

Reporte de rendimiento:
Sin Compression:

| | | | | | | |
|--|--------|--|-----------|--------|--------|-----------|
| <input type="checkbox"/> Show overview | | <input type="checkbox"/> Capture screenshots | | | | |
| Name | Status | Type | Initiator | Size | Time | Waterfall |
| info | 200 | document | Other | 2.5 kB | 159 ms | |

Con Compression:

| | | | | | | |
|--|--------|--|-----------|--------|--------|-----------|
| <input type="checkbox"/> Show overview | | <input type="checkbox"/> Capture screenshots | | | | |
| Name | Status | Type | Initiator | Size | Time | Waterfall |
| info | 200 | document | Other | 1.4 kB | 165 ms | |

artillery_slow.txt

```
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Summary report @ 18:10:43(-0300)
-----

http.codes.200: ..... 1000
http.codes.302: ..... 1000
http.request_rate: ..... 407/sec
http.requests: ..... 2000
http.response_time:
  min: ..... 7
  max: ..... 196
  median: ..... 106.7
  p95: ..... 138.4
  p99: ..... 149.9
http.responses: ..... 2000
vusers.completed: ..... 50
vusers.created: ..... 50
vusers.created_by_name.0: ..... 50
vusers.failed: ..... 0
vusers.session_length:
  min: ..... 3420.8
  max: ..... 4250.7
  median: ..... 4065.2
  p95: ..... 4231.1
  p99: ..... 4231.1
```

artillery_fast:

```
-----  
Summary report @ 18:13:21(-0300)  
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```

```
http.codes.200: ..... 1000  
http.codes.302: ..... 1000  
http.request_rate: ..... 294/sec  
http.requests: ..... 2000  
http.response_time:  
  min: ..... 4  
  max: ..... 155  
  median: ..... 74.4  
  p95: ..... 96.6  
  p99: ..... 106.7  
http.responses: ..... 2000  
vusers.completed: ..... 50  
vusers.created: ..... 50  
vusers.created_by_name.0: ..... 50  
vusers.failed: ..... 0  
vusers.session_length:  
  min: ..... 1916.3  
  max: ..... 2982.5  
  median: ..... 2836.2  
  p95: ..... 2951.9  
  p99: ..... 2951.9
```

Análisis con Benchmark

```
ezequ@NOTEBOOK-EZE-BGLOBAL MINGW64 ~/OneDrive/Escritorio/Curso Backend/desafios/desafio32
(main)
$ npm run test

> desafio-7@1.0.0 test
> node benchmark.js

Corriendo el benchmark...
Running 20s test @ http://localhost:8080/info
100 connections
```

| Stat | 2.5% | 50% | 97.5% | 99% | Avg | Stdev | Max |
|---------|-------|--------|--------|--------|-----------|----------|--------|
| Latency | 68 ms | 107 ms | 212 ms | 238 ms | 113.44 ms | 33.72 ms | 278 ms |

| Stat | 1% | 2.5% | 50% | 97.5% | Avg | Stdev | Min |
|-----------|--------|--------|--------|--------|--------|---------|--------|
| Req/Sec | 603 | 603 | 829 | 1283 | 876.8 | 180.54 | 603 |
| Bytes/Sec | 151 kB | 151 kB | 207 kB | 321 kB | 219 kB | 45.1 kB | 151 kB |

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

0 2xx responses, 17536 non 2xx responses
18k requests in 20.09s, 4.38 MB read

node server.js

cold

optimized

unoptimized

hot

-

+

search functions





Conclusión: Siempre comprimiendo es mejor y eliminando logs mejor aún.