Web Page Performance Test for

emartbymao.000webhostapp.com/contact.html

From: Mumbai, India - EC2 - **Chrome - Cable**
28/04/2020, 23:51:30

Need help improving?

A	A	A	A	F	X
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 Screenshot Image Analysis Request Map

Tester: i-0fdc3abc751969d6a
Test runs: **3**
Re-run the test

View JSON result
Raw page data - Raw object data
Export HTTP Archive (.har)
View Test Log

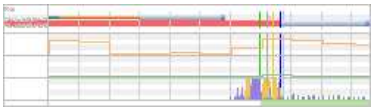
Performance Results (Median Run - SpeedIndex)

	Load Time	First Byte	Start Render	First Contentful Paint	Speed Index	Last Painted Hero	First CPU Idle	Document Complete			Fully Loaded			
								Time	Requests	Bytes In	Time	Requests	Bytes In	Cost
First View (Run 3)	2.282s	0.701s	2.200s	2.197s	3.528s	4.000s	> 2.200s	2.282s	17	213 KB	2.578s	19	219 KB	$----
Repeat View (Run 3)	0.762s	0.587s	0.700s	0.705s	2.117s	2.600s	> 0.700s	0.762s	1	5 KB	1.054s	2	11 KB	

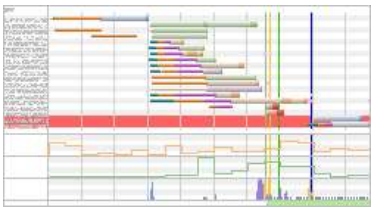
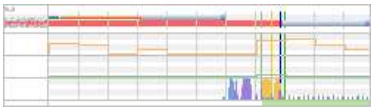
Plot Full Results

Test Results

Run 1:

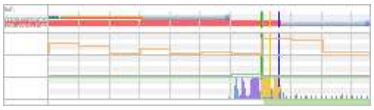
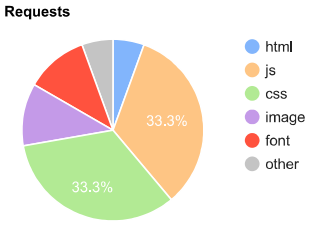
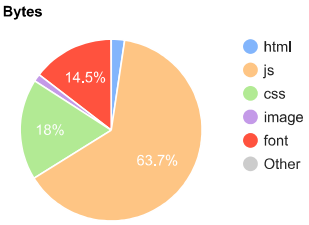
	Waterfall	Screenshot	Video
First View (2.395s) Timeline (view) Processing Breakdown Trace (view)			Filmstrip View - Watch Video
Repeat View (0.765s) Timeline (view) Processing Breakdown Trace (view)			Filmstrip View - Watch Video

Run 2:

	Waterfall	Screenshot	Video
First View (1.592s) Timeline (view) Processing Breakdown Trace (view)			Filmstrip View - Watch Video
Repeat View (0.788s) Timeline (view) Processing Breakdown Trace (view)			Filmstrip View - Watch Video

Privacy - Terms

Run 3:

	Waterfall	Screenshot	Video
First View (2.282s) Timeline (view) Processing Breakdown Trace (view)			Filmstrip View - Watch Video
Repeat View (0.762s) Timeline (view) Processing Breakdown Trace (view)			Filmstrip View - Watch Video
Content Breakdown	 		

