) A AVG SCORE 98% CSS HIGH Inline small CSS A (100) A AVG SCORE 98% CSS HIGH Minify CSS A (100) A AVG SCORE 98% CONTENT HIGH Server resources from a consistent URL A	Minify JavaScript	A (98)	▲ AVG SCORE: 89%	JS	HIGH
Specify image dimensions A 999 AVG SCORE 98% BMAGES MEDIUM Specify a character set early A 999 AVG SCORE 98% SERVER HIGH Specify a character set early A 999 AVG SCORE 98% SERVER HIGH Specify a Vary: Accept-Encoding header A 920 AVG SCORE 98% SERVER LOW Remove query strings from static resources A 977 A VG SCORE 98% CONTENT LOW AVG SCORE 98% CONTENT HIGH AVOID AVG SCORE 98% CONTENT HIGH Defer parsing of JavaScript A 1000 A VG SCORE 98% SERVER HIGH Enable Keep-Alive Inline small CSS A 1000 A VG SCORE 98% CSS HIGH Minify CSS A 1000 A VG SCORE 98% CSS HIGH Serve resources from a consistent URL A 1000 A VG SCORE 98% CSS HIGH Serve scaled images A 1000 A VG SCORE 98% CSS HIGH Combine images using CSS sprites A 1000 A VG SCORE 98% CSS MEDIUM Prefer asynchronous resources A 1000 A VG SCORE 98% CSS MEDIUM Prefer asynchronous resources A 1000 A VG SCORE 98% CSS MEDIUM Prefer asynchronous resources A 1000 A VG SCORE 98% CSS MEDIUM	Optimize images	A (98)	▲ AVG SCORE: 71%	IMA GES	HIGH
Enable gzip compression A (89) A (89) A (89) A (89) A (80) A (8	Minify HTML	A (99)	♦ AVG SCORE: 98%	CONTENT	LOW
Specify a character set early A (89) AVG SCORE 100% CONTENT MEDIUM Specify a Vary: Accept-Encoding header A (92) A VG SCORE 96% SERVER LOW Remove query strings from static resources A (97) A AVG SCORE 88% CONTENT LOW Avoid bad requests A (100) A AVG SCORE 98% CONTENT HIGH Avoid landing page redirects A (100) A AVG SCORE 98% SERVER HIGH Defer parsing of JavaScript A (100) A AVG SCORE 98% SERVER HIGH Enable Keep-Alive A (100) A AVG SCORE 97% SERVER HIGH Inline small CSS A (100) A AVG SCORE 96% CSS HIGH Minify CSS A (100) A AVG SCORE 96% CSS HIGH Put CSS in the document head A (100) A AVG SCORE 95% CSS HIGH Serve resources from a consistent URL A (100) A AVG SCORE 89% CONTENT HIGH Serve scaled images A (100) A AVG SCORE 90% CONTENT HIGH Combine images using CSS sprites A (100) A AVG SCORE 90% CSS MEDIUM	Specify image dimensions	A (99)	♦ AVG SCORE: 98%	IMA GES	MEDIUM
Specify a Vary: Accept-Encoding header A (82) A VG SCORE 96% SERVER LOW Remove query strings from static resources A (97) A AVG SCORE 88% CONTENT LOW Avoid bad requests A (100) AVG SCORE 98% CONTENT HIGH Avoid landing page redirects A (100) AVG SCORE 98% SERVER HIGH Defer parsing of JavaScript A (100) AVG SCORE 71% JS HIGH Enable Keep-Alive A (100) AVG SCORE 97% SERVER HIGH Inline small CSS A (100) AVG SCORE 96% CSS HIGH Minify CSS A (100) AVG SCORE 96% CSS HIGH Put CSS in the document head A (100) AVG SCORE 95% CSS HIGH Serve resources from a consistent URL A (100) AVG SCORE 98% CONTENT HIGH Serve scaled images A (100) A AVG SCORE 98% BMAGES HIGH Combine images using CSS sprites A (100) A AVG SCORE 98% CSS MEDIUM Prefer asynchronous resources A (100) A AVG SCORE 100% JS MEDIUM	Enable gzip compression	A (99)	▲ AVG SCORE: 82%	SERVER	HIGH
