



## Performance Report for: <https://www.satelliteguys.us/xen/>

Report generated: Wed, Jul 5, 2023 9:52 AM -0700  
 Test Server Location: Vancouver, Canada  
 Using: Chrome (Desktop) 103.0.5060.134, Lighthouse 9.6.4  
 Analysis options: Adblock Plus

<b>A</b>	Performance <b>97%</b>	Structure <b>94%</b>	L. Contentful Paint <b>1.2s</b>	T. Blocking Time <b>79ms</b>	C. Layout Shift <b>0</b>
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### Top Issues

IMPACT	AUDIT	
Med-High	<b>Avoid an excessive DOM size</b> TBT	2,513 elements
Med-Low	<b>Serve static assets with an efficient cache policy</b>	Potential savings of 300KB
Low	<b>Use a Content Delivery Network (CDN)</b>	2 resources found
Low	<b>Eliminate render-blocking resources</b> FCP LCP	Potential savings of 32ms
Low	<b>Avoid enormous network payloads</b> LCP	Total size was 1.43MB

### Page Details



Total Page Size - 1.43MB



Total Page Requests - 52



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.**

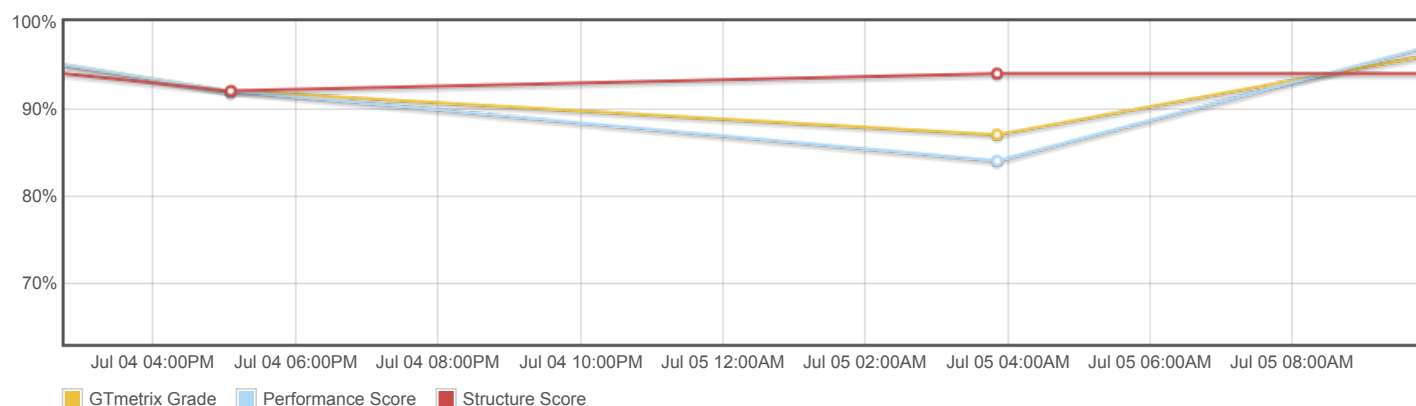
### About GTmetrix

**CARBON60**  
THE MANAGED CLOUD COMPANY

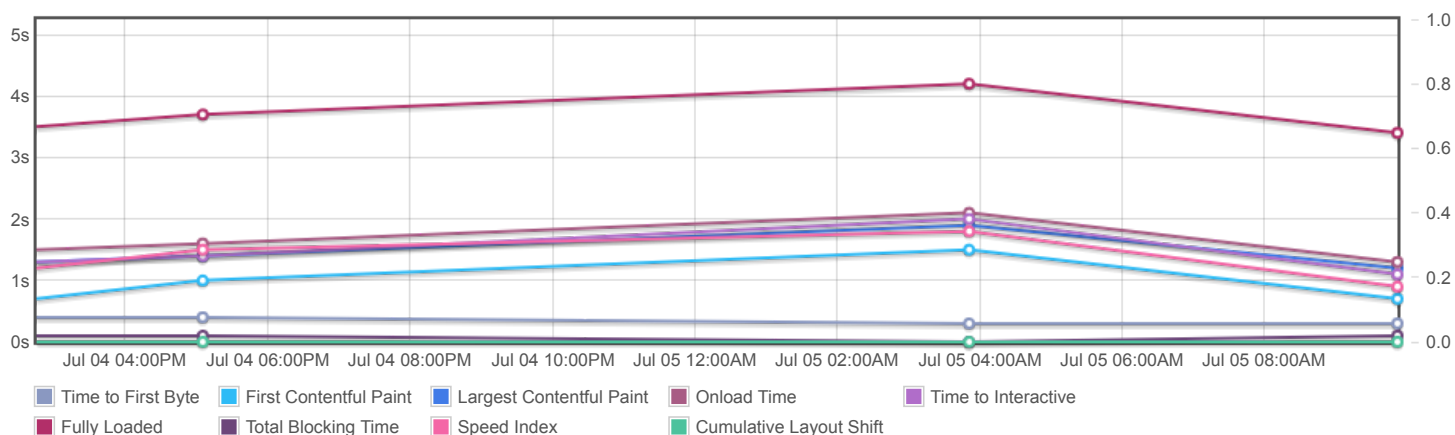
GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 27 years experience in web technology.

