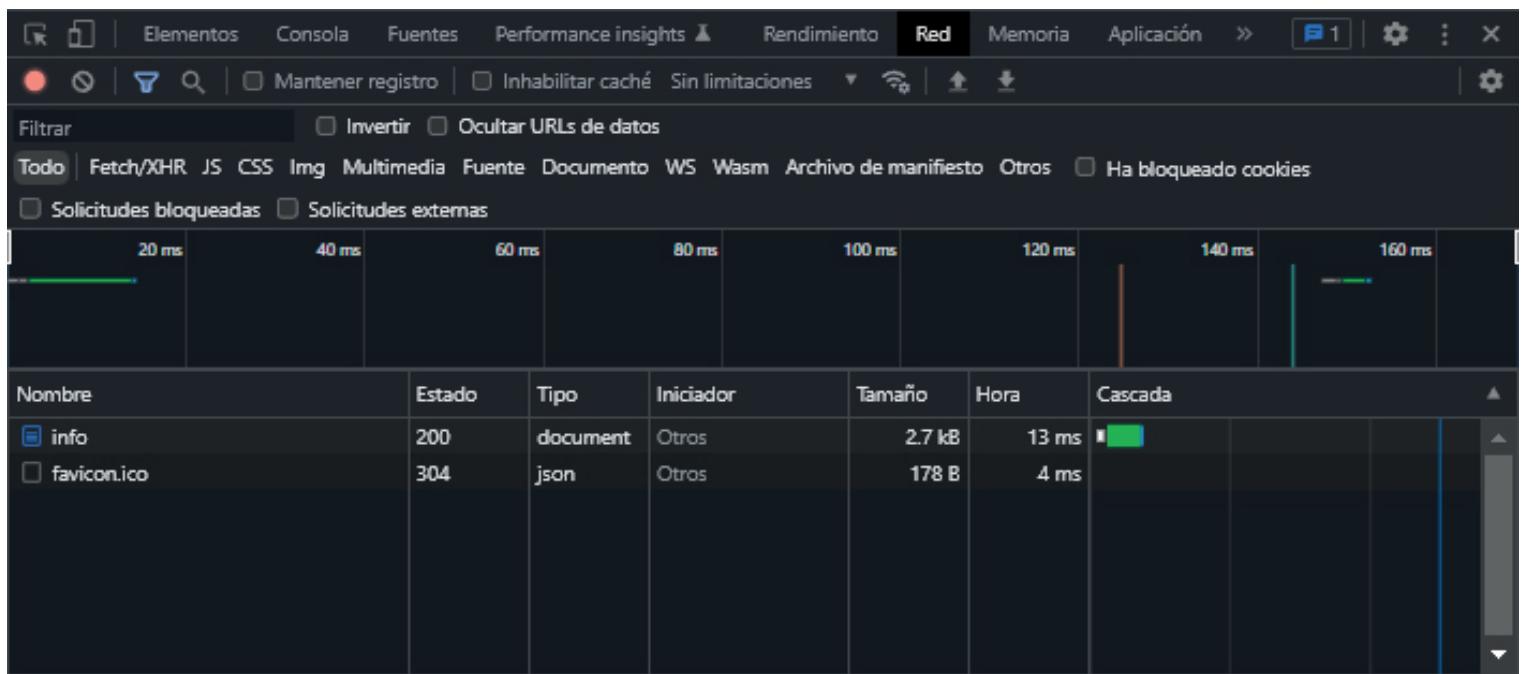
