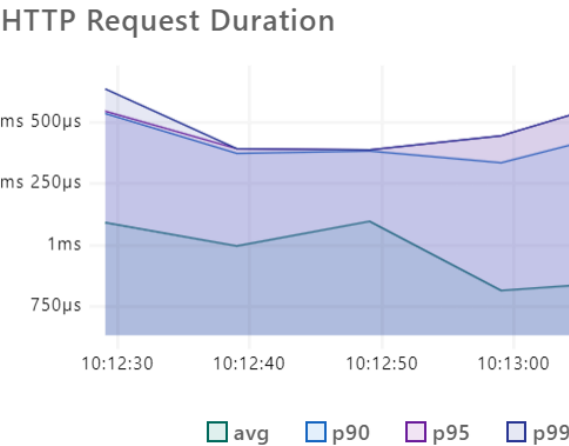
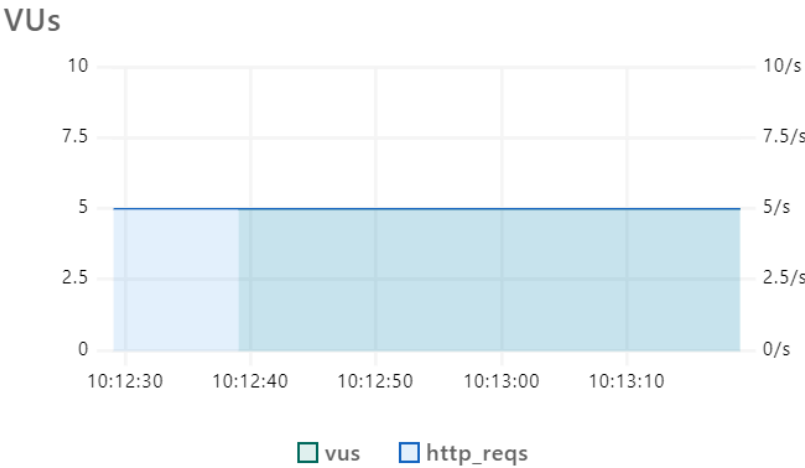


Smoke Test

```
scenarios: (100.00%) 1 scenario, 5 max VUs, 1m30s max duration (incl. graceful stop):
    * default: 5 looping VUs for 1m0s (gracefulStop: 30s)

data_received.....: 326 MB  5.4 MB/s
data_sent.....: 102 MB  1.7 MB/s
http_req_blocked.....: avg=17.61µs min=0s med=0s max=14.89ms p(90)=0s p(95)=0s
http_req_connecting.....: avg=16.19µs min=0s med=0s max=9.03ms p(90)=0s p(95)=0s
✓ http_req_duration.....: avg=207.44µs min=0s med=0s max=14.64ms p(90)=999.3µs p(95)=1ms
  { expected_response:true }...: avg=207.44µs min=0s med=0s max=14.64ms p(90)=999.3µs p(95)=1ms
✓ http_req_failed.....: 0.00% ✓ 0 × 1163949
http_req_receiving.....: avg=41.37µs min=0s med=0s max=14.64ms p(90)=0s p(95)=505.6µs
http_req_sending.....: avg=5.96µs min=0s med=0s max=2.35ms p(90)=0s p(95)=0s
http_req_tls_handshaking.....: avg=0s min=0s med=0s max=0s p(90)=0s p(95)=0s
http_req_waiting.....: avg=160.09µs min=0s med=0s max=7.54ms p(90)=997.1µs p(95)=1ms
http_reqs.....: 1163949 19398.855267/s
iteration_duration.....: avg=251.78µs min=0s med=0s max=16.81ms p(90)=999.8µs p(95)=1ms
iterations.....: 1163949 19398.855267/s
vus.....: 5 min=5 max=5
vus_max.....: 5 min=5 max=5
```



