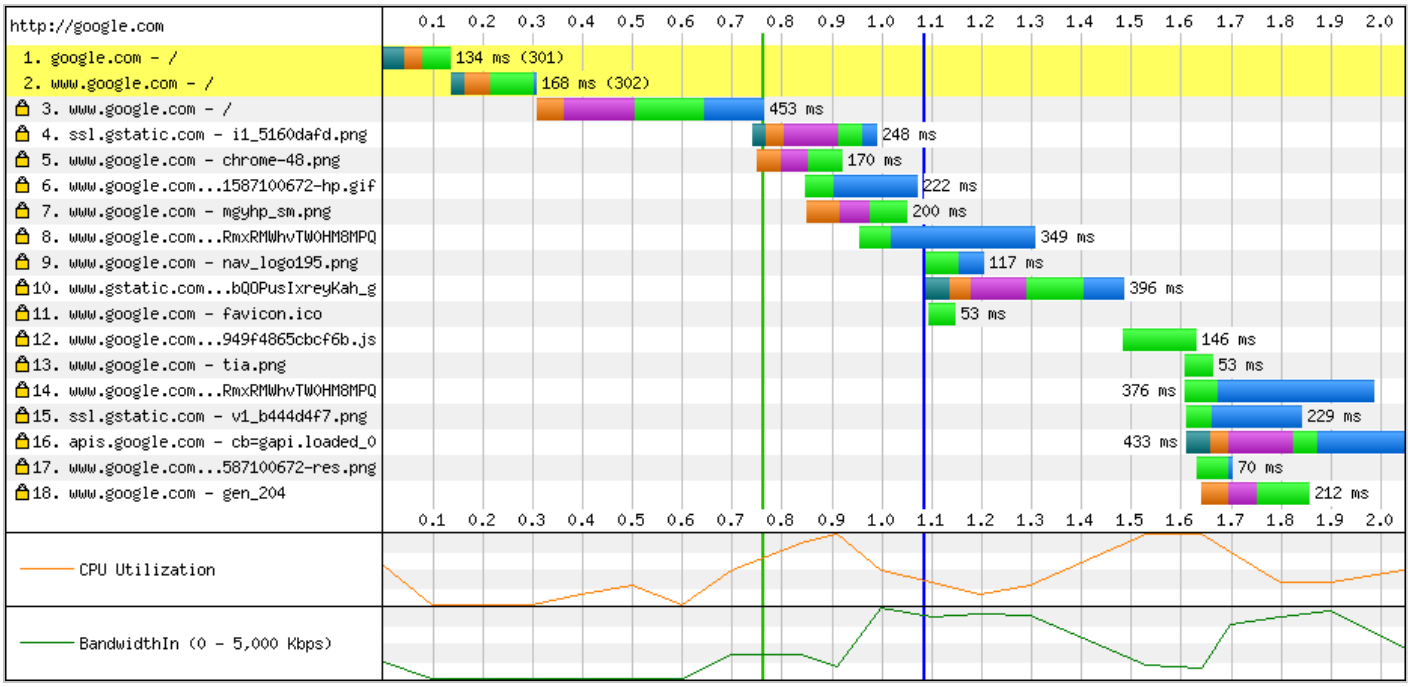
Performance Report for
http://google.com

D	A	A	A	C	X
First Byte Time	Keep-alive Enabled	Compress Transfer	Compress Images	Cache static content	Effective use of CDN

Summary

					Document Complete			Fully Loaded		
Load Time	**First Byte**	**Start Render**	**DOM Elements**	**Result (error code)**	**Time**	**Requests**	**Bytes In**	**Time**	**Requests**	**Bytes In**
1.423s	0.634s	0.965s	214	0	1.423s	10	247 KB	1.634s	12	281 KB