<https://carbon60.com/>

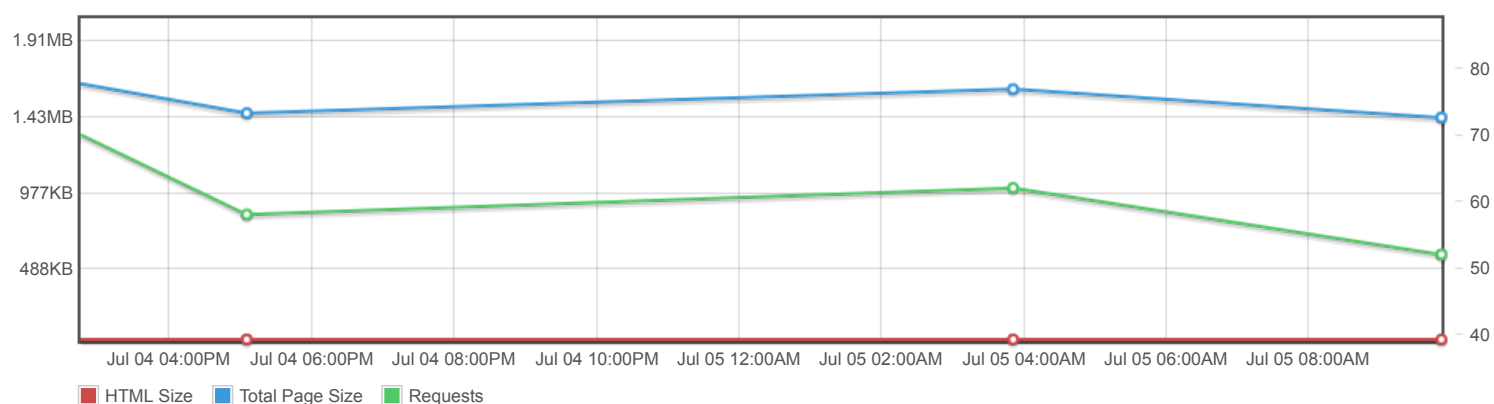
## Page scores



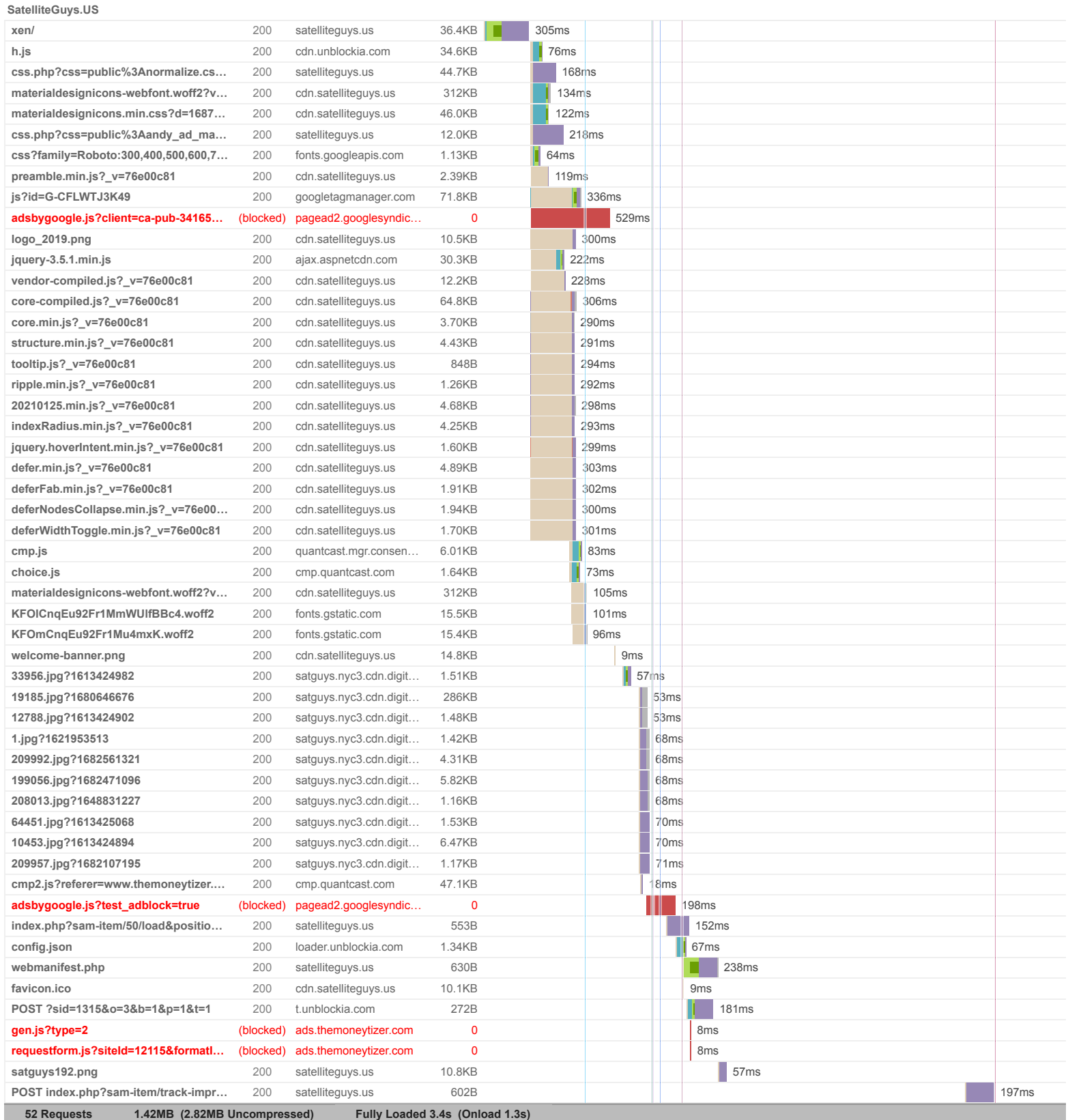
## Page metrics

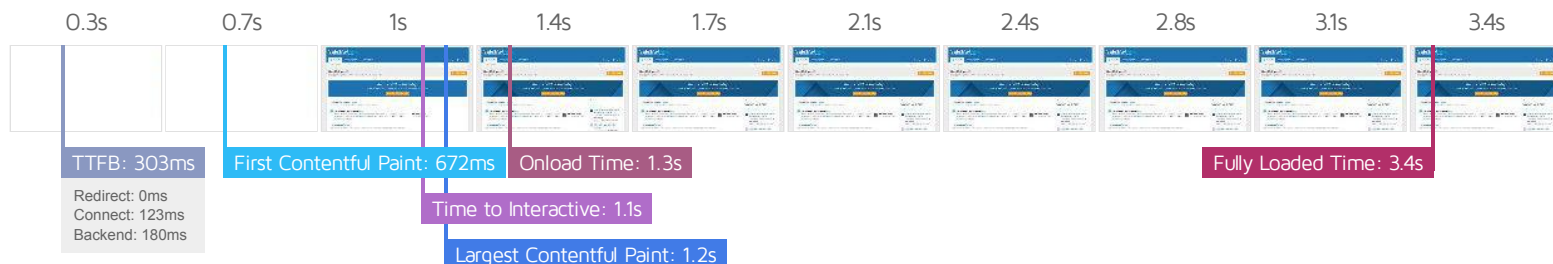


## Page sizes and request counts



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.





## 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.

Good - Nothing to do here

672ms

### Time to Interactive

How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.

Good - Nothing to do here

1.1s

### Speed Index

How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.

Good - Nothing to do here

934ms

### Total Blocking Time

How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.

Good - Nothing to do here

79ms

### 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.

Good - Nothing to do here

1.2s

### 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

## Browser Timings

Redirect

0ms

Connect

123ms

Backend

180ms

TTFB

303ms

First Paint

672ms

DOM Int.

1.1s

DOM Loaded

1.1s

Onload

1.3s

Fully Loaded

3.4s

IMPACT	AUDIT	
Med-High	<b>Avoid an excessive DOM size</b> TBT	2,513 elements
Med-Low	<b>Serve static assets with an efficient cache policy</b>	Potential savings of 300KB
Low	<b>Use a Content Delivery Network (CDN)</b>	2 resources found