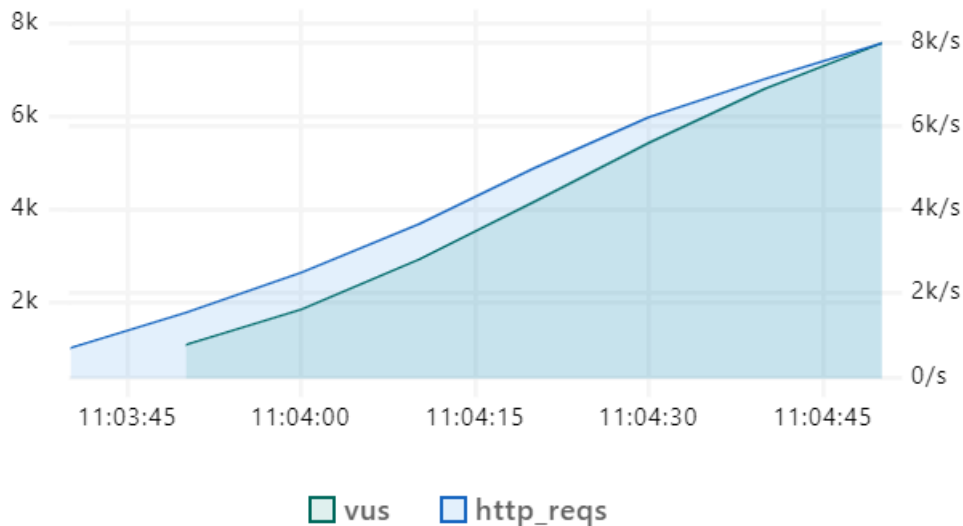
BreakPoint Test

Con ejecutor de rampa

```
data_received.....: 106 MB 1.3 MB/s
data_sent.....: 33 MB 395 kB/s
dropped_iterations.....: 205220 2436.816768/s
http_req_blocked.....: avg=18.74µs min=0s med=0s max=36.92ms p(90)=0s p(95)=0s
http_req_connecting.....: avg=14.88µs min=0s med=0s max=26.16ms p(90)=0s p(95)=0s
http_req_duration.....: avg=1.39ms min=0s med=578.79µs max=71.63ms p(90)=3.03ms p(95)=4.6ms
{ expected_response:true }...: avg=1.41ms min=0s med=621.4µs max=71.63ms p(90)=3.04ms p(95)=4.64ms
X http_req_failed.....: 1.10% ✓ 4227 X 377726
http_req_receiving.....: avg=138.92µs min=0s med=0s max=46.61ms p(90)=0s p(95)=866.93µs
http_req_sending.....: avg=13.82µs min=0s med=0s max=40.53ms p(90)=0s p(95)=0s
http_req_tls_handshaking.....: avg=0s min=0s med=0s max=0s p(90)=0s p(95)=0s
http_req_waiting.....: avg=1.24ms min=0s med=250.5µs max=71.63ms p(90)=3.01ms p(95)=4.21ms
http_reqs.....: 381953 4535.374111/s
iteration_duration.....: avg=1.01s min=1s med=1s max=2.8s p(90)=1.01s p(95)=1.01s
iterations.....: 373105 4430.311472/s
vus.....: 9030 min=73 max=9527
vus_max.....: 10058 min=1000 max=10058

running (01m24.2s), 00000000/00010058 VUs, 373023 complete and 9134 interrupted iterations
breakpoint X [====] 00009113/00010058 VUs 01m24.0s/10m0s 013992.67 iters/s
ERR0[0087] thresholds on metrics 'http_req_failed' were crossed; at least one has abortOnFail enabled, stopping test prematurely
```

