HOME **TEST RESULT**  **TEST HISTORY** 

FORUMS

Content Breakdown

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# Web Page Performance Test for

emartbymao.000webhostapp.com/

From: Dulles, VA - Chrome - Cable

28/04/2020, 23:23:03

Keep-alive

Compress

Cache Compress

Effective use of CDN

Summary Details Performance Review

Tester: VM01-03-172.16.20.246 First View only Test runs: 3 Re-run the test

First Byte

Processing Breakdown

Enabled

Screenshot

static content

Image Analysis 🗗 Request Map 🗗 View JSON result

Raw page data - Raw object data Export HTTP Archive (.har)

View Test Log

## Performance Results (Median Run - SpeedIndex)

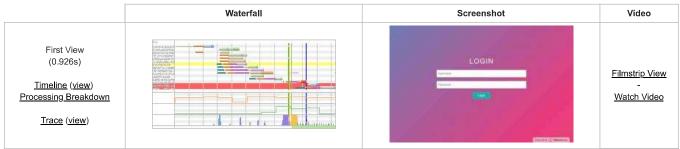
Domains

							Doci	ıment Com	olete		Fully Loa	ded		
	Load Time	First Byte	Start Render	<u>First</u> Contentful <u>Paint</u>	<u>Speed</u> <u>Index</u>	<u>Last Painted</u> <u>Hero</u>	First CPU Idle	Time	Requests	Bytes In	Time	Requests	Bytes In	Cost
First View (Run 3)	0.781s	0.146s	0.700s	0.668s	1.818s	2.200s	> 0.700s	0.781s	13	121 KB	0.939s	15	127 KB	<u>\$</u>

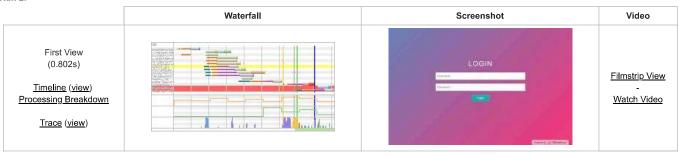
Plot Full Results

## **Test Results**

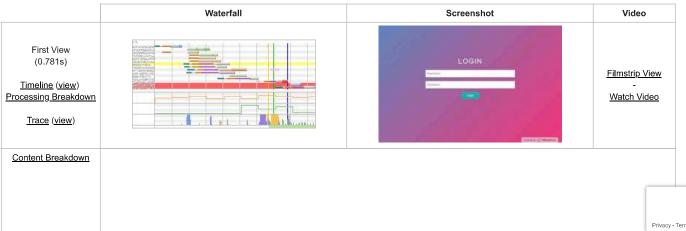
#### Run 1:

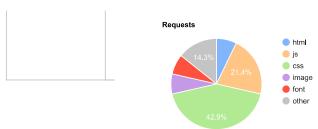


### Run 2:



## Run 3:

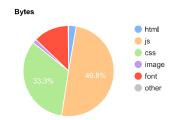






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Content Breakdown

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Performance Review

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From: Dulles, VA - Chrome - Cable 28/04/2020, 23:23:03

First Byte

Keep-alive

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Images

Cache Effective

use of CDN content

Need help improving?

Processing Breakdown Image Analysis 🗗 Request Map 🗗

Compress

<u>Details</u> Tester: VM01-03-172.16.20.246

First View only

Screenshot

Export HTTP Archive (.har) Custom Metrics

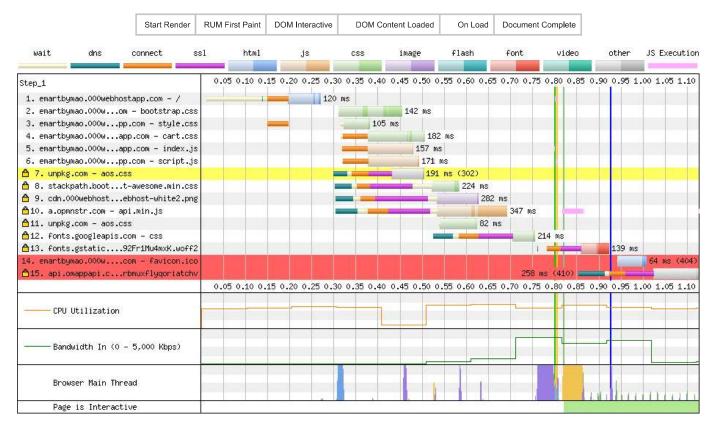
Test runs: 3

										Document Complete			Fully Loaded		
	Load Time	First Byte	Start Render	<u>First</u> <u>Contentful</u> <u>Paint</u>	Visually Complete	Speed Index	<u>Last</u> <u>Painted</u> <u>Hero</u>	<u>First</u> <u>CPU</u> <u>Idle</u>	Result (error code)	Time	Requests	Bytes In	Time	Requests	Bytes In
First View (Run 1)	0.926s	0.255s	0.800s	0.820s	2.700s	1.925s	2.300s	> 0.800s	99999	0.926s	13	121 KB	1.124s	15	127 KB

