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WEBPAGETEST

Nodus - Building on the modern web

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Web Page Performance Test for

https://www.smashingmagazine.com/

From: La Rioja, Spain - **Chrome** - **Cable**
08/01/2019, 22:42:37

Need help improving?

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

Summary   **Details**   **Performance Review**   **Content Breakdown**   **Domains**   **Processing Breakdown**   **Screen Shot**   **Image Analysis** ⬀   **Request Map** ⬀

Full Optimization Checklist

Step_1	Keep-Alive 100%	GZip 100%	Compress Img 100%	Progressive N/A	Cache Static 90%	CDN Detected 96%
1: www.smashingmagazine.com – /	✓	✓				✓
2: www.smashingmaga...m – design-systems/	✓	✓				✓
3: www.smashingmaga...sign-systems-ebook/	✓	✓				✓
4: www.smashingmagazine.com – main.css	✓	✓				✓
5: www.smashingmagazine.com – sw.js	✓	✓				✓
6: www.google-analy....com – analytics.js	✓	✓			❌	✓
7: d33wubrfki0168.c...enawebregular.woff2	✓				✓	✓
8: d33wubrfki0168.c...gular-webfont.woff2	✓				✓	✓
9: d33wubrfki0168.c...gular-webfont.woff2	✓				✓	✓
10: d33wubrfki0168....nt.net – events.svg	✓	✓			✓	✓
11: d33wubrfki0168....ront.net – jobs.svg	✓	✓			✓	✓
12: d33wubrfki0168....et – membership.svg	✓	✓			✓	✓
13: d33wubrfki0168....y-algolia-white.svg	✓	✓			✓	✓
14: d33wubrfki0168....ont.net – books.svg	✓	✓			✓	✓
15: d33wubrfki0168....ront.net – logo.svg	✓	✓			✓	✓
16: d33wubrfki0168.....net – articles.svg	✓	✓			✓	✓
17: d33wubrfki0168.....net – sf-large.svg	✓	✓			✓	✓
18: d33wubrfki0168.cloudfront.net – ga.js	✓	✓			✓	✓
19: d33wubrfki0168....dfront.net – app.js	✓	✓			✓	✓
20: d33wubrfki0168....ont.net – print.css	✓	✓			✓	✓
21: cloud.netlifyus...-zehe-250px-opt.png	✓		✓		⚠	✓
22: www.smashingmagazine.com – shadow.png	✓		✓			✓
23: www.smashingmagazine.com – bullet.svg	✓	✓				✓
24: www.smashingmag... – laptop__left.svg	✓	✓				✓
25: www.smashingmag...at-the-behemoth.svg	✓	✓				✓
26: www.google-analytics.com – collect						
27: d33wubrfki0168.... elenawebbold.woff2	✓				✓	✓
28: d33wubrfki0168....regularitalic.woff2	✓				✓	✓
29: d33wubrfki0168....webbolditalic.woff2	✓				✓	✓
30: d33wubrfki0168.....bold-webfont.woff2	✓				✓	✓
31: www.smashingmag...ntDetai~9f7d6ae9.js						
32: www.smashingmag...rs~SearchResults.js						
33: www.smashingmag...s~Comme~bb1106a1.js						
34: www.smashingmag... – SearchResults.js						
35: www.smashingmag... – CommentsCount.js						
36: www.smashingmag...e.com – MiniCart.js						
37: www.smashingmagazine.com – PreLoad.js						
38: www.smashingmag...com – MenuButton.js						
39: www.smashingmagazine.com – Search.js						
40: www.smashingmag...ContrastSwitcher.js						
41: www.smashingmag... – ShowIfAdBlock.js						
42: www.smashingmag...ndors~AddTimeAgo.js						
43: www.smashingmag...com – AddTimeAgo.js						
44: www.smashingmag...– AddLaddaButton.js						
45: www.smashingmag...e.com – PostLoad.js						
46: stats.g.doubleclick.net – collect	✓		✓			✓
47: www.smashingmagazine.com – shadow.png						
48: consent.cookiebot.com – uc.js	✓	✓			⚠	❌
49: smashingcomment...bile-app.count.json						
50: smashingcomment...df-pages.count.json						
51: smashingcomment...vascript.count.json						
52: smashingcomment...tes-2019.count.json						
53: consent.cookiebot.com – cc.js						
54: cloud.netlifyus...ne-scacca-200px.jpg						
55: cloud.netlifyus...man-profile-pic.jpg						
56: cloud.netlifyus...ira-profile-opt.jpg						
57: d33wubrfki0168.... – cat-firechat.svg						
58: www.smashingmag...e.com – favicon.png	✓		✓			✓
59: www.smashingmag...com – manifest.json						
60: www.smashingmag...-chrome-192x192.png						
61: smashing-delive...uapp.com – friskies						
62: smashing-delive...uapp.com – friskies						
63: ad.doubleclick....directed_treatment=						
64: ad.doubleclick....directed_treatment=						
65: smashing-delive...rokuapp.com – catch						
	Keep-Alive	GZip	Compress Img	Progressive	Cache Static	CDN Detected