Remove query strings from static resources A (97) A VG SCORE 88% CONTENT HIGH Avoid bad requests A (100) A VG SCORE 98% CONTENT HIGH Avoid landing page redirects A (100) A VG SCORE 98% SERVER HIGH Defer parsing of JavaScript A (100) A VG SCORE 98% SERVER HIGH Enable Keep-Alive A (100) A VG SCORE 97% SERVER HIGH Inline small CSS A (100) A VG SCORE 96% CSS HIGH Minify CSS A (100) A VG SCORE 96% CSS HIGH Put CSS in the document head A (100) A VG SCORE 100% CSS HIGH Serve resources from a consistent URL A (100) A VG SCORE 89% CONTENT HIGH Serve scaled images A (100) A VG SCORE 99% MAGES HIGH Combine images using CSS sprites A (100) A VG SCORE 90% MAGES HIGH Avoid CSS @import A (100) A VG SCORE 90% MAGES HIGH Avoid CSS @import A (100) A VG SCORE 90% MAGES HIGH Avoid CSS @import A (100) A VG SCORE 98% CSS MEDIUM Prefer asynchronous resources	Specify a character set early	A (99)	♦ AVG SCORE: 100%	CONTENT	MEDIUM
Avoid bad requests A (100) AVG SCORE 98% CONTENT HIGH Avoid landing page redirects A (100) AVG SCORE 98% SERVER HIGH Defer parsing of JavaScript A (100) A	Specify a Vary: Accept-Encoding header	A (92)	♦ AVG SCORE: 96%	SERVER	LOW
Avoid landing page redirects A (100) AVG SCORE 98% SERVER HIGH Defer parsing of JavaScript A (100) A AVG SCORE 71% JS HIGH Enable Keep-Alive A (100) A VG SCORE 97% SERVER HIGH Inline small CSS A (100) A VG SCORE 97% CSS HIGH Minify CSS A (100) A VG SCORE 95% CSS HIGH Put CSS in the document head A (100) A VG SCORE 95% CSS HIGH Serve resources from a consistent URL A (100) A VG SCORE 89% CONTENT HIGH Serve scaled images A (100) A VG SCORE 99% IMAGES HIGH Combine images using CSS sprites A (100) A VG SCORE 90% IMAGES HIGH Avoid CSS @import A (100) A VG SCORE 98% CSS MEDIUM Prefer asynchronous resources A (100) A VG SCORE 100% JS MEDIUM	Remove query strings from static resources	A (97)	▲ AVG SCORE: 88%	CONTENT	LOW
Defer parsing of JavaScript A (100) A VG SCORE 71% JS HIGH Enable Keep-Alive A (100) A VG SCORE 97% SERVER HIGH Inline small CSS A (100) A VG SCORE 96% CSS HIGH Minify CSS A (100) A VG SCORE 95% CSS HIGH Put CSS in the document head A (100) A VG SCORE 100% CSS HIGH Serve resources from a consistent URL A (100) A AVG SCORE 89% CONTENT HIGH Serve scaled images A (100) A AVG SCORE 73% IMAGES HIGH Combine images using CSS sprites A (100) A AVG SCORE 90% IMAGES HIGH Avoid CSS @import A (100) A VG SCORE 98% CSS MEDIUM Prefer asynchronous resources A (100) A VG SCORE 100% JS MEDIUM	Avoid bad requests	A (100)	♦ AVG SCORE: 98%	CONTENT	HIGH
Enable Keep-Alive Inline small CSS A (100) A VG SCORE 97% SERVER HIGH Inline small CSS A (100) A VG SCORE 96% CSS HIGH Minify CSS A (100) A VG SCORE 95% CSS HIGH Put CSS in the document head A (100) A VG SCORE 100% CSS HIGH Serve resources from a consistent URL A (100) A VG SCORE 89% CONTENT HIGH Serve scaled images A (100) A VG SCORE 73% IMAGES HIGH Combine images using CSS sprites A (100) A VG SCORE 90% IMAGES HIGH Avoid CSS @import A (100) A VG SCORE 98% CSS MEDIUM Prefer asynchronous resources A (100) A VG SCORE 100% JS MEDIUM	Avoid landing page redirects	A (100)	♦ AVG SCORE: 98%	SERVER	HIGH