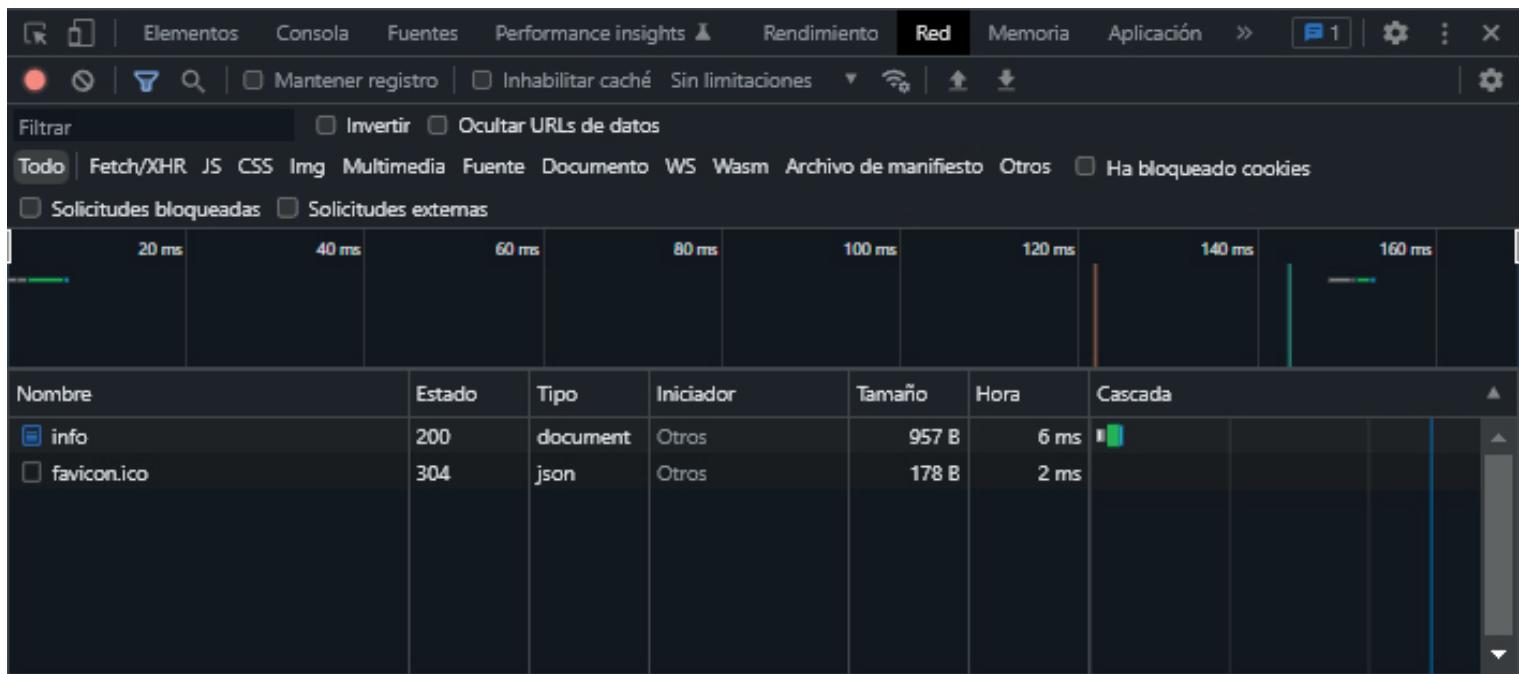