Details

First Byte Time (back-end processing): 100/100

343 ms First Byte Time
471 ms Target First Byte Time

Use persistent connections (keep alive): 100/100

Use gzip compression for transferring compressable responses: 100/100

228.6 KB total in compressible text, target size = 228.6 KB - potential savings = **0.0 KB**

Compress Images: 100/100

63.8 KB total in images, target size = 63.8 KB - potential savings = **0.0 KB**

Use Progressive JPEGs: N/A

Leverage browser caching of static assets: 90/100

FAILED - (**48.2 minutes**) - https://www.google-analytics.com/analytics.js
WARNING - (**1.0 days**) - https://consent.cookiebot.com/uc.js
WARNING - (**1.2 days**) - https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/c5be7dc1-d8b9-4695-a5fc-77a5399652b2/marco-zehe-250px-opt.png

Use a CDN for all static assets: 96/100

FAILED - https://consent.cookiebot.com/uc.js

CDN's Used:
www.smashingmagazine.com : Netlify
www.google-analytics.com : Google
d33wubrfki0l68.cloudfront.net : Amazon CloudFront
cloud.netlifyusercontent.com : Amazon CloudFront
stats.g.doubleclick.net : Google

Glossary:

First Byte Time	Applicable Objects	Time to First Byte for the page (back-end processing + redirects)
	What is checked	The target time is the time needed for the DNS, socket and SSL negotiations + 100ms. A single letter grade will be deducted for every 100ms beyond the target.

Keep-Alive	Applicable Objects	All objects that are from a domain that serves more than one object for the page (i.e. if only a single object is served from a given domain it will not be checked)
	What is checked	The response header contains a "keep-alive" directive or the same socket was used for more than one object from the given host

GZIP Text	Applicable Objects	All objects with a mime type of "text/*" or "*javascript*"
	What is checked	Transfer-encoding is checked to see if it is gzip. If it is not then the file is compressed and the percentage of compression is the result (so a page that can save 30% of the size of it's text by compressing would yield a 70% test result)

Compress Images	Applicable Objects	JPEG Images
	What is checked	Within 10% of a photoshop quality 50 will pass, up to 50% larger will warn and anything larger than that will fail. The overall score is the percentage of image bytes that can be saved by re-compressing the images.

Use Progressive JPEGs	Applicable Objects	All JPEG Images
	What is checked	Each JPEG image is checked and the resulting score is the percentage of JPEG bytes that were served as progressive images relative to the total JPEG bytes.

Cache Static	Applicable Objects	Any non-html object with a mime type of "text/*", "*javascript*" or "image/*" that does not explicitly have an Expires header of 0 or -1, a cache-control header of "private", "no-store" or "no-cache" or a pragma header of "no-cache"
	What is checked	An "Expires" header is present (and is not 0 or -1) or a "cache-control: max-age" directive is present and set for an hour or greater. If the expiration is set for less 7 days you will get a warning. If the expiration is set for less than 1 hour you will get a failure. This only applies to max-age currently.
Use A CDN	Applicable Objects	All static non-html content (css, js and images)
	What is checked	Checked to see if it is hosted on a known CDN (CNAME mapped to a known CDN network). 80% of the static resources need to be served from a CDN for the overall page to be considered using a CDN. The current list of known CDN's is here

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The test completed but there were no successful results.

Same video captured for all the steps
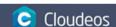
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