Waterfall View



Google PageSpeed Score

98/100

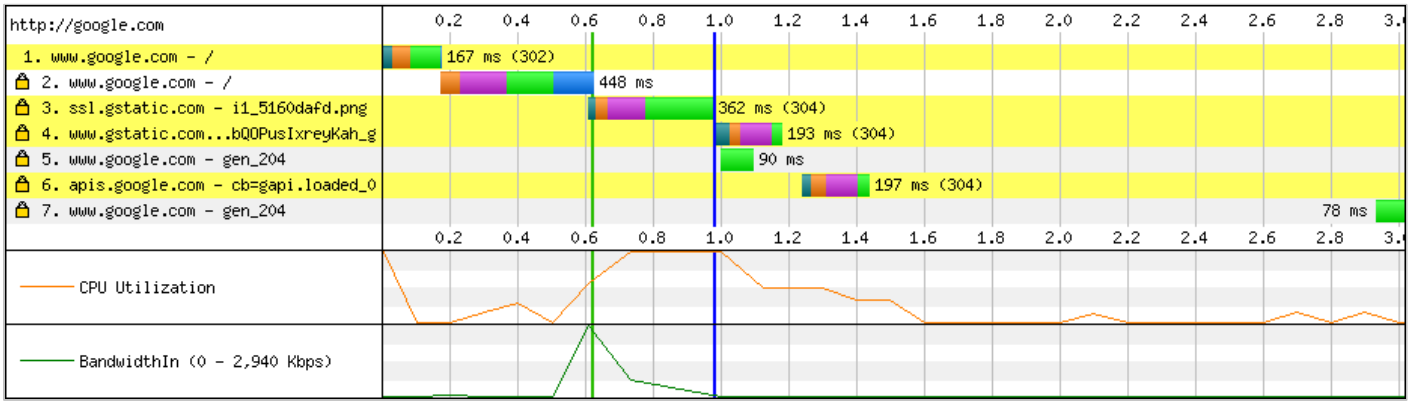
PageSpeed Optimization Check

PageSpeed Score: **98/100***

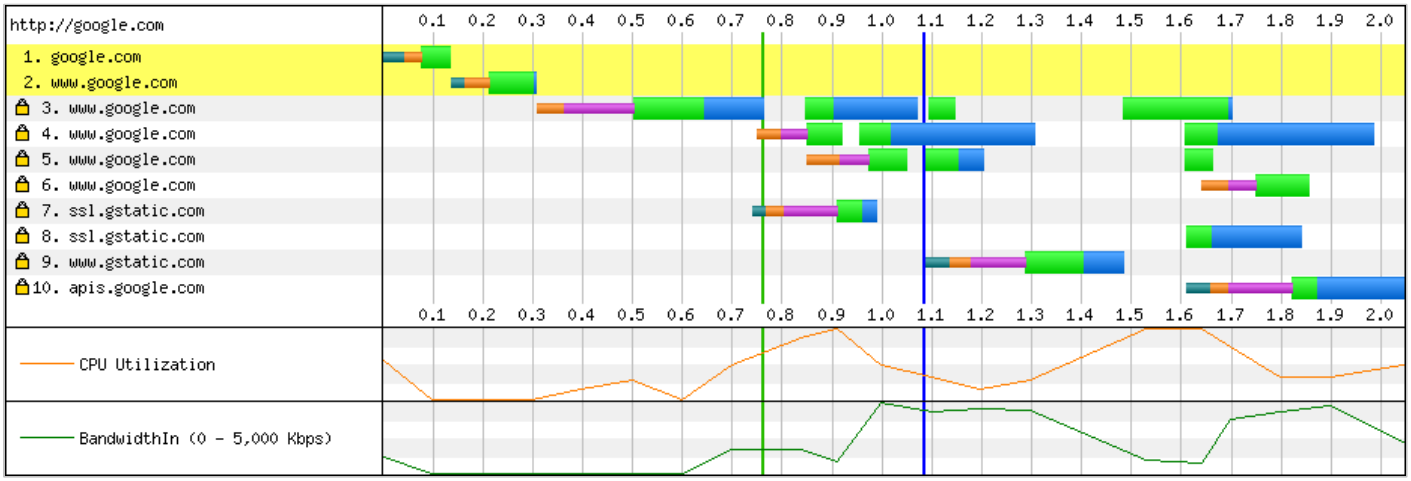
- Make landing page redirects cacheable
  - The following landing page redirects are not cacheable. Make them cacheable to speed up page load times for repeat visitors to your site.
    - http://www.google.com/ is an uncacheable redirect to https://www.google.com/?gws_rd=ssl
- Defer parsing of JavaScript
  - 79.3KiB of JavaScript is parsed during initial page load. Defer parsing JavaScript to reduce blocking of page rendering.
    - https://www.google.com/?gws_rd=ssl (79.3KiB of inline JavaScript)
- Minify JavaScript
  - Minifying the following JavaScript resources could reduce their size by 3.0KiB (1% reduction).
    - Minifying https://www.google.com/xjs/_/js/k=xjs.s.../rs=AItRSTP8Z1vC-x6xPRmxRMWhvTW0HM8MPQ could save 1.2KiB (1% reduction) after compression.
    - Minifying https://www.google.com/xjs/_/js/k=xjs.s.../rs=AItRSTP8Z1vC-x6xPRmxRMWhvTW0HM8MPQ could save 901B (1% reduction) after compression.
    - Minifying https://www.gstatic.com/og/_/js/k=og.og.../rs=AItRSTOC9Kd40eKRxEbQOPusIxreyKah_g could save 531B (1% reduction) after compression.
    - Minifying https://apis.google.com/_/scs/abc-stati...kXoAALMP2ISxSjmwitDUg/cb=gapi.loaded_0 could save 475B (1% reduction) after compression.
- Minimize request size
  - The requests for the following URLs don't fit in a single packet. Reducing the size of these requests could reduce latency.
    - https://www.google.com/gen_204?v=3&s=we...t.362,cst.195,dnst.0,rqst.344,rspt.199 has a request size of 2.1KiB
- Optimize images
  - Optimizing the following images could reduce their size by 1.6KiB (36% reduction).
    - Losslessly compressing https://www.google.com/logos/doodles/20...d-cup-2014-20-4921531587100672-res.png could save 1.5KiB (37% reduction).
    - Losslessly compressing https://www.google.com/textinputassistant/tia.png could save 105B (28% reduction).
- Minify HTML
  - Minifying the following HTML resources could reduce their size by 327B (1% reduction).
    - Minifying https://www.google.com/?gws_rd=ssl could save 327B (1% reduction) after compression.
- Put CSS in the document head
  - CSS in the document body adversely impacts rendering performance.
  - https://www.google.com/?gws_rd=ssl has CSS in the document body:
    - 7 style block(s) in the body should be moved to the document head.
- Remove query strings from static resources
- Serve resources from a consistent URL
- Specify a cache validator
- Combine images into CSS sprites
- Prefer asynchronous resources
- Specify image dimensions
- Specify a character set
- Specify a Vary: Accept-Encoding header
- Serve scaled images
- Minimize redirects
- Enable Keep-Alive
- Enable compression
- Avoid CSS @import
- Inline Small CSS
- Inline Small JavaScript
- Avoid bad requests
- Minify CSS
- Leverage browser caching
- Optimize the order of styles and scripts

