

Prueba Autocannon 0x

Sin console.log()

```
Windows PowerShell
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Prueba la nueva tecnología PowerShell multiplataforma https://aka.ms/pscore6
```

```
PS D:\CODER HOUSE\BACKEND\BACKEND-VSC\desafioBackend-9> npm test
```

```
> desafiobackend-9@1.0.0 test
> node benchmark.js
```

```
Running all benchmarks in parallel ...
Running 20s test @ http://localhost:8080/info
100 connections
```

Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	1062 ms	2004 ms	2866 ms	3025 ms	1999.02 ms	373.77 ms	3997 ms

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	8	8	38	88	47.05	28.07	8
Bytes/Sec	4.93 kB	4.93 kB	23.5 kB	54.3 kB	29 kB	17.3 kB	4.93 kB

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

Con console.log()

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

```
1k requests in 20.19s, 580 kB read  
Running 20s test @ http://localhost:8080/info-gzip  
100 connections
```

Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	1814 ms	2008 ms	2858 ms	3006 ms	2102.36 ms	273.28 ms	3859 ms

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	0	0	37	88	44.55	28.63	7
Bytes/Sec	0 B	0 B	22.8 kB	54.3 kB	27.5 kB	17.7 kB	4.32 kB

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

```
991 requests in 20.21s, 549 kB read  
PS D:\CODER HOUSE\BACKEND\BACKEND-VSC\desafioBackend-9> █
```

Prueba node inspect devtools

Sin console.log()

DevTools					
Profiler Consola Fuentes Memoria Adblock Plus					
Árbol (de arriba hacia abajo)					
Perfiles	Tiempo individual		Tiempo total		Función
PERFILES DE CPU	27078.3 ms		27078.3 ms		(idle)
	242.4 ms	4.79 %	242.4 ms	4.79 %	(garbage collector)
Perfil 1Gu	122.4 ms	2.42 %	122.4 ms	2.42 %	(program)
	23.1 ms	0.46 %	2873.1 ms	56.78 %	▶processTicksAndRejections
	13.2 ms	0.26 %	1228.1 ms	24.27 %	▶callbackTrampoline
	10.8 ms	0.21 %	293.0 ms	5.79 %	▶parserOnHeadersComplete
	10.6 ms	0.21 %	237.8 ms	4.70 %	▶(anónimo)
	9.8 ms	0.19 %	29.4 ms	0.58 %	▶parserOnMessageComplete
	6.7 ms	0.13 %	18.1 ms	0.36 %	▶emitHook
	2.7 ms	0.05 %	6.8 ms	0.13 %	▶processTimers
	1.1 ms	0.02 %	1.4 ms	0.03 %	▶emitInitNative
	1.0 ms	0.02 %	1.0 ms	0.02 %	before
	0.9 ms	0.02 %	0.9 ms	0.02 %	processPromiseRejections
	0.6 ms	0.01 %	0.6 ms	0.01 %	afterWriteTick
	0.6 ms	0.01 %	0.6 ms	0.01 %	maybeReadMore_
	0.5 ms	0.01 %	1.0 ms	0.02 %	▶promiseBeforeHook
	0.5 ms	0.01 %	1.2 ms	0.02 %	▶promiseAfterHook
	0.5 ms	0.01 %	0.5 ms	0.01 %	after
	0.2 ms	0.00 %	0.2 ms	0.00 %	resolveOptions
	0.2 ms	0.00 %	0.2 ms	0.00 %	hasHooks
	0.2 ms	0.00 %	0.2 ms	0.00 %	Readable.push
	0.2 ms	0.00 %	0.2 ms	0.00 %	destroy
	0.1 ms	0.00 %	0.1 ms	0.00 %	maybePromise
	0.1 ms	0.00 %	0.1 ms	0.00 %	params
	0.1 ms	0.00 %	0.1 ms	0.00 %	_addHeaderLines
	0.1 ms	0.00 %	0.1 ms	0.00 %	emitAfterScript
	0.1 ms	0.00 %	0.1 ms	0.00 %	emitBeforeScript
	0.1 ms	0.00 %	0.1 ms	0.00 %	shift

