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Nodus - Building on the modern web

WEBPAGETEST

HOME TEST RESULT TEST HISTORY FORUMS DOCUMENTATION ABOUT

Web Page Performance Test for

https://www.smashingmagazine.com/2019/01/front-end-performance-checklist-2019-pdf-pages/

Need help improving?

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

From: La Rioja, Spain - **Chrome** - **Cable**
08/01/2019, 22:52:19

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 73%	CDN Detected 98%
1: www.smashingmaga...ist-2019-pdf-pages/	✓	✓				✓
2: www.smashingmaga...m - design-systems/	✓	✓				✓
3: www.smashingmaga...sign-systems-ebook/	✓	✓				✓
4: www.smashingmaga...cat-rollerderby.svg	✓	✓				✓
5: www.smashingmagazine.com - main.css	✓	✓				✓
6: d33wubrfki0168.c...enawebregular.woff2	✓				✓	✓
7: d33wubrfki0168.c...gular-webfont.woff2	✓				✓	✓
8: d33wubrfki0168.c...gular-webfont.woff2	✓				✓	✓
9: d33wubrfki0168.c...ont.net - books.svg	✓	✓			✓	✓
10: d33wubrfki0168....ront.net - logo.svg	✓	✓			✓	✓
11: d33wubrfki0168.....net - articles.svg	✓	✓			✓	✓
12: d33wubrfki0168...._bold-webfont.woff2	✓				✓	✓
13: d33wubrfki0168....nt.net - events.svg	✓	✓			✓	✓
14: d33wubrfki0168....ront.net - jobs.svg	✓	✓			✓	✓
15: d33wubrfki0168....y-algolia-white.svg	✓	✓			✓	✓
16: d33wubrfki0168....et - membership.svg	✓	✓			✓	✓
17: d33wubrfki0168....letter-fish-cat.svg	✓	✓			✓	✓
18: d33wubrfki0168.cloudfront.net - w.svg	✓	✓			✓	✓
19: d33wubrfki0168.... - character-15.svg	✓	✓			✓	✓
20: d33wubrfki0168....nt.net - bullet.svg	✓	✓			✓	✓
21: d33wubrfki0168....net - published.svg	✓	✓			✓	✓
22: d33wubrfki0168....ront.net - tags.svg	✓	✓			✓	✓
23: d33wubrfki0168....nt.net - shadow.png	✓		✓		✓	✓
24: res.cloudinary....-budget-builder.png	✓		✓		⚠	✓
25: res.cloudinary....addy-osmani-opt.png	✓		✓		⚠	✓
26: res.cloudinary....-perf-model-opt.png	✓		✓		⚠	✓
27: res.cloudinary....rst-input-delay.png	✓		✓		⚠	✓
28: res.cloudinary.... tuesday-2g-opt.png	✓		✓		⚠	✓
29: res.cloudinary....ouse-screenshot.png	✓		✓		⚠	✓
30: res.cloudinary....mp-and-tti-opt.jpeg	✓		✓		⚠	✓
31: res.cloudinary....tudy-optimizely.png	✓		✓		⚠	✓
32: res.cloudinary....t-url-image-opt.png	✓		✓		⚠	✓
33: res.cloudinary....-primitive-full.jpg	✓		✓		⚠	✓
34: res.cloudinary....priority-segixq.gif	✓		✓		⚠	✓
35: res.cloudinary....pack-comparison.png	✓		✓		⚠	✓
36: res.cloudinary....work-connection.jpg	✓		✓		⚠	✓
37: res.cloudinary.... tti-budget-opt.png	✓		✓		⚠	✓
38: res.cloudinary....rocessing-times.png	✓		✓		⚠	✓
39: res.cloudinary....-scalew-879-opt.png	✓		✓		⚠	✓
40: res.cloudinary....-scalew-799-opt.jpg	✓		✓		⚠	✓
41: res.cloudinary....-apollo-graphql.png	✓		✓		⚠	✓
42: res.cloudinary....oduct-image-opt.png	✓		✓		⚠	✓
43: res.cloudinary.com - bird_j6gn7w.svg	✓	✓			✓	✓
44: res.cloudinary....breakpoints-opt.png	✓		✓		⚠	✓
45: res.cloudinary....ercentage-match.jpg	✓		✓		⚠	✓
46: res.cloudinary....e-animated-gifs.jpg	✓		✓		⚠	✓
47: res.cloudinary....-logo-2018-full.png	✓		✓		⚠	✓
48: res.cloudinary....-strategies-opt.png	✓		✓		⚠	✓
49: res.cloudinary....- brad-frost-sf.png	✓		✓		✓	✓
50: res.cloudinary....bassembly-works.png	✓		✓		⚠	✓
51: res.cloudinary....abel-preset-opt.png	✓		✓		⚠	✓
52: res.cloudinary....cripts-deferred.png	✓		✓		⚠	✓
53: player.vimeo.com - 249524245	✓	✓				✓
54: www.smashingmagazine.com - sw.js	✓	✓				✓
55: res.cloudinary....ages-chrome-opt.png	✓		✓		⚠	✓
56: res.cloudinary....css-loading-opt.png	✓		✓		⚠	✓
57: res.cloudinary....tls-fast-yet-01.png	✓		✓		⚠	✓
58: res.cloudinary....uired-checks-pr.png	✓		✓		⚠	✓
59: cloud.netlifyus...unit-perf-tests.gif	✓		✓			✓
60: www.smashingmag...com - logo--red.png	✓		✓			✓