Low	<b>Eliminate render-blocking resources</b> FCP LCP	Potential savings of 32ms
Low	<b>Avoid enormous network payloads</b> LCP	Total size was 1.43MB
Low	<b>Properly size images</b>	Potential savings of 125KB
Low	<b>Efficiently encode images</b>	Potential savings of 294KB
Low	<b>Ensure text remains visible during webfont load</b> FCP LCP	3 fonts found
Low	<b>Avoid long main-thread tasks</b> TBT	5 long tasks found
Low	<b>Reduce JavaScript execution time</b> TBT	239ms spent executing JavaScript
Low	<b>Reduce unused CSS</b> FCP LCP	Potential savings of 97.1KB
Low	<b>Serve images in next-gen formats</b>	Potential savings of 286KB
Low	<b>Reduce initial server response time</b> FCP LCP	Root document took 180ms
Low	<b>Avoid serving legacy JavaScript to modern browsers</b> TBT	Potential savings of 12.5KB
Low	<b>Avoid non-composited animations</b> CLS	11 animated elements found
Low	<b>Avoid chaining critical requests</b> FCP LCP	16 chains found
Low	<b>Reduce unused JavaScript</b> LCP	Potential savings of 108KB
N/A	<b>Largest Contentful Paint element</b> LCP	1 element found
N/A	<b>Avoid large layout shifts</b> CLS	4 elements found
N/A	<b>Minimize main-thread work</b> TBT	Main-thread busy for 954ms
N/A	<b>Reduce the impact of third-party code</b> TBT	Total size was 141KB
N/A	<b>User Timing marks and measures</b>	