Inline small CSS A (100) A VG SCORE: 96% CSS HIGH Minify CSS A (100) A VG SCORE: 95% CSS HIGH Put CSS in the document head A (100) A VG SCORE: 100% CSS HIGH Serve resources from a consistent URL A (100) A VG SCORE: 100% CSS HIGH Serve scaled images A (100) A VG SCORE: 73% IMAGES HIGH Combine images using CSS sprites A (100) A VG SCORE: 90% IMAGES HIGH Avoid CSS @import A (100) A VG SCORE: 98% CSS MEDIUM Prefer asynchronous resources A (100) A VG SCORE: 100% JS MEDIUM	Defer parsing of JavaScript	A (100)	▲ AVG SCORE: 71%	JS	HIGH
Minify CSS A (100) ♦ AVG SCORE: 95% CSS HIGH Put CSS in the document head A (100) ♦ AVG SCORE: 100% CSS HIGH Serve resources from a consistent URL A (100) ♠ AVG SCORE: 89% CONTENT HIGH Serve scaled images A (100) ♠ AVG SCORE: 73% IMAGES HIGH Combine images using CSS sprites A (100) ♠ AVG SCORE: 90% IMAGES HIGH Avoid CSS @import A (100) ♠ AVG SCORE: 98% CSS MEDIUM Prefer asynchronous resources A (100) ♠ AVG SCORE: 100% JS MEDIUM	Enable Keep-Alive	A (100)	♦ AVG SCORE: 97%	SERVER	HIGH
Put CSS in the document head A (100) ♦ AVG SCORE: 100% CSS HIGH Serve resources from a consistent URL A (100) ♠ AVG SCORE: 89% CONTENT HIGH Serve scaled images A (100) ♠ AVG SCORE: 73% IMAGES HIGH Combine images using CSS sprites A (100) ♠ AVG SCORE: 90% IMAGES HIGH Avoid CSS @import A (100) ♠ AVG SCORE: 98% CSS MEDIUM Prefer asynchronous resources A (100) ♠ AVG SCORE: 100% JS MEDIUM	Inline small CSS	A (100)	♦ AVG SCORE: 96%	CSS	HIGH
Serve resources from a consistent URL A (100) A VG SCORE 89% CONTENT HIGH Serve scaled images A (100) A VG SCORE 73% IMAGES HIGH Combine images using CSS sprites A (100) A VG SCORE 90% IMAGES HIGH Avoid CSS @import A (100) A VG SCORE 98% CSS MEDIUM Prefer asynchronous resources A (100) A VG SCORE 100% JS MEDIUM	Minify CSS	A (100)	♦ AVG SCORE: 95%	CSS	HIGH
Serve scaled images A (100) ♠ AVG SCORE: 73% IMAGES HIGH Combine images using CSS sprites A (100) ♠ AVG SCORE: 90% IMAGES HIGH Avoid CSS @import A (100) ♠ AVG SCORE: 98% CSS MEDIUM Prefer asynchronous resources A (100) ♠ AVG SCORE: 100% JS MEDIUM	Put CSS in the document head	A (100)	♦ AVG SCORE: 100%	CSS	HIGH
Combine images using CSS sprites A (100) ♠ AVG SCORE: 90% IMAGES HIGH Avoid CSS @import A (100) ♠ AVG SCORE: 98% CSS MEDIUM Prefer asynchronous resources A (100) ♠ AVG SCORE: 100% JS MEDIUM	Serve resources from a consistent URL	A (100)	AVG SCORE: 89%	CONTENT	HIGH
Avoid CSS @import A (100) A VG SCORE: 98% CSS MEDIUM Prefer asynchronous resources A (100) A VG SCORE: 100% JS MEDIUM	Serve scaled images	A (100)	▲ AVG SCORE: 73%	IMA GES	HIGH
Prefer asynchronous resources A (100) A VG SCORE: 100% JS MEDIUM	Combine images using CSS sprites	A (100)	▲ AVG SCORE: 90%	IMAGES	HIGH
	Avoid CSS @import	A (100)	♦ AVG SCORE: 98%	CSS	MEDIUM
Avoid a character set in the meta tag A (99) AVG SCORE: 100% CONTENT LOW	Prefer asynchronous resources	A (100)	♦ AVG SCORE: 100%	JS	MEDIUM
	Avoid a character set in the meta tag	A (99)	♦ AVG SCORE: 100%	CONTENT	LOW



PageSpeed Recommendations

Avoid Plugins
A (100)
AVG SCORE: 100% CONTENT LOW



YSlow Recommendations

YSlow Recommendations