	Keep-Alive	GZip	Compress Img	Progressive	Cache Static	CDN Detected
61: d33wubrfki0168.cloudfront.net - ga.js	✓	✓			✓	✓
62: d33wubrfki0168....dfront.net - app.js	✓	✓			✓	✓
63: d33wubrfki0168....2d2745b6fd0be402.js	✓	✓			✓	✓
64: d33wubrfki0168.... elenawebbold.woff2	✓				✓	✓
65: d33wubrfki0168....regularitalic.woff2	✓				✓	✓
66: d33wubrfki0168....webbolditalic.woff2	✓				✓	✓
67: d33wubrfki0168....ont.net - print.css	✓	✓			✓	✓
68: www.google-anal....com - analytics.js	✓	✓			✗	✓
69: d33wubrfki0168.... - laptop__left.svg	✓	✓			✓	✓
70: d33wubrfki0168....at-the-behemoth.svg	✓	✓			✓	✓
71: consent.cookiebot.com - uc.js	✓	✓			⚠	✗
72: f.vimeocdn.com - player.css						
73: f.vimeocdn.com - player.js						
74: i.vimeocdn.com - 675362019.jpg						
75: www.google-analytics.com - collect						
76: www.smashingmag...ntDetai~9f7d6ae9.js	✓	✓				✓
77: www.smashingmag...rs~SearchResults.js	✓	✓				✓
78: www.smashingmag...s~Comme~bb1106a1.js	✓	✓				✓
79: www.smashingmag... - SearchResults.js	✓	✓				✓
80: www.smashingmag... - CommentsCount.js	✓	✓				✓
81: www.smashingmag...com - EditButton.js	✓	✓				✓
82: www.smashingmag...Comment~f1b760da.js	✓	✓				✓
83: www.smashingmag...Area~JobPostForm.js	✓	✓				✓
84: www.smashingmag...m - CommentsArea.js	✓	✓				✓
85: www.smashingmag...e.com - MiniCart.js	✓	✓				✓
86: www.smashingmagazine.com - PreLoad.js	✓	✓				✓
87: www.smashingmag...- AddLaddaButton.js	✓	✓				✓
88: www.smashingmag...e.com - PostLoad.js	✓	✓				✓
89: www.smashingmag...com - MenuButton.js	✓	✓				✓
90: www.smashingmagazine.com - Search.js	✓	✓				✓
91: www.smashingmagazine.com - main.css						
92: consent.cookiebot.com - cc.js						
93: cdnjs.cloudflar... - clipboard.min.js	✓	✓			✓	✓
94: i.vimeocdn.com - 20468470_60x60.jpg						
95: www.smashingmagazine.com - shadow.png						
96: www.smashingmagazine.com - bullet.svg						
97: www.smashingmag...com - published.svg						
98: www.smashingmagazine.com - tags.svg						
99: i.vimeocdn.com - 675362019.webp						
100: stats.g.doubleclick.net - collect	✓		✓			✓
101: www.smashingma... - laptop__left.svg						
102: www.smashingma...at-the-behemoth.svg						
103: smashingcommen...df-pages.count.json						
104: smashingcommen...2019-pdf-pages.json						
105: www.gravatar.c...9800998ecf8427e.jpg						
106: cloud.netlifyu...man-profile-pic.jpg						
107: www.smashingma...e.com - favicon.png	✓		✓			✓
108: www.smashingma...com - manifest.json						
109: www.youtube.com - Cjo9iq8k-bc	✓	✓				✓
110: www.smashingma...-chrome-192x192.png						
111: www.youtube.com...webp-vfls_VBFs.css						
112: www.youtube.com...ww-embed-player.js						
113: www.youtube.com - base.js						
114: www.youtube.com - remote.js						
115: googleads.g.doubleclick.net - id						
116: www.google.com...x1URDMPi7CeVLUwM.js						
117: static.doublec....net - ad_status.js						
118: i.ytimg.com - maxresdefault.webp						
119: yt3.ggpht.com - photo.jpg						
120: fonts.gstatic....Fr1MmEU9fBBc4.woff2						
121: fonts.gstatic....Eu92Fr1Mu4mxK.woff2						
122: www.youtube.com - generate_204						
123: googleads.g.doubleclick.net - id						
124: www.youtube.com - ad_data_204						