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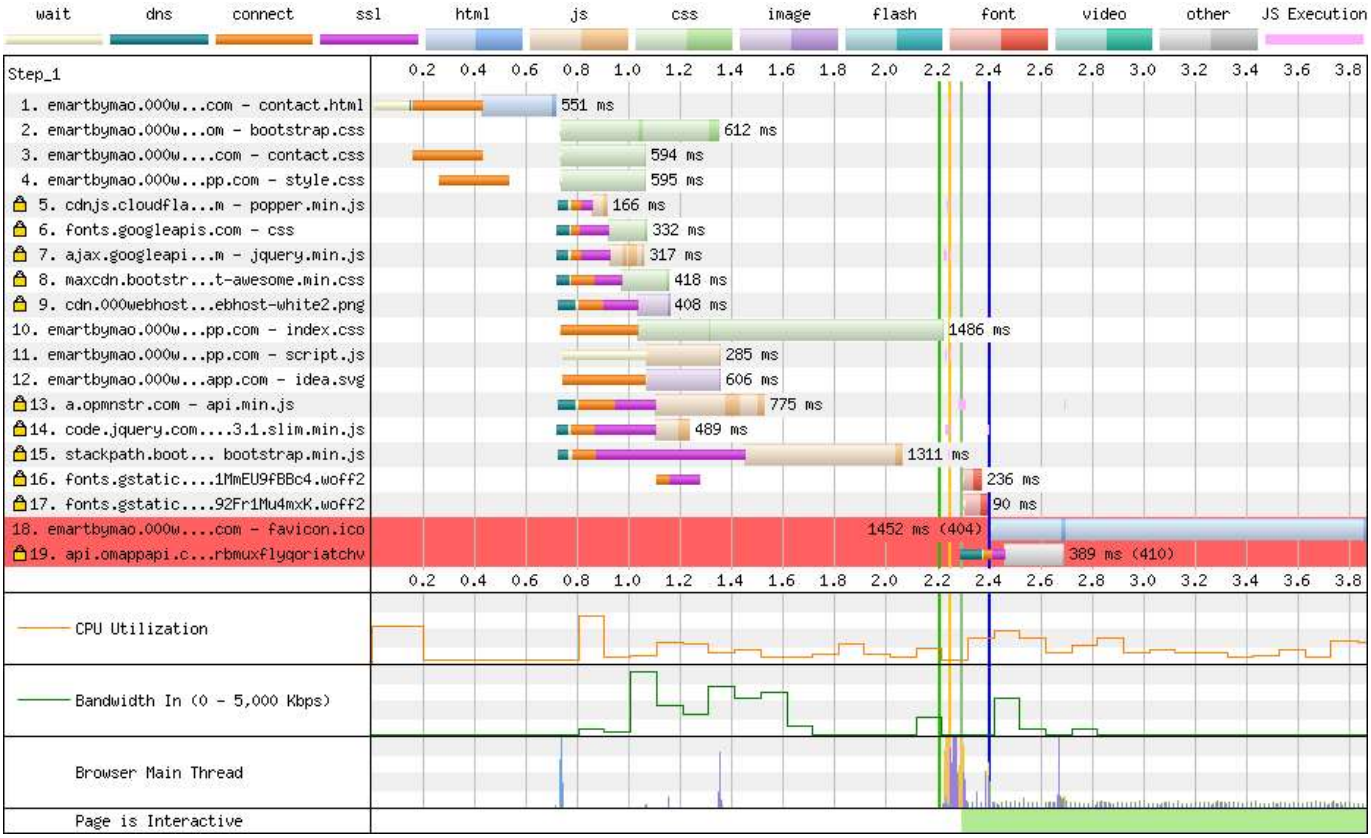
Export HTTP Archive (.har)
Custom Metrics

	Load Time	First Byte	Start Render	First Contentful Paint	Visually Complete	Speed Index	Last Painted Hero	First CPU Idle	Result (error code)	Document Complete Time	Document Complete Requests	Document Complete Bytes In	Fully Loaded Time	Fully Loaded Requests	Fully Loaded Bytes In
First View (Run 1)	2.395s	0.706s	2.200s	2.288s	5.700s	4.435s	5.200s	2.246s	99999	2.395s	17	213 KB	3.858s	19	219 KB

Colordepth	domInteractive	domContentLoaded	loadEvent
24	2.245s	2.245s - 2.246s (0.001s)	2.396s - 2.396s (0.000s)