Add Expires headers F(0) ✓ AVG SCORE 26% SERVER HIGH Make fewer HTTP requests ■ AVG SCORE 32% CONTENT HIGH Use a Content Delivery Network (CDN) ■ (65) AVG SCORE 23% SERVER MEDIUM Reduce DNS lookups F(0) ✓ AVG SCORE 68% CONTENT LOW Avoid URL redirects ■ (60) ✓ AVG SCORE 68% CONTENT MEDIUM Compress components with gzip ■ (89) ✓ AVG SCORE 68% SERVER HIGH Use cookie-free domains © (70) ✓ AVG SCORE 68% SERVER HIGH Use cookie-free domains © (70) ✓ AVG SCORE 68% SERVER HIGH Use cookie-free domains © (70) ✓ AVG SCORE 68% SERVER HIGH Use cookie-free domains © (70) ✓ AVG SCORE 68% SERVER HIGH Use cookie-free domains © (70) ✓ AVG SCORE 68% SERVER HIGH Use cookie-free domains Ø (70) ✓ AVG SCORE 62% COSUI MEDIUM Make AJAX cacheable Ø (100) Ø AVG SCORE 100% <th>RECOMMENDATION</th> <th>GRADE</th> <th>RELATIVE</th> <th>TYPE</th> <th>PRIORITY</th>	RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Use a Content Delivery Network (CDN) Reduce DNS lookups F(0) A VG SCORE 23% SERVER MEDIUM A VG SCORE 69% CONTENT LOW A VG SCORE 69% CONTENT LOW A VG SCORE 89% CONTENT MEDIUM Compress components with gzip B 899 A VG SCORE 89% CONTENT MEDIUM Compress components with gzip B 899 A VG SCORE 86% SERVER HIGH Use cookie-free domains C(70) A VG SCORE 52% COOKIE LOW Minify JavaScript and CSS A (100) A VG SCORE 71% CSS/US MEDIUM Remove duplicate JavaScript and CSS A (100) A VG SCORE 100% A VG SCORE 100% CSS/US MEDIUM A VG SCORE 99% CSS LOW A VG SCORE 99% CSS LOW Make favicon small and cacheable A (100) A VG SCORE 100% A VG SCORE 99% CSS LOW Configure entity tags (ETags)	Add Expires headers	F (0)	➤ AVG SCORE: 26%	SERVER	HIGH
Reduce DNS lookups F (0) Avoid URL redirects F (0) Av G SCORE 69% CONTENT LOW Avoid URL redirects Compress components with gzip B (89) AVG SCORE 86% SERVER HIGH Use cookie-free domains C76) AVG SCORE 52% COOKIE LOW Minify JavaScript and CSS A (100) AVG SCORE 71% CSSUS MEDIUM Remove duplicate JavaScript and CSS A (100) AVG SCORE 100% AVG SCORE 100% CSSUS MEDIUM Avoid Alphalmage Loader filter A (100) AVG SCORE 99% CSS MEDIUM Avoid HTTP 404 (Not Found) error A (100) AVG SCORE 98% CONTENT MEDIUM Reduce the number of DOM elements A (100) AVG SCORE 98% CONTENT MEDIUM Reduce the number of DOM elements A (100) AVG SCORE 98% CONTENT LOW AVG SCORE 99% CSS MEDIUM AVOID CONTENT MEDIUM Reduce the number of DOM elements A (100) AVG SCORE 99% CSS LOW AVG SCORE 99% CSS LOW Reduce cookie size A (100) AVG SCORE 100% AVG SCORE 99% CSS LOW Avoid CSS expressions A (100) AVG SCORE 100% AVG SCORE 100% AVG SCORE 100% AVG SCORE 100% SERVER LOW Make favicon small and cacheable A (100) A (Make fewer HTTP requests	F (44)	▲ AVG SCORE: 32%	CONTENT	HIGH
Avoid URL redirects Compress components with gzip B (89) AVG SCORE 89% AVG SCORE 86% SERVER HIGH Use cookie-free domains C(0) AVG SCORE 52% COOKIE LOW Minify JavaScript and CSS A (100) AVG SCORE 71% CSS/JS MEDIUM Remove duplicate JavaScript and CSS 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 99% CONTENT MEDIUM AVG SCORE 99% CONTENT MEDIUM AVG SCORE 99% CSS MEDIUM AVG SCORE 99% CONTENT LOW Use GET for AJAX requests A (100) AVG SCORE 99% CSS LOW Avoid CSS expressions A (100) AVG SCORE 99% CSS LOW Reduce cookie size A (100) AVG SCORE 100% SERVER LOW Make favicon small and cacheable A (100) A AVG SCORE 92% SERVER LOW Configure entity tags (ETags)	Use a Content Delivery Network (CDN)	E (50)	▲ AVG SCORE: 23%	SERVER	MEDIUM