Domains

Colordepth	domInteractive	domContentLoaded	<u>loadEvent</u>
24	0.805s	0.805s - 0.806s (0.001s)	0.926s - 0.926s (0.000s)

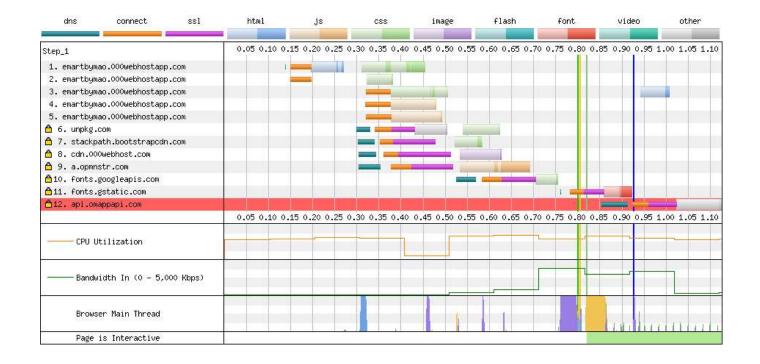
## **Waterfall View**



customize waterfall • View all Images • View HTTP/2 Dependency Graph • Filmstrip

### **Connection View**





## **Request Details**

Before Start Render	Before On Load	After On Load	

#### Request Details

#	Resource	Content Type	Request Start		Initial Connection	SSL Negotiation	Time to First Byte	Content Download	Bytes Downloaded	Certificates	Error/Status Code	IP
1	http://emartbymao.000webhostapp.com/	text/html	0.197 s	0 ms	47 ms	-	58 ms	15 ms	3.3 KB	-	200	145.14.144.117
2	http://emartbymao.00om/css/bootstrap.css	text/css	0.312 s	-	-	-	54 ms	88 ms	28.5 KB	-	200	145.14.144.117
3	http://emartbymao.00pp.com/css/style.css	text/css	0.323 s	-	47 ms	-	57 ms	1 ms	0.9 KB	-	200	145.14.144.117
4	http://emartbymao.00app.com/css/cart.css	text/css	0.378 s	-	55 ms	-	89 ms	38 ms	1.5 KB	-	200	145.14.144.117
5	http://emartbymao.00tapp.com/js/index.js	application/javascript	0.378 s	-	56 ms	-	101 ms	-	-	-	200	145.14.144.117
6	http://emartbymao.00app.com/js/script.js	application/javascript	0.378 s	-	56 ms	-	112 ms	3 ms	1.2 KB	-	200	145.14.144.117
7	https://unpkg.com/aos@next/dist/aos.css	text/plain	0.431 s	31 ms	35 ms	54 ms	71 ms	-	0.1 KB	-	302	104.16.126.175
8	https://stackpath.bofont-awesome.min.css	text/css	0.522 s	37 ms	29 ms	97 ms	52 ms	9 ms	6.9 KB	-	200	209.197.3.15
9	https://cdn.000webho00webhost-white2.png	image/webp	0.534 s	38 ms	31 ms	121 ms	91 ms	1 ms	1.7 KB	-	200	104.20.68.46
10	https://a.opmnstr.com/app/js/api.min.js	application/javascript	0.534 s	49 ms	45 ms	96 ms	77 ms	80 ms	58.8 KB	-	200	23.111.11.182
11	https://unpkg.com/aobeta.6/dist/aos.css	text/css	0.541 s	-	-	-	80 ms	2 ms	1.7 KB	-	200	104.16.126.175
12	https://fonts.google%20rel=%22stylesheet	text/css	0.705 s	43 ms	44 ms	78 ms	46 ms	3 ms	0.7 KB	-	200	172.217.13.234
13	https://fonts.gstatiqEu92Fr1Mu4mxK.woff2	font/woff2	0.86 s	0 ms	30 ms	47 ms	36 ms	26 ms	15.4 KB	-	200	172.217.12.227
14	http://emartbymao.00tapp.com/favicon.ico	text/html	0.943 s	-	-	-	55 ms	9 ms	6.0 KB	-	404	145.14.144.117
15	https://api.omappapif6brbmuxflyqoriatchv	application/json	1.024 s	58 ms	35 ms	65 ms	98 ms	2 ms	0.1 KB	-	410	13.225.221.62

