

# 1.Compresión gzip

Sin comprimir

Name	Status	Type	Initiator	Size	Time	Waterfall
info	200	document	Other	1.2 kB	8 ms	

Con compresión

info	304	document	Other	179 B	6 ms	
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## 2. Loggeo con Winston

```
src > JS logger.js > ...
1  const winston = require('winston');
2  const {transports} = require('winston');
3
4  const logger = winston.createLogger({
5    transports:[
6      new transports.Console({level:"info"}),
7      new transports.File({filename:"/src/logs/warn.log", level:"warn"}),
8      new transports.File({filename:"/src/logs/error.log", level:"error"})
9    ]
10 });
11
12 module.exports = {logger};
```

### 3. Perfilamiento –prof procesado

```
JS server.js M JS benchmark.js U result-isolate.txt U X
result-isolate.txt
1 Statistical profiling result from isolate-info.log, (107238 ticks, 3 unaccounted, 0 excluded).
2
3 [Shared Libraries]:
4   ticks total nonlib name
5 104910 97.8% C:\Windows\SYSTEM32\ntdll.dll
6 2152 2.0% C:\Program Files\nodejs\node.exe
7 12 0.0% C:\Windows\System32\USER32.dll
8 1 0.0% C:\Windows\System32\WS2_32.dll
9 1 0.0% C:\Windows\System32\KERNEL32.DLL
10
11 [JavaScript]:
12   ticks total nonlib name
13 39 0.0% 24.1% LazyCompile: *resolve node:path:158:10
14 6 0.0% 3.7% LazyCompile: *parse C:\Users\User\Desktop\Coder House\Backend\entregaWebsockets\node_modules\handlebars\dist\cjs
15 5 0.0% 3.1% LazyCompile: *wrap C:\Users\User\Desktop\Coder House\Backend\entregaWebsockets\node_modules\handlebars\dist\cjs
16 5 0.0% 3.1% LazyCompile: *next C:\Users\User\Desktop\Coder House\Backend\entregaWebsockets\node_modules\handlebars\dist\cjs
17 5 0.0% 3.1% LazyCompile: *SourceNode walk C:\Users\User\Desktop\Coder House\Backend\entregaWebsockets\node_modules\source-map
18 4 0.0% 2.5% LazyCompile: *normalizeString node:path:66:25
19 4 0.0% 2.5% LazyCompile: *Module._nodeModulePaths node:internal/modules/cjs/loader:594:37
20 4 0.0% 2.5% LazyCompile: *<anonymous> C:\Users\User\Desktop\Coder House\Backend\entregaWebsockets\node_modules\source-map
21 3 0.0% 1.9% LazyCompile: *step C:\Users\User\Desktop\Coder House\Backend\entregaWebsockets\node_modules\express-handlebars
22 3 0.0% 1.9% Function: <anonymous> node:internal/fs/utils:360:35
23 2 0.0% 1.2% RegExp: ^(?:[^\x00]*?(\{(?:\w+|[\-\.\w]{1,3})\}))$
24 2 0.0% 1.2% LazyCompile: *readFileSync node:fs:459:22
25 2 0.0% 1.2% LazyCompile: *anonymous C:\Users\User\Desktop\Coder House\Backend\entregaWebsockets\node_modules\handlebars\dis
26 2 0.0% 1.2% LazyCompile: *SourceNode C:\Users\User\Desktop\Coder House\Backend\entregaWebsockets\node_modules\source-map
27 2 0.0% 1.2% LazyCompile: *Program C:\Users\User\Desktop\Coder House\Backend\entregaWebsockets\node_modules\handlebars\dist
28 2 0.0% 1.2% LazyCompile: *Module._findPath node:internal/modules/cjs/loader:595:28
29 2 0.0% 1.2% LazyCompile: *<anonymous> C:\Users\User\Desktop\Coder House\Backend\entregaWebsockets\node_modules\handlebars
30 2 0.0% 1.2% Function: *getEncodingOps node:buffer:684:24
31 2 0.0% 1.2% Function: *accept C:\Users\User\Desktop\Coder House\Backend\entregaWebsockets\node_modules\handlebars\dist\cjs
32 1 0.0% 0.6% RegExp: ^(![$%&'*.^~\|-0-9A-Za-z-]+)+[/#!$%&'*.^~\|-0-9A-Za-z-]+$
33 1 0.0% 0.6% RegExp: ^([!$%&'*.^~\|-0-9A-Za-z-]+)+[/#!$%&'*.^~\|-0-9A-Za-z-]+$
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
PS C:\Users\User\Desktop\Coder House\Backend\entregaWebsockets>
```