Compress components with gzip Use cookie-free domains C (70) A VG SCORE 86% SERVER HIGH Use cookie-free domains C (70) A VG SCORE 52% C COKIE LOW Minify JavaScript and CSS A (100) A VG SCORE 71% C SS/JS MEDIUM Remove duplicate JavaScript and CSS A (100) A VG SCORE 100% JS MEDIUM Remove duplicate JavaScript and CSS A (100) A VG SCORE 100% C SS/JS MEDIUM Avoid Alphalmage Loader filter A (100) A VG SCORE 99% C SS MEDIUM Avoid HTTP 404 (Not Found) error A (100) A VG SCORE 98% C CONTENT MEDIUM Reduce the number of DOM elements A (100) A VG SCORE 92% C CONTENT LOW Use GET for AJAX requests A (100) A VG SCORE 90% C SS LOW Reduce cookie size A (100) A VG SCORE 90% C SS LOW Make favicon small and cacheable A (100) A VG SCORE 100% NAVG SCORE 92% SERVER LOW	Reduce DNS lookups	F (0)	➤ AVG SCORE: 69%	CONTENT	LOW
Use cookie-free domains G(70) AVG SCORE 52% COOKIE LOW Minify JavaScript and CSS A (100) AVG SCORE 71% CSS/JS 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 Reduce the number of DOM elements A (100) AVG SCORE 98% CONTENT MEDIUM AVG SCORE 98% CONTENT LOW AVG SCORE 99% CSS LOW Avoid CSS expressions A (100) AVG SCORE 100% AVG SCORE 99% CSS LOW Avoid CSS expressions A (100) AVG SCORE 100%	Avoid URL redirects	F (40)	♦ AVG SCORE: 89%	CONTENT	MEDIUM
Minify JavaScript and CSS A(100) AVG SCORE 71% CSS/JS MEDIUM AVG SCORE 100% JS MEDIUM Remove duplicate JavaScript and CSS A(100) AVG SCORE 100% AVG SCORE 100% CSS/JS MEDIUM Avoid Alphalmage Loader filter A(100) AVG SCORE 99% CSS MEDIUM Avoid HTTP 404 (Not Found) error A(100) AVG SCORE 98% CONTENT MEDIUM Reduce the number of DOM elements A(100) AVG SCORE 98% CONTENT LOW Use GET for AJAX requests A(100) AVG SCORE 100% AVG SCORE 100% JS LOW Avoid CSS expressions A(100) AVG SCORE 99% CSS LOW Reduce cookie size A(100) AVG SCORE 100% AVG SCORE 100% COOKIE LOW Make favicon small and cacheable A(100) AVG SCORE 100% SERVER LOW Configure entity tags (ETags)	Compress components with gzip	B (89)	♦ AVG SCORE: 86%	SERVER	HIGH
Make AJAX cacheable A (100) ♦ AVG SCORE 100% JS MEDIUM Remove duplicate JavaScript and CSS A (100) ♦ AVG SCORE 100% CSS/JS MEDIUM Avoid Alphalmage Loader filter A (100) ♦ AVG SCORE 99% CSS MEDIUM Avoid HTTP 404 (Not Found) error A (100) ♦ AVG SCORE 98% CONTENT MEDIUM Reduce the number of DOM elements A (100) ♠ AVG SCORE 92% CONTENT LOW 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% IMAGES LOW Configure entity tags (ETags) A (100) ♠ AVG SCORE 92% SERVER LOW	Use cookie-free domains	C (70)	AVG SCORE: 52%	COOKIE	LOW