### **Request Headers**

### + Expand All

- + Request 1: http://emartbymao.000webhostapp.com/
- + Request 2: http://emartbymao.000webhostapp.com/css/bootstrap.css
- + Request 3: http://emartbymao.000webhostapp.com/css/style.css
- + Request 4: http://emartbymao.000webhostapp.com/css/cart.css
- + Request 5: http://emartbymao.000webhostapp.com/js/index.js
- + Request 6: http://emartbymao.000webhostapp.com/js/script.js
- + Request 7: https://unpkg.com/aos@next/dist/aos.css
- $+ \ Request \ 8: \ https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css$
- + Request 9: https://cdn.000webhost.com/000webhost/logo/footer-powered-by-000webhost-white2.png
- + Request 10: https://a.opmnstr.com/app/js/api.min.js

- + Request 11: https://unpkg.com/aos@3.0.0-beta.6/dist/aos.css
- $+ \ Request\ 12:\ https://fonts.googleap is.com/css?family=Roboto: 300,400,500\&display=swap\%22\%20 rel=\%22 style sheet$
- + Request 13: https://fonts.gstatic.com/s/roboto/v20/KFOmCnqEu92Fr1Mu4mxK.woff2
- + Request 14: http://emartbymao.000webhostapp.com/favicon.ico
- + Request 15: https://api.omappapi.com/v2/embed/71036/f6brbmuxflyqoriatchv

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First Byte Keep-alive C

Compress Compre Transfer Images

press Cache es static Effective use of CDN

Need help improving?

Summary Details Performance Review Content Breakdown Domains Processing Breakdown Screenshot Image Analysis 🗗 Request Map 🗗

#### Full Optimization Checklist

1	Keep-Alive	GZip	Compress Img	Progressive	Cache Static	CDN Detected
Step_1	100%	100%	100%	N/A	50%	60%
1: emartbymao.000webhostapp.com - /	1	1			200	2400
2: emartbymao.000wecom - bootstrap.css		1			(3)	<b>3</b>
3: emartbymao.000weapp.com - style.css	1				8	<b>3</b>
4: emartbymao.000wetapp.com - cart.css	1	1			(3)	8
5: emartbymao.000wetapp.com - index.js	1					
6: emartbymao.000weapp.com – script.js	1	1			(3)	•
7: unpkg.com – aos.css						
8: stackpath.bootstont-awesome.min.css	1	<b>V</b>	100		/	<b>V</b>
9: cdn.000webhost.cOwebhost-white2.png	/		1		<u> </u>	<b>V</b>
10: a.opmnstr.com – api.min.js		1	-		<b>V</b>	1
11: unpkg.com – aos.css	1	1			<b>V</b>	<b>V</b>
12: fonts.googleapis.com – css	1	1			<b>A</b>	<b>V</b>
13: fonts.gstatic.cEu92Fr1Mu4mxK.woff2	1				<b>V</b>	1
14: emartbymac.000wp.com - Pavicon.ico						
15: api.omappapi.combrbmuxflygoriatchv						
	Keep-Alive	GZip	Compress Img	Progressive	Cache Static	CDN Detected

## **Details**

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

255 ms First Byte Time 397 ms Target First Byte Time

Use persistent connections (keep alive): 100/100

Use gzip compression for transferring compressable responses: 100/100<u>Learn</u>
<u>More</u>

105.4 KB total in compressible text, target size = 105.4 KB - potential savings =  $\mathbf{0.0}$  KB

Compress Images: 100/100 Learn More

1.7 KB total in images, target size = 1.7 KB - potential savings = **0.0 KB** 

**Use Progressive JPEGs: N/A Learn More** 

## Leverage browser caching of static assets: 50/100 Learn More

 ${\sf FAILED - (\textbf{No max-age or expires}) - http://emartbymao.000 we bhost app.com/css/bootstrap.css}$ 

FAILED - (No max-age or expires) - http://emartbymao.000webhostapp.com/css/style.css

FAILED - (No max-age or expires) - http://emartbymao.000webhostapp.com/css/cart.css FAILED - (No max-age or expires) - http://emartbymao.000webhostapp.com/js/script.js