Waterfall View

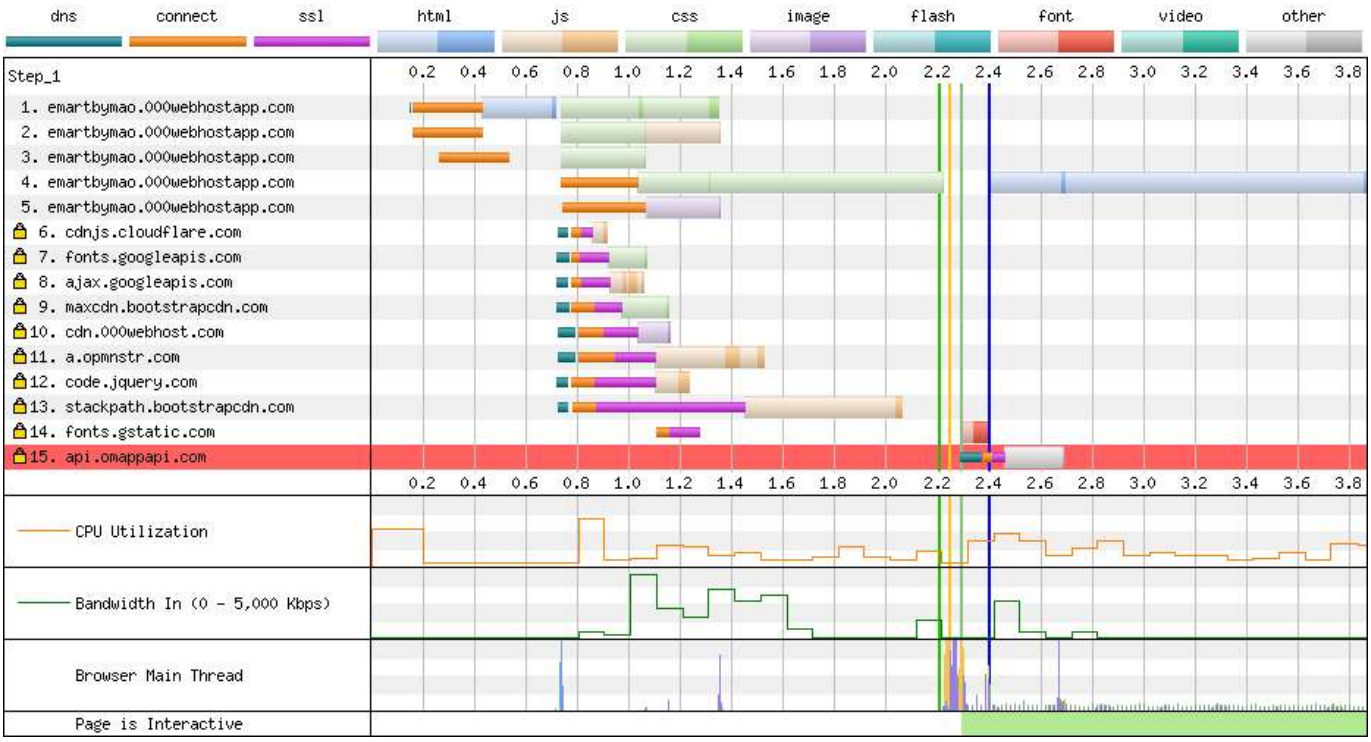
Start Render | RUM First Paint | DOM Interactive | DOM Content Loaded | On Load | Document Complete