## 4. Reporte de Artillery

The image shows a VS Code editor window with a terminal open. The terminal displays the output of a report-artillery.txt file. The output includes phase information, metrics for a period, and a final status message. The terminal also shows the command prompt for powershell.

```
1 Phase started: unnamed (index: 0, duration: 1s) 11:53:20(-0500)
2
3 Phase completed: unnamed (index: 0, duration: 1s) 11:53:21(-0500)
4
5 -----
6 Metrics for period to: 11:53:30(-0500) (width: 1.629s)
7 -----
8
9 http.codes.200: ..... 1000
10 http.request_rate: ..... 618/sec
11 http.requests: ..... 1000
12 http.response_time:
13   min: ..... 2
14   max: ..... 58
15   median: ..... 18
16   p95: ..... 23.8
17   p99: ..... 34.1
18 http.responses: ..... 1000
19 vusers.completed: ..... 20
20 vusers.created: ..... 20
21 vusers.created_by_name.0: ..... 20
22 vusers.failed: ..... 0
23 vusers.session_length:
24   min: ..... 679.8
25   max: ..... 996.6
26   median: ..... 871.5
27   p95: ..... 982.6
28   p99: ..... 982.6
29
30
31 All VUs finished. Total time: 3 seconds
32
33 -----
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

PS C:\Users\User\Desktop\Coder House\Backend\entregalWebsockets>

powershell

## 5. reporte de Autocannon

```
PS C:\Users\User\Desktop\Coder House\Backend\entregalWebsockets> autocannon -c 100 -d 20 http://localhost:8080/info
Running 20s test @ http://localhost:8080/info
100 connections
```

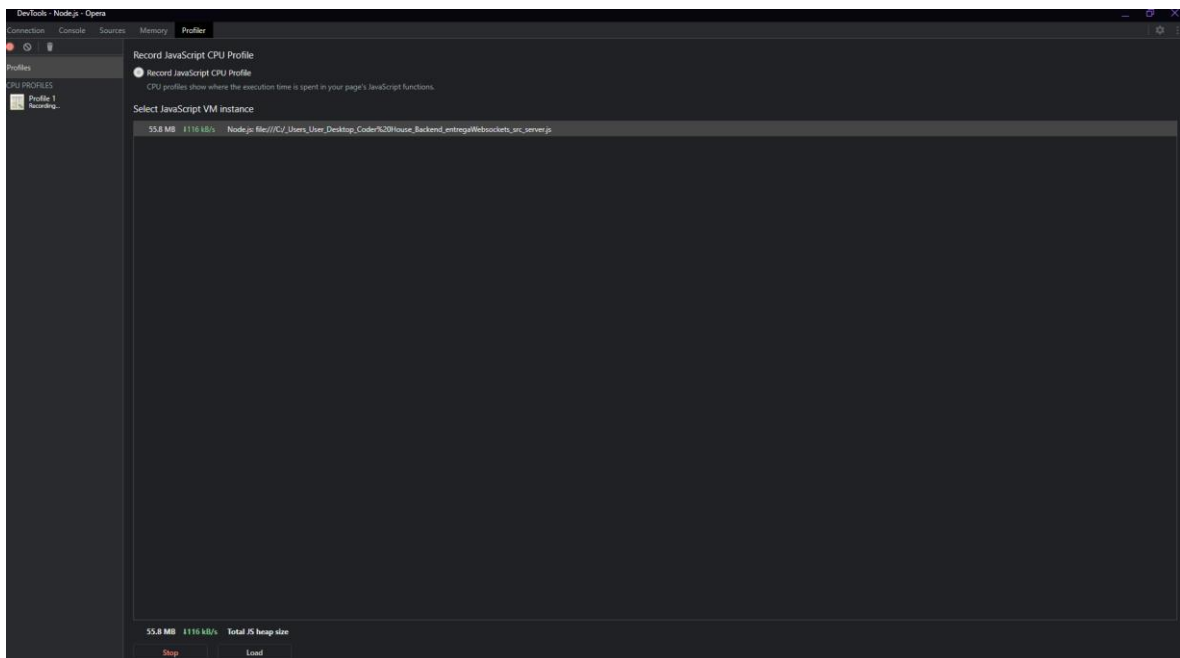
Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	82 ms	90 ms	125 ms	144 ms	94.1 ms	16.64 ms	290 ms

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	600	600	1095	1167	1055.45	124.35	600
Bytes/Sec	726 kB	726 kB	1.32 MB	1.41 MB	1.28 MB	150 kB	725 kB

Req/Bytes counts sampled once per second.  
# of samples: 20

21k requests in 20.04s, 25.5 MB read

## 6.perfilamiento con modo inspector



## 7. diagrama de flama