WARNING - (3.0 hours) - https://cdn.000webhost.com/000webhost/logo/footer-powered-by-000webhost-white2.png

WARNING - (24.0 hours) - https://fonts.googleapis.com/css?family=Roboto:300,400,500&display=swap%22%20rel=%22stylesheet

## Use a CDN for all static assets: 60/100

FAILED - http://emartbymao.000webhostapp.com/css/bootstrap.css FAILED - http://emartbymao.000webhostapp.com/css/style.css FAILED - http://emartbymao.000webhostapp.com/css/cart.css FAILED - http://emartbymao.000webhostapp.com/js/script.js

CDN's Used:

emartbymao.000webhostapp.com: stackpath.bootstrapcdn.com: Highwinds cdn.000webhost.com: Cloudflare a.opmnstr.com: NetDNA unpkg.com: Cloudflare

fonts.googleapis.com : Google fonts.gstatic.com : Google

## **Glossary:**

	Applicable Objects	Time to First Byte for the page (back-end processing + redirects)
First Byte Time	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
	Applicable Objects	All objects with a mime type of "text/*" or "*javascript*"
GZIP Text	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	Applicable Objects	JPEG Images
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	Applicable Objects	All JPEG Images
Progressive JPEGs	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.
	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"
Cache Static	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.
	Applicable Objects	All static non html content (egg. in and images)
	Applicable Objects	All static non-html content (css, js and images)
Use A CDN	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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First Byte

Keep-alive Enabled Compress Transfer Compress Cache Images static content Effective use of CDN

Summary Details Performa

Performance Review Content Breakdown Domains

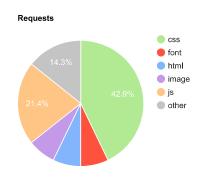
nains Processing Breakdown

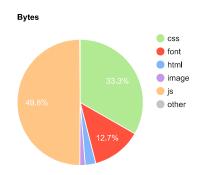
Screenshot

Image Analysis 🗗 Request Map 🗗

------

# Content breakdown by MIME type (First View)



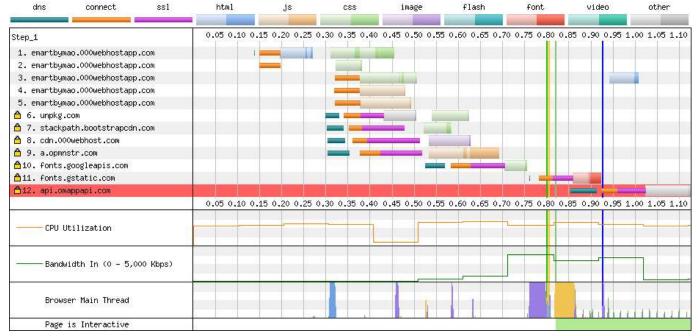


MIME Type	Requests ▼
css	6
js	3
other	2
font	1
html	1
image	1
flash	0
video	0
image flash	1 1 0 0

MIME Type	Bytes ▼	Uncompressed
js	61,496	207,204
css	41,111	250,089
font	15,736	15,736
html	3,330	9,091
image	1,696	1,696
other	178	126
flash	0	0
video	0	0

## **Connection View**

DNS Lookup	Initial Connection	SSL Negotiation	Start Render	DOM Content Loaded	On Load	Document Complete
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First Byte

Keep-alive Enabled Compress Transfer Images Cache static content Effective use of CDN

Summary Details F

Performance Review Content Breakdown

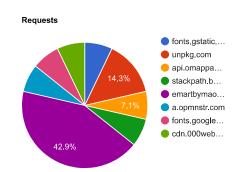
**Domains** Processing Breakdown

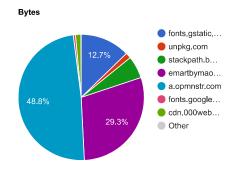
Screenshot

Image Analysis 🗗 Request Map 🗗

c use of CI ent

# Content breakdown by domain (First View)





Domain	Requests ▼
emartbymao.000webhostapp.com	6
unpkg.com	2
fonts.gstatic.com	1
api.omappapi.com	1
stackpath.bootstrapcdn.com	1
a.opmnstr.com	1
fonts.googleapis.com	1
cdn.000webhost.com	1

Domain	Bytes ▼
a.opmnstr.com	60,261
emartbymao.000webhostapp.com	36,200
fonts.gstatic.com	15,736
stackpath.bootstrapcdn.com	7,050
unpkg.com	1,787
cdn.000webhost.com	1,696
fonts.googleapis.com	691
api.omappapi.com	126

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