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

Connection View

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



Request Details

Before Start Render | Before On Load | After On Load

Request Details

#	Resource	Content Type	Request Start	DNS Lookup	Initial Connection	SSL Negotiation	Time to First Byte	Content Download	Bytes Downloaded	Certificates	Error/Status Code	IP
1	http://emartbymao.00...app.com/contact.html	text/html	0.43 s	0 ms	267 ms	-	276 ms	8 ms	5.1 KB	-	200	145.14.144.129
2	http://emartbymao.00...om/css/bootstrap.css	text/css	0.736 s	-	-	-	302 ms	310 ms	28.5 KB	-	200	145.14.144.129
3	http://emartbymao.00....com/css/contact.css	text/css	0.736 s	-	269 ms	-	324 ms	1 ms	0.6 KB	-	200	145.14.144.129
4	http://emartbymao.00...pp.com/css/style.css	text/css	0.737 s	-	268 ms	-	326 ms	1 ms	0.9 KB	-	200	145.14.144.129
5	https://cdnjs.cloudf....7/umd/popper.min.js	application/javascript	0.856 s	34 ms	30 ms	45 ms	46 ms	11 ms	7.0 KB	-	200	104.16.132.229
6	https://fonts.google...400,500&display=swap	text/css	0.92 s	43 ms	31 ms	111 ms	144 ms	3 ms	0.7 KB	-	200	216.58.196.74
7	https://ajax.googlea.../3.4.1/jquery.min.js	text/javascript	0.924 s	38 ms	31 ms	114 ms	53 ms	81 ms	30.1 KB	-	200	172.217.27.202
8	https://maxcdn.boots...font-awesome.min.css	text/css	0.972 s	43 ms	85 ms	109 ms	174 ms	7 ms	6.1 KB	-	200	209.197.3.15
9	https://cdn.000webho...00webhost-white2.png	image/webp	1.037 s	61 ms	89 ms	139 ms	118 ms	1 ms	1.7 KB	-	200	104.20.68.46
10	http://emartbymao.00...pp.com/css/index.css	text/css	1.037 s	-	301 ms	-	276 ms	909 ms	1.4 KB	-	200	145.14.144.129
11	http://emartbymao.00...app.com/js/script.js	application/javascript	1.067 s	-	-	-	284 ms	1 ms	1.2 KB	-	200	145.14.144.129
12	http://emartbymao.00....com/images/idea.svg	image/svg+xml	1.068 s	-	320 ms	-	286 ms	-	1.2 KB	-	200	145.14.144.129
13	https://a.opmnstr.com/app/js/api.min.js	application/javascript	1.101 s	61 ms	137 ms	156 ms	276 ms	145 ms	58.8 KB	-	200	151.139.104.100
14	https://code.jquery....ry-3.3.1.slim.min.js	application/javascript	1.101 s	35 ms	84 ms	237 ms	93 ms	40 ms	23.5 KB	-	200	209.197.3.24
15	https://stackpath.bo.../js/bootstrap.min.js	text/javascript	1.452 s	35 ms	85 ms	585 ms	584 ms	22 ms	15.1 KB	-	200	209.197.3.15
16	https://fonts.gstati...2Fr1MmEU9fBBc4.woff2	font/woff2	2.302 s	-	46 ms	123 ms	36 ms	31 ms	15.5 KB	-	200	172.217.160.195
17	https://fonts.gstati...qEu92Fr1Mu4mxK.woff2	font/woff2	2.303 s	-	-	-	67 ms	23 ms	15.4 KB	-	200	172.217.160.195
18	http://emartbymao.00...tapp.com/favicon.ico	text/html	2.406 s	-	-	-	276 ms	1176 ms	6.0 KB	-	404	145.14.144.129
19	https://api.omappapi...f6brbmuxflygoriatchv	application/json	2.459 s	80 ms	30 ms	50 ms	226 ms	3 ms	0.1 KB	-	410	13.227.141.48

Request Headers

+ Expand All

+ Request 1: http://emartbymao.000webhostapp.com/contact.html

+ Request 2: http://emartbymao.000webhostapp.com/css/bootstrap.css

+ Request 3: http://emartbymao.000webhostapp.com/css/contact.css

+ Request 4: http://emartbymao.000webhostapp.com/css/style.css

+ Request 5: https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js

+ Request 6: https://fonts.googleapis.com/css?family=Roboto:300,400,500&display=swap

+ Request 7: https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js

+ Request 8: https://maxcdn.bootstrapcdn.com/font-awesome/4.5.0/css/font-awesome.min.css

+ Request 9: https://cdn.000webhost.com/000webhost/logo/footer-powered-by-000webhost-white2.png

+ Request 10: http://emartbymao.000webhostapp.com/css/index.css

+ Request 11: http://emartbymao.000webhostapp.com/js/script.js

+ Request 12: http://emartbymao.000webhostapp.com/images/idea.svg

+ Request 13: https://a.opmnstr.com/app/js/api.min.js

+ Request 14: https://code.jquery.com/jquery-3.3.1.slim.min.js

+ Request 15: https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js

+ Request 16: https://fonts.gstatic.com/s/roboto/v20/KFOlCnqEu92Fr1MmEU9fBBc4.woff2