* PageSpeed scores can only be compared to scores from the same version of the PageSpeed library.

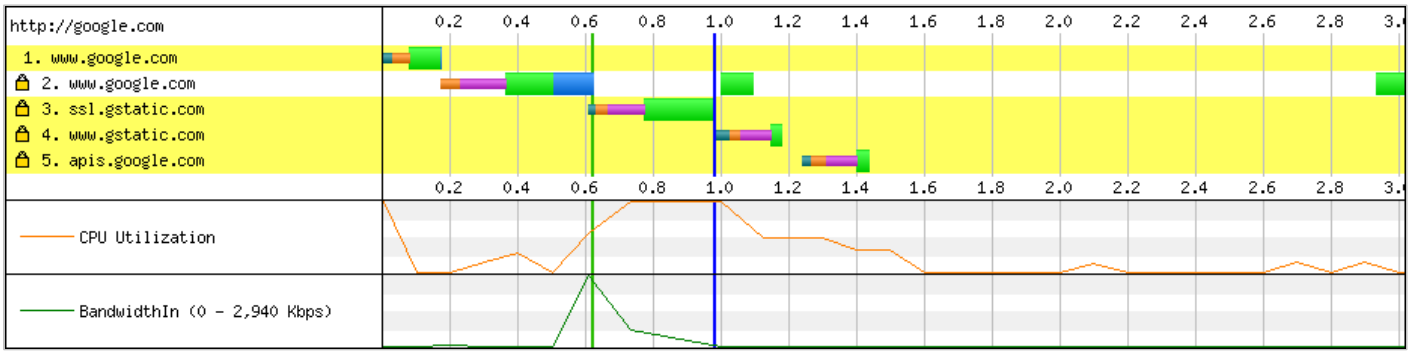
Waterfall View (Repeat)



Connection View



Connection View (Repeat)