Remove duplicate JavaScript and CSS A (100) A VG SCORE 100% CSS/JS MEDIUM A Void Alphalmage Loader filter A (100) A VG SCORE 99% CSS MEDIUM A VG SCORE 99% CONTENT MEDIUM Reduce the number of DOM elements A (100) A VG SCORE 98% CONTENT LOW Use GET for AJAX requests A (100) A VG SCORE 100% JS LOW A VG SCORE 99% CSS LOW Reduce cookie size A (100) A VG SCORE 99% CSS LOW Reduce cookie size A (100) A VG SCORE 100% A VG SCORE 100% COOKIE LOW Make favicon small and cacheable A (100) A VG SCORE 100% A VG SCORE 100% SERVER LOW Configure entity tags (ETags)	Minify JavaScript and CSS	A (100)	▲ AVG SCORE: 71%	CSS/JS	MEDIUM
Avoid Alphalmage Loader filter A (100) A VG SCORE 99% CSS MEDIUM Avoid HTTP 404 (Not Found) error A (100) A VG SCORE 98% CONTENT MEDIUM Reduce the number of DOM elements A (100) A VG SCORE 92% CONTENT LOW Use GET for AJAX requests A (100) A VG SCORE 100% JS LOW Avoid CSS expressions A (100) A VG SCORE 99% CSS LOW Reduce cookie size A (100) A VG SCORE 100% A VG SCORE 100% COOKIE LOW Make favicon small and cacheable A (100) A VG SCORE 100% A VG SCORE 100% SERVER LOW Configure entity tags (ETags)	Make AJAX cacheable	A (100)	♦ AVG SCORE: 100%	JS	MEDIUM
Avoid HTTP 404 (Not Found) error A (100) A VG SCORE: 98% CONTENT MEDIUM Reduce the number of DOM elements A (100) A VG SCORE: 92% CONTENT LOW Use GET for AJAX requests A (100) A VG SCORE: 100% A VG SCORE: 100% A VG SCORE: 99% CSS LOW Reduce cookie size A (100) A (100) A VG SCORE: 100% A VG SCORE: 100% COOKIE LOW Make favicon small and cacheable A (100) A VG SCORE: 100% A VG SCORE: 100% A VG SCORE: 100% MAGES LOW Configure entity tags (ETags)	Remove duplicate JavaScript and CSS	A (100)	♦ AVG SCORE: 100%	CSS/JS	MEDIUM
Reduce the number of DOM elements A (100) ♠ AVG SCORE: 92% CONTENT LOW 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% IMAGES LOW Configure entity tags (ETags) A (100) ♠ AVG SCORE: 92% SERVER LOW	Avoid AlphalmageLoader filter	A (100)	♦ AVG SCORE: 99%	CSS	MEDIUM
Use GET for AJAX requests A (100) A VG SCORE: 100% A VG SCORE: 99% CSS LOW Reduce cookie size A (100) A (100) A VG SCORE: 100% A VG SCORE: 100% COOKIE LOW Make favicon small and cacheable A (100) A (100) A VG SCORE: 100% A VG SCORE: 100% A VG SCORE: 100% A VG SCORE: 92% SERVER LOW	Avoid HTTP 404 (Not Found) error	A (100)	♦ AVG SCORE: 98%	CONTENT	MEDIUM
Avoid CSS expressions A (100) A VG SCORE: 99% CSS LOW Reduce cookie size A (100) A VG SCORE: 100% COOKIE LOW Make favicon small and cacheable A (100) A VG SCORE: 100% A VG SCORE: 100% A VG SCORE: 92% SERVER LOW	Reduce the number of DOM elements	A (100)	AVG SCORE: 92%	CONTENT	LOW
Reduce cookie size A (100) A VG SCORE: 100% COOKIE LOW Make favicon small and cacheable A (100) A (100) A VG SCORE: 100% A VG SCORE: 100% A VG SCORE: 92% SERVER LOW	Use GET for AJAX requests	A (100)	♦ AVG SCORE: 100%	JS	LOW
Make favicon small and cacheable A (100) A ∨ G SCORE: 100% A ∨ G SCORE: 92% A ∨	Avoid CSS expressions	A (100)	♦ AVG SCORE: 99%	CSS	LOW
Configure entity tags (ETags) A (100) A VG SCORE: 92% SERVER LOW	Reduce cookie size	A (100)	♦ AVG SCORE: 100%	COOKIE	LOW
	Make favicon small and cacheable	A (100)	♦ AVG SCORE: 100%	IMAGES	LOW
Make JavaScript and CSS external (n/a) CSS/JS MEDIUM	Configure entity tags (ETags)	A (100)	▲ AVG SCORE: 92%	SERVER	LOW
	Make JavaScript and CSS external	(n/a)		CSS/JS	MEDIUM



YSlow Recommendations