+ Request 17: https://fonts.gstatic.com/s/roboto/v20/KFOmCnqEu92Fr1Mu4mxK.woff2

+ Request 18: http://emartbymao.000webhostapp.com/favicon.ico

+ Request 19: https://api.omappapi.com/v2/embed/71036/f6brbmuxflyqoriatchv

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Full Optimization Checklist

Step_1	Keep-Alive 100%	GZip 100%	Compress Img 100%	Progressive N/A	Cache Static 56%	CDN Detected 62%
1: emartbymao.000we....com - contact.html	✓	✓				
2: emartbymao.000we...com - bootstrap.css	✓	✓			✗	✗
3: emartbymao.000we...p.com - contact.css	✓	✓			✗	✗
4: emartbymao.000we...app.com - style.css	✓				✗	✗
5: cdnjs.cloudflare.com - popper.min.js	✓	✓			✓	✓
6: fonts.googleapis.com - css	✓	✓			⚠	✓
7: ajax.googleapis.com - jquery.min.js	✓	✓			✓	✓
8: maxcdn.bootstrap...ont-awesome.min.css	✓	✓			✓	✓
9: cdn.000webhost.c...0webhost-white2.png	✓		✓		⚠	✓
10: emartbymao.000w...app.com - index.css	✓	✓			✗	✗
11: emartbymao.000w...app.com - script.js	✓	✓			✗	✗
12: emartbymao.000w...tapp.com - idea.svg	✓	✓			✗	✗
13: a.opmnstr.com - api.min.js	✓	✓			✓	✓
14: code.jquery.com...y-3.3.1.slim.min.js	✓	✓			✓	✓
15: stackpath.boots... - bootstrap.min.js	✓	✓			✓	✓
16: fonts.gstatic.c...Fr1MmEU9fBBc4.woff2	✓				✓	✓
17: fonts.gstatic.c...Eu92Fr1Mu4mxK.woff2	✓				✓	✓
18: emartbymao.000w...p.com - favicon.ico						
19: api.omappapi.com...brbmuxflyqoriatchv						
	Keep-Alive	GZip	Compress Img	Progressive	Cache Static	CDN Detected

Details

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

706 ms First Byte Time
797 ms Target First Byte Time

Use persistent connections (keep alive): 100/100

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

183.1 KB total in compressible text, target size = 183.1 KB - potential savings = **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: 56/100 Learn More

FAILED - (**No max-age or expires**) - http://emartbymao.000webhostapp.com/css/bootstrap.css
FAILED - (**No max-age or expires**) - http://emartbymao.000webhostapp.com/css/contact.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/index.css

FAILED - (**No max-age or expires**) - http://emartbymao.000webhostapp.com/js/script.js
FAILED - (**No max-age or expires**) - http://emartbymao.000webhostapp.com/images/idea.svg
WARNING - (**3.8 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

Use a CDN for all static assets: 62/100

FAILED - http://emartbymao.000webhostapp.com/css/bootstrap.css
FAILED - http://emartbymao.000webhostapp.com/js/script.js
FAILED - http://emartbymao.000webhostapp.com/images/idea.svg
FAILED - http://emartbymao.000webhostapp.com/css/contact.css
FAILED - http://emartbymao.000webhostapp.com/css/style.css
FAILED - http://emartbymao.000webhostapp.com/css/index.css