Informe: Compresión GZIP y Análisis completo de Performance

Comparación de resultados GET /info con y sin compresión GZIP:



Resultado sin compresión GZIP: tamaño de la respuesta en KB: 2.7



Resultado con compresión GZIP: tamaño de la respuesta en KB: 0.957

A continuación se detallan en imágenes las distintas pruebas de rendimiento realizadas sobre /info con GET. A la izquierda: con `console.log`, y a la derecha: sin `console.log`.

```

performance > artilleryconsole.txt
1 Phase started: unnamed (index: 0, duration: 1s) 22:45:42(-0300)
2
3 Phase completed: unnamed (index: 0, duration: 1s) 22:45:43(-0300)
4
5
6 Metrics for period to: 22:45:50(-0300) (width: 3.963s)
7
8
9 http.codes.200: ..... 1000
10 http.request_rate: ..... 255/sec
11 http.requests: ..... 1000
12 http.response_time:
13 | min: ..... 4
14 | max: ..... 318
15 | median: ..... 159.2
16 | p95: ..... 198.4
17 | p99: ..... 219.2
18 http.responses: ..... 1000
19 vusers.completed: ..... 50
20 vusers.created: ..... 50
21 vusers.created_by_name.0: ..... 50
22 vusers.failed: ..... 0
23 vusers.session_length:
24 | min: ..... 1834.3
25 | max: ..... 3268.4
26 | median: ..... 3134.5
27 | p95: ..... 3262.4
28 | p99: ..... 3262.4
29
30
31 All VUs finished. Total time: 5 seconds
32
33
34 Summary report @ 22:45:47(-0300)
35
36
37 http.codes.200: ..... 1000
38 http.request_rate: ..... 255/sec
39 http.requests: ..... 1000
40 http.response_time:
41 | min: ..... 4
42 | max: ..... 318
43 | median: ..... 159.2
44 | p95: ..... 198.4
45 | p99: ..... 219.2
46 http.responses: ..... 1000
47 vusers.completed: ..... 50
48 vusers.created: ..... 50
49 vusers.created_by_name.0: ..... 50
50 vusers.failed: ..... 0
51 vusers.session_length:
52 | min: ..... 1834.3
53 | max: ..... 3268.4
54 | median: ..... 3134.5
55 | p95: ..... 3262.4
56 | p99: ..... 3262.4
57

performance > artillerynoconsole.txt
1 Phase started: unnamed (index: 0, duration: 1s) 23:17:27(-0300)
2
3 Phase completed: unnamed (index: 0, duration: 1s) 23:17:28(-0300)
4
5
6 Metrics for period to: 23:17:30(-0300) (width: 1.129s)
7
8
9 http.codes.200: ..... 1000
10 http.request_rate: ..... 899/sec
11 http.requests: ..... 1000
12 http.response_time:
13 | min: ..... 0
14 | max: ..... 39
15 | median: ..... 18.9
16 | p95: ..... 19.1
17 | p99: ..... 24.8
18 http.responses: ..... 1000
19 vusers.completed: ..... 50
20 vusers.created: ..... 50
21 vusers.created_by_name.0: ..... 50
22 vusers.failed: ..... 0
23 vusers.session_length:
24 | min: ..... 149.5
25 | max: ..... 292.2
26 | median: ..... 252.2
27 | p95: ..... 284.3
28 | p99: ..... 284.3
29
30
31 All VUs finished. Total time: 3 seconds
32
33
34 Summary report @ 23:17:30(-0300)
35
36
37 http.codes.200: ..... 1000
38 http.request_rate: ..... 899/sec
39 http.requests: ..... 1000
40 http.response_time:
41 | min: ..... 0
42 | max: ..... 39
43 | median: ..... 18.9
44 | p95: ..... 19.1
45 | p99: ..... 24.8
46 http.responses: ..... 1000
47 vusers.completed: ..... 50
48 vusers.created: ..... 50
49 vusers.created_by_name.0: ..... 50
50 vusers.failed: ..... 0
51 vusers.session_length:
52 | min: ..... 149.5
53 | max: ..... 292.2
54 | median: ..... 252.2
55 | p95: ..... 284.3
56 | p99: ..... 284.3
57

```

Informe de Artillery

Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	305 ms	328 ms	375 ms	451 ms	331.5 ms	36.33 ms	693 ms

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	264	264	302	319	299.25	13.18	264
Bytes/Sec	712 kB	712 kB	814 kB	860 kB	806 kB	35.5 kB	711 kB

Req/Bytes counts sampled once per second.
of samples: 20
6k requests in 20.06s, 16.1 MB read

Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	52 ms	58 ms	93 ms	106 ms	61.92 ms	11.15 ms	190 ms

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	1093	1093	1635	1732	1600.85	142.3	1093
Bytes/Sec	2.95 MB	2.95 MB	4.41 MB	4.67 MB	4.32 MB	384 kB	2.95 MB

Req/Bytes counts sampled once per second.
of samples: 20
32k requests in 20.05s, 86.3 MB read

Informe de Autocannon, 100 conexiones en 20 segundos

nodeprofconsole.txt

```

1  Statistical profiling result from nodeprofconsole.log, (88996 ticks, 1 unaccounted, 0 excluded).
2
3 [Shared libraries]:
4   ticks total nonlib name
5   87602 98.4% C:\WINDOWS\SYSTEM32\ntdll.dll
6    1283  1.4% C:\Program Files\nodejs\node.exe
7     18  0.0% C:\WINDOWS\System32\KERNELBASE.dll
8      6  0.0% C:\WINDOWS\System32\KERNEL32.DLL
9      2  0.0% C:\WINDOWS\system32\mswsock.dll
10

```

nodeprofnoconsole.txt

```

1  Statistical profiling result from nodeprofnoconsole.log, (7044 ticks, 3 unaccounted, 0 excluded).
2
3 [Shared libraries]:
4   ticks total nonlib name
5   5642 80.1% C:\WINDOWS\SYSTEM32\ntdll.dll
6   1280 18.2% C:\Program Files\nodejs\node.exe
7      5  0.1% C:\WINDOWS\System32\KERNELBASE.dll
8      3  0.0% C:\WINDOWS\System32\mswsock.dll
9
10

```

Summary:

	ticks	total	nonlib	name
82	84	0.1%	98.8%	JavaScript
83	0	0.0%	0.0%	C++
84	36	0.0%	42.4%	GC
85	88911	99.9%		Shared libraries
86	1	0.0%		Unaccounted
87				
88				
89				
90				