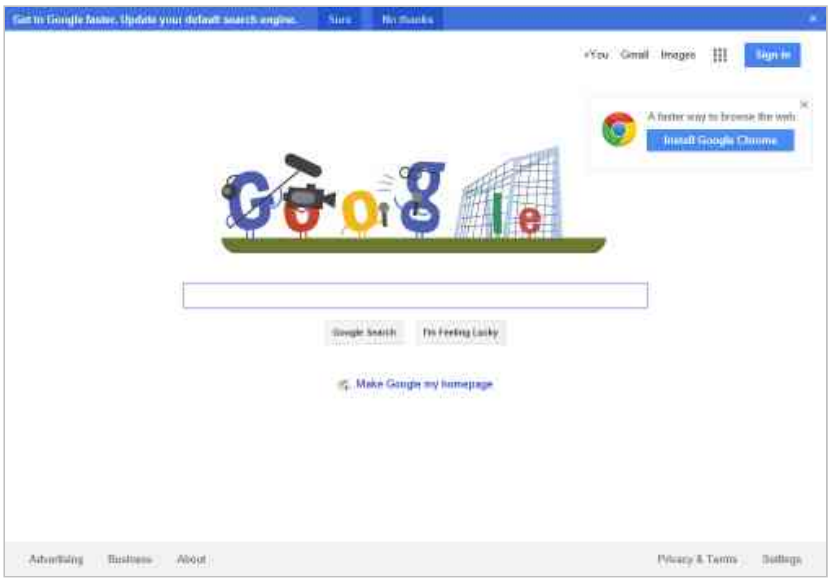
Check List

http://google.com	Keep-Alive 100%	GZip 100%	Compress Img 100%	Progressive N/A	Cache Static 78%	CDN Detected 76%
1: google.com - /						
2: www.google.com - /						
3: www.google.com - /	✓	✓			✗	
4: ssl.gstatic.com - i1_5160dafd.png	✓		✓		✓	✗
5: www.google.com - chrome-48.png	✓		✓		✓	✓
6: www.google.com -...531587100672-hp.gif	✓		✓		✓	✓
7: www.google.com - mgyhp_sm.png	✓		✓		✗	✓
8: www.google.com -...xPRmxRMWhvTW0HM8MPQ	✓	✓			✓	✓
9: www.google.com - nav_logo195.png	✓		✓		✗	✓
10: www.gstatic.com...RxEbQOPusIxreyKah_g		✓			✓	✗
11: www.google.com - favicon.ico		✓				
12: www.google.com - 4d949f4865cbcf6b.js	✓	✓			✓	✓
13: www.google.com - tia.png	✓		✓		✓	✓
14: www.google.com...6xPRmxRMWhvTW0HM8MPQ	✓	✓			✓	✓
15: ssl.gstatic.com - v1_b444d4f7.png	✓		✓		✓	✗
16: apis.google.com - cb=gapi.loaded_0		✓			✓	✓
17: www.google.com...531587100672-res.png	✓		✓		✓	✓
18: www.google.com - gen_204						
	Keep-Alive	GZip	Compress Img	Progressive	Cache Static	CDN Detected

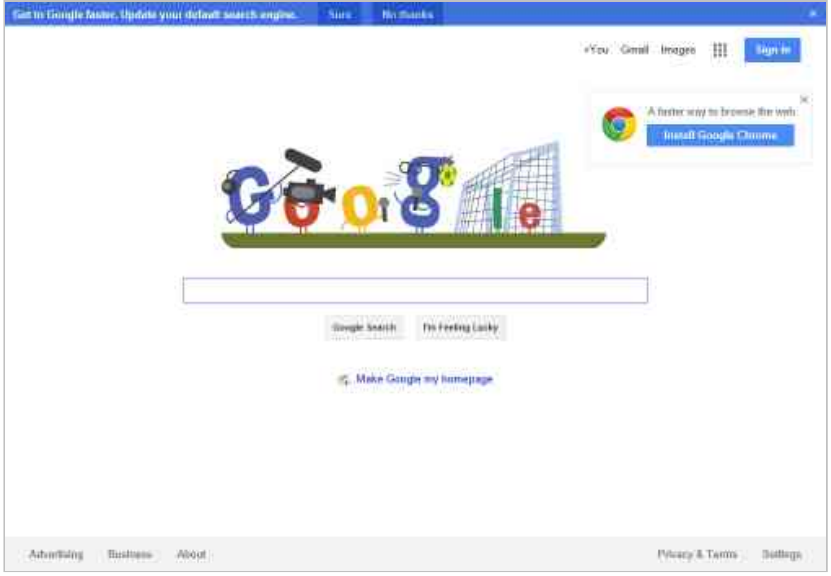
Check List (Repeat)

http://google.com	Keep-Alive 100%	GZip 100%	Compress Img N/A	Progressive N/A	Cache Static 0%	CDN Detected N/A
1: www.google.com - /						
2: www.google.com - /	✓	✓			✗	
3: ssl.gstatic.com - i1_5160dafd.png						
4: www.gstatic.com...KRxEbQOPusIxreyKah_g						
5: www.google.com - gen_204						
6: apis.google.com - cb=gapi.loaded_0						
7: www.google.com - gen_204						
	Keep-Alive	GZip	Compress Img	Progressive	Cache Static	CDN Detected

Screen Shot



Screen Shot (Repeat)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Gmail
Images
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