CDN's Used:
emartbymao.000webhostapp.com :
cdnjs.cloudflare.com : Cloudflare
fonts.googleapis.com : Google
ajax.googleapis.com : Google
maxcdn.bootstrapcdn.com : Highwinds
cdn.000webhost.com : Cloudflare
a.opmnstr.com : NetDNA
code.jquery.com : Highwinds
stackpath.bootstrapcdn.com : Highwinds
fonts.gstatic.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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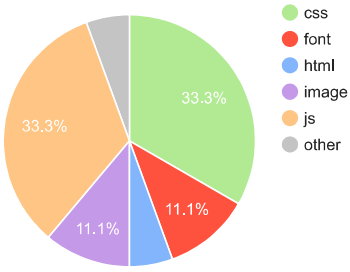
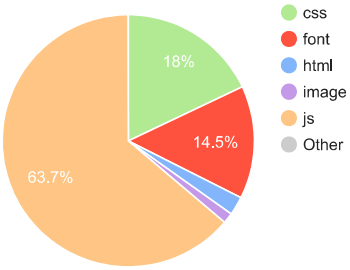
Content breakdown by MIME type (First View)

Requests



Bytes

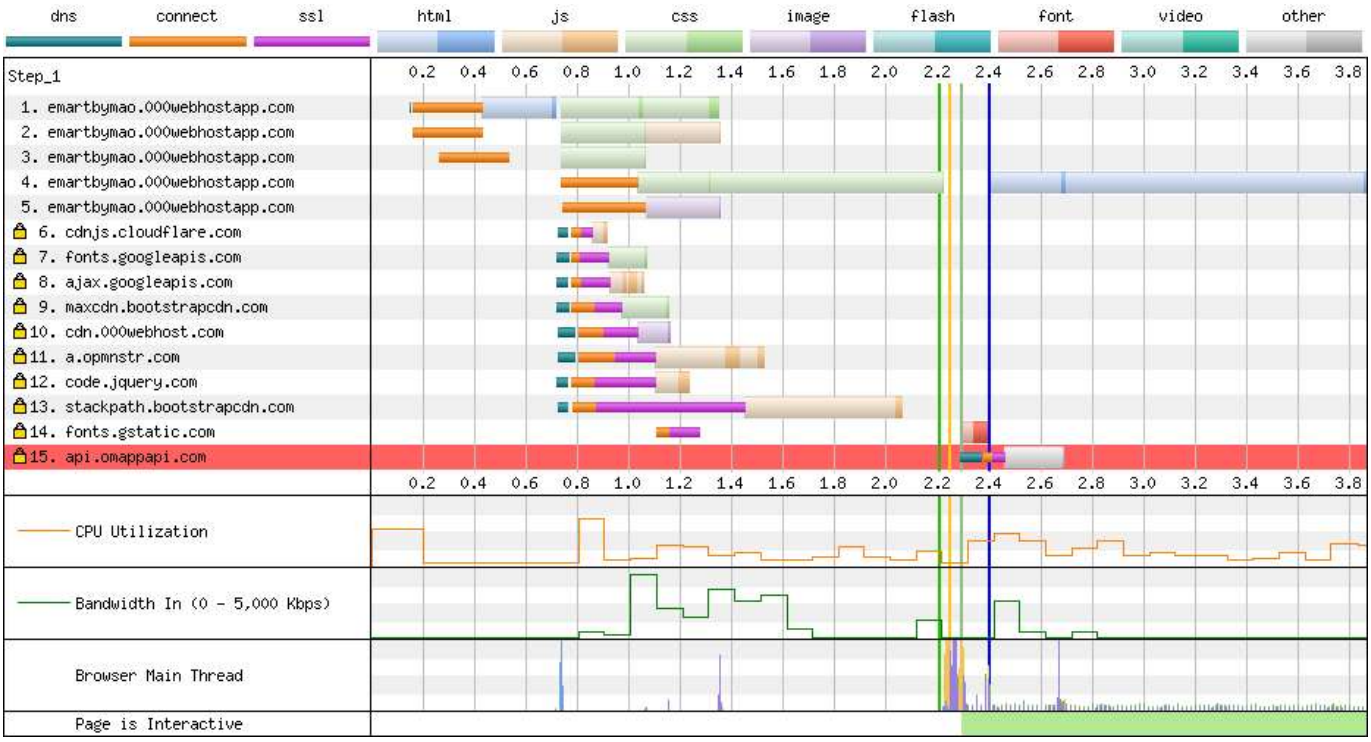


MIME Type	Requests ▼
css	6
js	6
font	2
image	2
html	1
other	1
flash	0
video	0

MIME Type	Bytes ▼	Uncompressed
js	138,929	444,342
css	39,137	221,528
font	31,608	31,608
html	5,194	13,666
image	2,955	5,469
other	126	126
flash	0	0
video	0	0