VUs

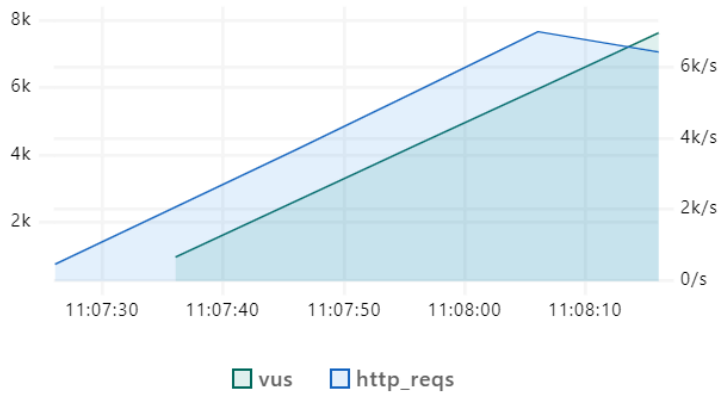


Sin ejecutor

```
data_received.....: 73 MB 1.2 MB/s
data_sent.....: 23 MB 385 kB/s
http_req_blocked.....: avg=38.23µs min=0s med=0s max=36.46ms p(90)=0s p(95)=0s
http_req_connecting.....: avg=31.67µs min=0s med=0s max=11.28ms p(90)=0s p(95)=0s
http_req_duration.....: avg=50.74ms min=0s med=1.27ms max=9.83s p(90)=28.12ms p(95)=644.74ms
{ expected_response:true }...: avg=51.38ms min=0s med=1.32ms max=9.83s p(90)=28.74ms p(95)=655.01ms
X http_req_failed.....: 1.25% ✓ 3301 X 259000
http_req_receiving.....: avg=179.17µs min=0s med=0s max=317.54ms p(90)=187.7µs p(95)=1ms
http_req_sending.....: avg=92.07µs min=0s med=0s max=1.44s p(90)=0s p(95)=0s
http_req_tls_handshaking.....: avg=0s min=0s med=0s max=0s p(90)=0s p(95)=0s
http_req_waiting.....: avg=50.46ms min=0s med=1.04ms max=9.83s p(90)=27.75ms p(95)=644.46ms
http_reqs.....: 262301 4433.042613/s
iteration_duration.....: avg=1.08s min=1s med=1s max=3.78s p(90)=1.12s p(95)=1.72s
iterations.....: 252584 4268.819545/s
vus.....: 9817 min=0 max=9817
vus_max.....: 100000 min=32138 max=100000

running (00m59.2s), 000000/100000 VUs, 252584 complete and 9817 interrupted iterations
default X [==>] 000400/100000 VUs 00m59.1s/10m00.0s
ERR0[0065] thresholds on metrics 'http_req_failed' were crossed; at least one has abortOnFail enabled, stopping test prematurely
```

VUs



Las diferencias son:

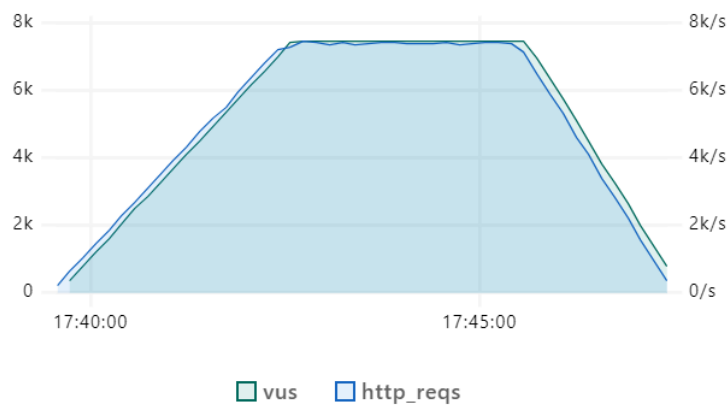
- Se rompe antes sin executor que con executor
- Se ejecutan menos iteraciones sin executor que con executor
- Con executor se ejecutan los VU's linealmente y sin executor se ejecuta los VU's "a la vez" o eso intenta.