[node:internal/p...task_queues:67](#)
[node:internal/async_hooks:118](#)
[node: http_common:72](#)
[MongoStore.ts:302](#)
[node: http_common:135](#)
[node:internal/async_hooks:225](#)
[node:internal/timers:492](#)
[node:internal/async_hooks:192](#)
[node:internal/i... async_hook:28](#)
[node:internal/p...s/promises:220](#)
[node:internal/s...s/writable:485](#)
[node:internal/s...s/readable:621](#)
[node:internal/async_hooks:338](#)
[node:internal/async_hooks:345](#)
[node:internal/i... async_hook:34](#)
[utils.ts:915](#)
[node:internal/async_hooks:470](#)
[node:internal/s...s/readable:233](#)
[node:internal/i... async_hook:40](#)
[utils.ts:447](#)

[node: http_incoming:247](#)
[node:internal/async_hooks:517](#)
[node:internal/async_hooks:509](#)
[node:internal/fixed_queue:108](#)

Con console.log()

DevTools

Profiler

Consola

Fuentes

Memoria

Adblock Plus

Árbol (de arriba hacia abajo)

Perfiles

PERFILES DE CPU

Perfil 1Gu...

Tiempo individual		Tiempo total		Función
27418.0 ms		27418.0 ms		(idle)
194.5 ms	2.86 %	194.5 ms	2.86 %	(garbage collector)
141.7 ms	2.08 %	141.7 ms	2.08 %	(program)
25.2 ms	0.37 %	4160.2 ms	61.14 %	▶processTicksAndRejections
20.7 ms	0.30 %	1720.9 ms	25.29 %	▶callbackTrampoline
12.6 ms	0.19 %	25.3 ms	0.37 %	▶emitHook
10.4 ms	0.15 %	226.3 ms	3.33 %	▶(anónimo)
10.4 ms	0.15 %	296.7 ms	4.36 %	▶parserOnHeadersComplete
9.6 ms	0.14 %	22.8 ms	0.34 %	▶parserOnMessageComplete
0.6 ms	0.01 %	0.6 ms	0.01 %	afterWriteTick
0.5 ms	0.01 %	0.5 ms	0.01 %	after
0.5 ms	0.01 %	0.5 ms	0.01 %	processPromiseRejections
0.4 ms	0.01 %	0.4 ms	0.01 %	destroy
0.2 ms	0.00 %	0.2 ms	0.00 %	hasHooks
0.2 ms	0.00 %	0.2 ms	0.00 %	_addHeaderLines
0.2 ms	0.00 %	0.2 ms	0.00 %	set length
0.2 ms	0.00 %	1.2 ms	0.02 %	▶promiseAfterHook
0.1 ms	0.00 %	0.1 ms	0.00 %	popAsyncContext
0.1 ms	0.00 %	0.1 ms	0.00 %	executionAsyncId
0.1 ms	0.00 %	0.1 ms	0.00 %	before
0.1 ms	0.00 %	2.2 ms	0.03 %	▶promiseBeforeHook
0.1 ms	0.00 %	0.1 ms	0.00 %	shift
0.1 ms	0.00 %	0.1 ms	0.00 %	RegExp: ^text\/ ^application\/(javascript json)
0.1 ms	0.00 %	8.3 ms	0.12 %	▶processTimers
0.0 ms	0.00 %	0.4 ms	0.01 %	▶emitInitNative
0.0 ms	0.00 %	0.1 ms	0.00 %	▶enable

node:internal/p...task queues:67

node:internal/async_hooks:118

node:internal/async_hooks:225

MongoStore.ts:302

node: http common:72

node: http common:135

node:internal/s...s/writable:485

node:internal/i... async hook:34

node:internal/p...s/promises:220

node:internal/i... async hook:40

node:internal/async_hooks:470

node: http incoming:247

node:internal/async_hooks:345

node:internal/async_hooks:553

node:internal/async_hooks:571

node:internal/i... async hook:28

node:internal/async_hooks:338

node:internal/fixed_queue:108

node:internal/timers:492

node:internal/async_hooks:192

node:internal/i... async hook:50

Conclusión:

Carga más rápido la versión sin `console.log()`, las pruebas ayudan a visualizar los procesos del servidor y ayuda a optimizar. En producción al aumentar el stress de las conexiones al servidor, cada milisegundo optimizado vale oro.