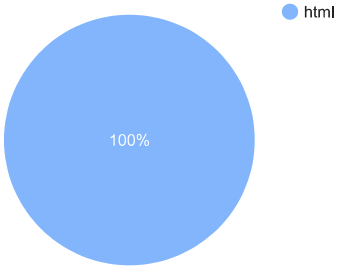
Connection View

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

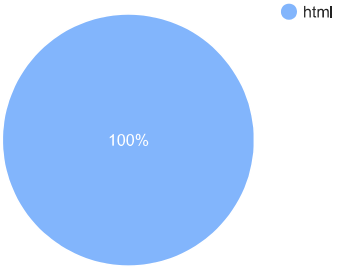


Content breakdown by MIME type (Repeat View)

Requests



Bytes



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

MIME Type	Bytes ▼	Uncompressed
html	5,194	13,666
css	0	0
flash	0	0
font	0	0
image	0	0
js	0	0
other	0	0
video	0	0

Connection View

DNS Lookup	Initial Connection	Start Render	DOM Content Loaded	On Load	Document Complete

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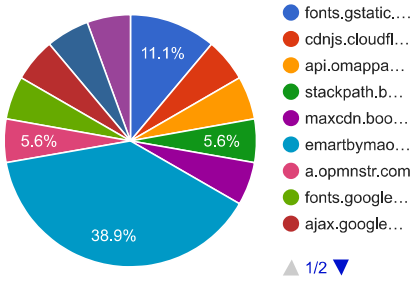
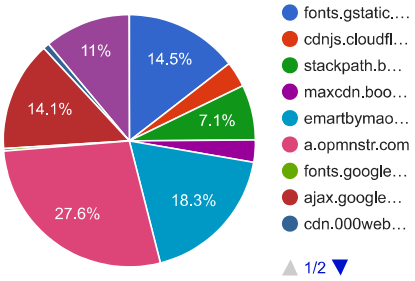
Content breakdown by domain (First View)

Requests



Bytes

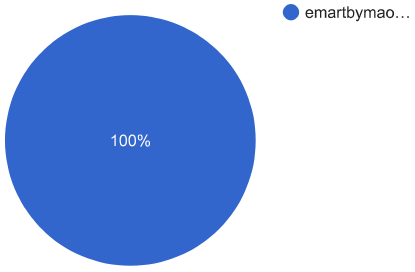


Domain	Requests ▼
emartbymao.000webhostapp.com	7
fonts.gstatic.com	2
cdnjs.cloudflare.com	1
api.omappapi.com	1
stackpath.bootstrapcdn.com	1
maxcdn.bootstrapcdn.com	1
a.opmnstr.com	1
fonts.googleapis.com	1
ajax.googleapis.com	1
cdn.000webhost.com	1
code.jquery.com	1

Domain	Bytes ▼
a.opmnstr.com	60,261
emartbymao.000webhostapp.com	39,881
fonts.gstatic.com	31,608
ajax.googleapis.com	30,774
code.jquery.com	24,038
stackpath.bootstrapcdn.com	15,434
cdnjs.cloudflare.com	7,187
maxcdn.bootstrapcdn.com	6,241
cdn.000webhost.com	1,696
fonts.googleapis.com	703
api.omappapi.com	126

Content breakdown by domain (Repeat View)

Requests



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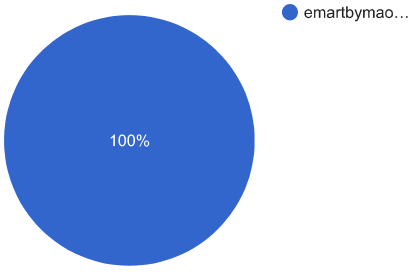

Domain	Requests ▼
emartbymao.000webhostapp.com	1

Domain	Bytes ▼
emartbymao.000webhostapp.com	5,194

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