Stress Test

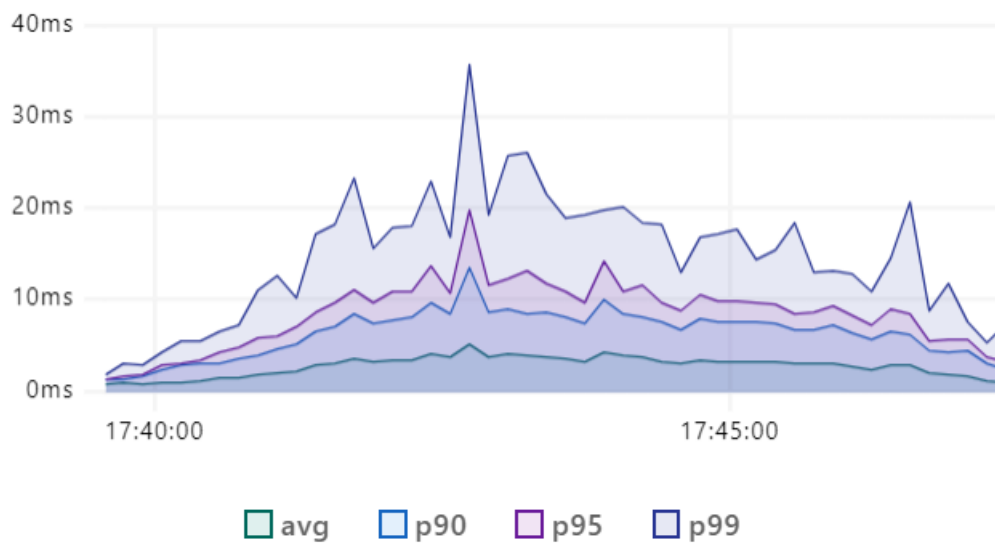
```
data_received.....: 686 MB 1.4 MB/s
data_sent.....: 215 MB 448 kB/s
http_req_blocked.....: avg=35.53µs min=0s med=0s max=101.38ms p(90)=0s p(95)=0s
http_req_connecting.....: avg=29.55µs min=0s med=0s max=47.74ms p(90)=0s p(95)=0s
✓ http_req_duration.....: avg=3.22ms min=0s med=2.19ms max=117.53ms p(90)=7.43ms p(95)=10.12ms
  { expected_response:true }...: avg=3.22ms min=0s med=2.19ms max=117.53ms p(90)=7.43ms p(95)=10.12ms
✓ http_req_failed.....: 0.00% ✓ 0 X 2446696
http_req_receiving.....: avg=487.15µs min=0s med=0s max=111.5ms p(90)=838.5µs p(95)=3.03ms
http_req_sending.....: avg=36.19µs min=0s med=0s max=81.84ms p(90)=0s p(95)=0s
http_req_tls_handshaking.....: avg=0s min=0s med=0s max=0s p(90)=0s p(95)=0s
http_req_waiting.....: avg=2.7ms min=0s med=1.97ms max=62.32ms p(90)=6.24ms p(95)=8.29ms
http_reqs.....: 2446696 5088.105893/s
iteration_duration.....: avg=1s min=1s med=1s max=1.23s p(90)=1.01s p(95)=1.02s
iterations.....: 2446696 5088.105893/s
vus.....: 8 min=8 max=7477
vus_max.....: 7477 min=7477 max=7477

running (8m00.9s), 0000/7477 VUs, 2446696 complete and 0 interrupted iterations
default ✓ [=====] 0000/7477 VUs 8m0s
```