Details

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

306 ms First Byte Time
431 ms Target First Byte Time

Use persistent connections (keep alive): 100/100

Use gzip compression for transferring compressable responses: 100/100

421.2 KB total in compressible text, target size = 421.2 KB - potential savings = **0.0 KB**

Compress Images: 100/100

3,336.5 KB total in images, target size = 3,336.5 KB - potential savings = **0.0 KB**

Use Progressive JPEGs: N/A

Leverage browser caching of static assets: 73/100

FAILED - (**39.7 minutes**) - https://www.google-analytics.com/analytics.js
WARNING - (**14.6 hours**) - https://res.cloudinary.com/indysigner/image/upload/v1543572300/shop/smashing-book-6-product-image-opt.png
WARNING - (**1.0 days**) - https://consent.cookiebot.com/uc.js
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_400/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/dfe1a4ec-2088-4e39-8a39-9f2010380a53/tuesday-2g-opt.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/5fda8d85-1151-4d0b-b2f6-da354ebae345/redux-rest-apollo-graphql.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/24d7fcb0-40c3-4ada-abb3-22b8524f9b2d/progressive-css-loading-opt.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/30dd1821-9800-4f01-91a8-1375d4812144/http-pages-chrome-opt.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/d46ddc8b-4bd7-4627-b738-baf62807b26f/inline-scripts-deferred.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/31237c37-d7db-4faa-9849-51657e122331/babel-preset-opt.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/bbb2ea83-7674-47d8-9cad-89a2de009915/how-webassembly-works.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/eb634666-55ab-4db3-aa40-4b146a859041/font-loading-strategies-opt.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/b5a4354f-4a9b-420d-8979-bd7abb87aebc/av1-logo-2018-full.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/c987b182-0a0e-40e5-8f8d-dd81feb991f5/replace-animated-gifs.jpg
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/8422076c-6eea-4b35-a98c-b15445cb2dff/viewport-percentage-match.jpg
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/db62c469-bbfc-4959-839d-590abb41b64e/responsive-breakpoints-opt.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/7191d628-f0a1-490c-afca-c8abcdfd4823/brad-perf-budget-builder.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/3bb4ab9e-978a-4db0-83c3-57a93d70516d/file-size-budget-fast-default-addy-osmani-opt.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/bb4716e5-d25b-4b80-b468-f28d07bae685/app-build-components-dibweb-c-scalew-879-opt.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/c91c910d-e934-4610-9dc5-369ec9071b57/rail-perf-model-opt.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/5d80f91c-9807-4565-b616-a4735fcd4949/network-requests-first-input-delay.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/a85a91a7-fb37-4596-8658-a40c1900a0d6/lighthouse-screenshot.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/ab06acd3-833a-4634-abf9-fc8d91939250/fmp-and-tti-opt.jpeg
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/cf570272-840e-4cf8-92de-76808a12422c/casper-case-study-optimizely.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/b1e12dad-ea64-430e-b3db-b67fb76029d8/block-request-url-image-opt.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/f7f56052-6abb-4d18-a5aa-8d84102d812e/jmperez-composition-primitive-full.jpg
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/34f6f27f-88a9-425a-910e-39100034def3/devtools-priority-segixq.gif
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/e30c7d5b-ef8b-46ba-b0fc-b1d5a31cefff/webpack-comparison.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/949e5601-04e7-48ee-91a5-10bd7af19a0f/perf-budgets-network-connection.jpg
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/39c247a9-223f-4a6c-ae3d-db54a696ffcb/tti-budget-opt.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/53363a80-48ae-4f91-aed0-69d292e6d7a2/2018-js-processing-times.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/6423db84-4717-4aeb-9174-7ae96bf4f3aa/appshell-1-o0t8qd-c-scalew-799-opt.jpg
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/c2102708-944d-46ed-93d9-fa28cd76f232/is-tls-fast-yet-01.png
WARNING - (**5.6 days**) - https://res.cloudinary.com/indysigner/image/fetch/f_auto,q_auto/w_1200/https://cloud.netlifyusercontent.com/assets/344dbf88-fdf9-42bb-adb4-46f01eedd629/705ed9b1-cd4d-4231-b808-ce8c2e72e070/review-required-checks-pr.png