Summary:

	ticks	total	nonlib	name
93	111	1.6%	97.4%	JavaScript
94	0	0.0%	0.0%	C++
95	62	0.9%	54.4%	GC
96	6930	98.4%		Shared libraries
97	3	0.0%		Unaccounted
98				
99				
100				

server.js

```

324
325 0.3 ms
326 11.8 ms
327 0.9 ms
328 0.1 ms
329 0.5 ms
330 47.9 ms
331 0.1 ms
332 3.8 ms
333
334
335 3.6 ms
336 18.1 ms
337 9.1 ms
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355

```

server.js

```

324
325 0.6 ms
326 9.5 ms
327 0.2 ms
328 0.1 ms
329 0.2 ms
330 42.9 ms
331 0.3 ms
332 2.5 ms
333
334
335
336 4.0 ms
337 7.4 ms
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355

```

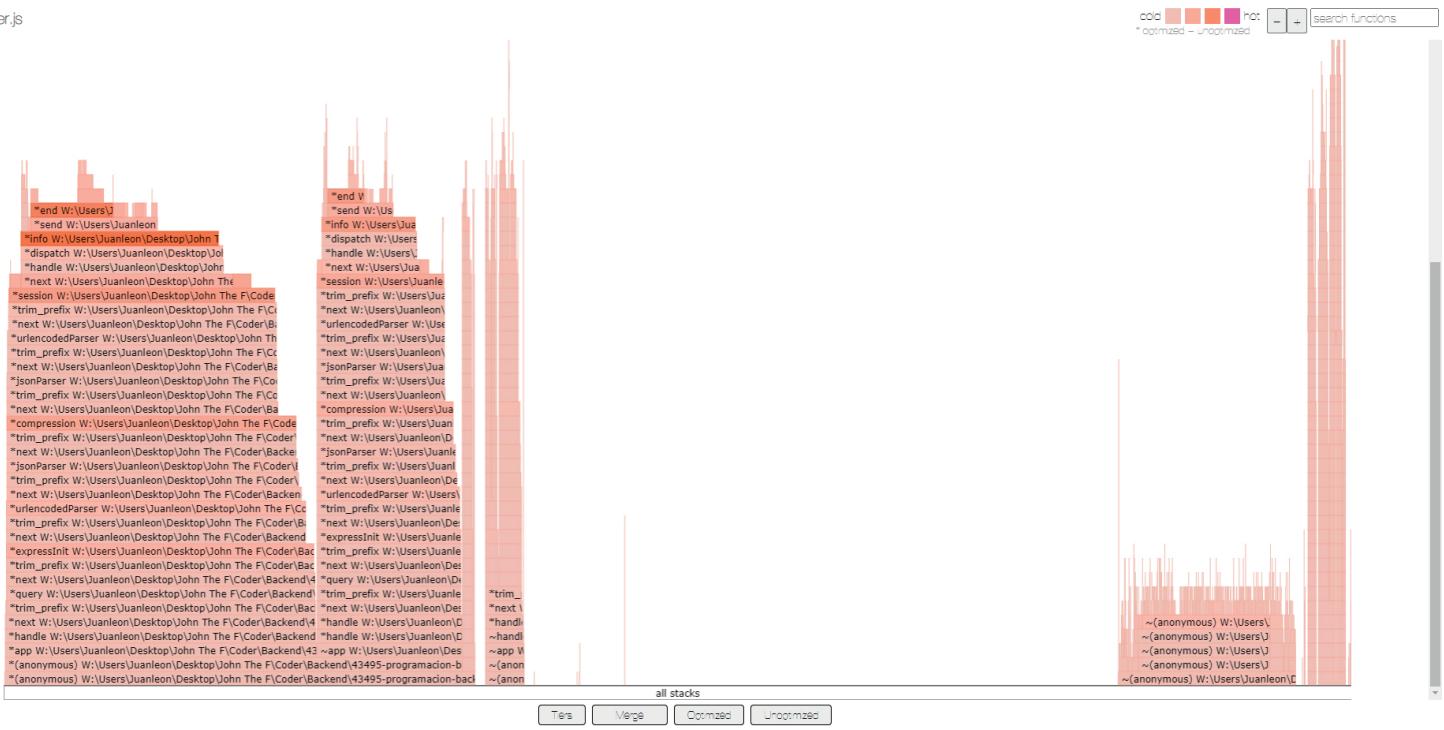
Informe Devtools de Chrome

node server.js



Análisis 0x con console.log

node server.js



Análisis 0x sin console.log