VUs



HTTP Request Duration

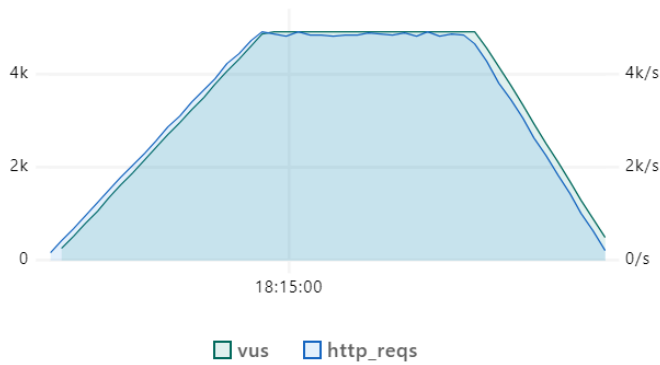


Average Load Test

```
data_received.....: 450 MB  937 kB/s
data_sent.....: 141 MB  294 kB/s
http_req_blocked.....: avg=24.61µs min=0s med=0s max=47.52ms p(90)=0s p(95)=0s
http_req_connecting.....: avg=19.28µs min=0s med=0s max=31.64ms p(90)=0s p(95)=0s
http_req_duration.....: avg=2.36ms min=0s med=1.47ms max=57.21ms p(90)=5.63ms p(95)=7.79ms
  { expected_response:true }...: avg=2.36ms min=0s med=1.47ms max=57.21ms p(90)=5.63ms p(95)=7.79ms
✓ http_req_failed.....: 0.00% ✓ 0 X 1607046
http_req_receiving.....: avg=441.62µs min=0s med=0s max=54.7ms p(90)=1ms p(95)=3ms
http_req_sending.....: avg=26.17µs min=0s med=0s max=44.41ms p(90)=0s p(95)=0s
http_req_tls_handshaking.....: avg=0s min=0s med=0s max=0s p(90)=0s p(95)=0s
http_req_waiting.....: avg=1.89ms min=0s med=1.13ms max=45.52ms p(90)=4.49ms p(95)=6.04ms
http_reqs.....: 1607046 3342.781317/s
iteration_duration.....: avg=1s min=1s med=1s max=1.05s p(90)=1.01s p(95)=1.01s
iterations.....: 1607046 3342.781317/s
vus.....: 26 min=23 max=4908
vus_max.....: 4908 min=4908 max=4908

running (8m00.8s), 0000/4908 VUs, 1607046 complete and 0 interrupted iterations
default ✓ [=====] 0000/4908 VUs  8m0s
```

VUs

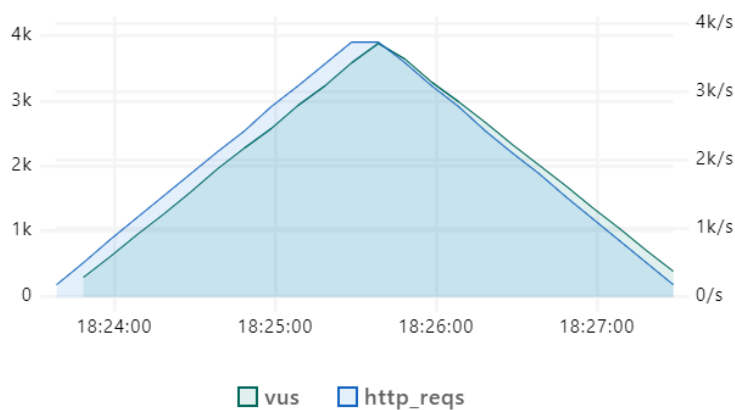


Spike Test

```
data_received.....: 131 MB 546 kB/s
data_sent.....: 41 MB 172 kB/s
http_req_blocked.....: avg=20.87µs min=0s med=0s max=23.04ms p(90)=0s p(95)=0s
http_req_connecting.....: avg=16.2µs min=0s med=0s max=11.71ms p(90)=0s p(95)=0s
http_req_duration.....: avg=1.5ms min=0s med=997.7µs max=41.25ms p(90)=3.55ms p(95)=4.87ms
{ expected_response:true }...: avg=1.5ms min=0s med=997.7µs max=41.25ms p(90)=3.55ms p(95)=4.87ms
✓ http_req_failed.....: 0.00% ✓ 0 X 468954
http_req_receiving.....: avg=292.91µs min=0s med=0s max=30.97ms p(90)=684.2µs p(95)=1.96ms
http_req_sending.....: avg=18.07µs min=0s med=0s max=26.05ms p(90)=0s p(95)=0s
http_req_tls_handshaking.....: avg=0s min=0s med=0s max=0s p(90)=0s p(95)=0s
http_req_waiting.....: avg=1.19ms min=0s med=763.5µs max=38.24ms p(90)=3.01ms p(95)=3.94ms
http_reqs.....: 468954 1949.621824/s
iteration_duration.....: avg=1s min=1s med=1s max=1.04s p(90)=1.01s p(95)=1.01s
iterations.....: 468954 1949.621824/s
vus.....: 19 min=19 max=3922
vus_max.....: 3926 min=3926 max=3926

running (4m00.5s), 0000/3926 VUs, 468954 complete and 0 interrupted iterations
default ✓ [=====] 0000/3926 VUs 4m0s
```

VUs



Tal y como se puede ver, el test ha tenido 0% de fallos con el 40% de los VU's maximos en 2 minutos por lo que el sistema es capaz de gestionarlo