Use a CDN for all static assets: 98/100

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

CDN's Used:
www.smashingmagazine.com : Netlify
d33wubrfki0l68.cloudfront.net : Amazon CloudFront
res.cloudinary.com : Fastly
player.vimeo.com : Fastly
cloud.netlifyusercontent.com : Amazon CloudFront
www.google-analytics.com : Google
cdnjs.cloudflare.com : Cloudflare
stats.g.doubleclick.net : Google
www.youtube.com : 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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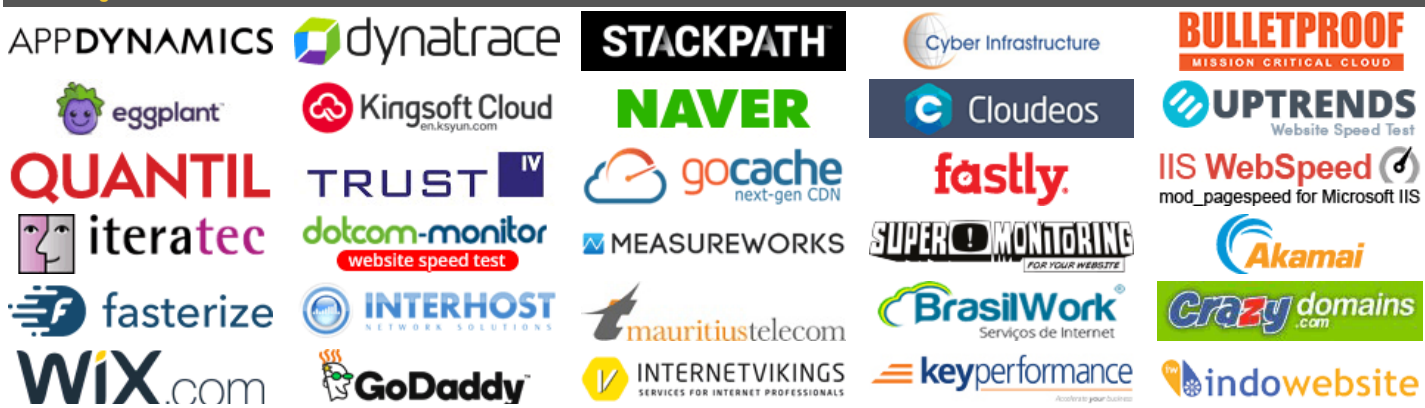

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