

## Práctica Mantenimiento - Pruebas de Carga

Ordenadores usados: Javier → MacBookPro 2020 IntelCore i5

Sandra: Hp IntelCore i7 10th gen

### Test smoke:

- Foto Sandra: Podemos comprobar que el test se pasa con éxito realizando 295 iteraciones y 0% de fallo. Además, la media de duración de las peticiones es de 14,14ms cumpliendo con la condición de ser inferior a 100ms. Se han usado 5 usuarios virtuales durante un minuto.

```
✓ response code was 200

checks.....: 100.00% ✓ 295      X 0
data_received.....: 84 kB    1.4 kB/s
data_sent.....: 26 kB    430 B/s
http_req_blocked.....: avg=263.72µs min=0s    med=0s    max=15.28ms p(90)=0s p(95)=0s
http_req_connecting.....: avg=19.53µs min=0s    med=0s    max=1.15ms p(90)=0s p(95)=0s
http_req_duration.....: avg=14.14ms min=514.8µs med=6.23ms max=451.08ms p(90)=8.03ms p(95)=9.03ms
  { expected_response:true }...: avg=14.14ms min=514.8µs med=6.23ms max=451.08ms p(90)=8.03ms p(95)=9.03ms
http_req_failed.....: 0.00% ✓ 0      X 295
http_req_receiving.....: avg=1.78ms min=0s    med=1.1ms max=5.54ms p(90)=4.81ms p(95)=5.39ms
http_req_sending.....: avg=21.63µs min=0s    med=0s    max=1.19ms 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=12.34ms min=514.8µs med=4.55ms max=447.13ms p(90)=7.23ms p(95)=8.15ms
http_reqs.....: 295    4.888418/s
iteration_duration.....: avg=1.02s min=1s    med=1.01s max=1.48s p(90)=1.02s p(95)=1.02s
iterations.....: 295    4.888418/s
vus.....: 5    min=5    max=5
vus_max.....: 5    min=5    max=5

running (1m00.3s), 0/5 VUs, 295 complete and 0 interrupted iterations
default ✓ [=====] 5 VUs 1m0s
```

- Foto Javier: Se pasa con éxito el smoke test realizado en el MacBookPro 2020 IntelCore i5. Se han realizado 300 iteraciones pasando con éxito todas ellas con un 0% de http\_req\_failed. Además la media de la duración de cada request es de 3.62ms. Esto es éxito debido a que se tenía como límite 100ms de http\_req\_duration. Se han usado 5 usuarios y una duración de 1 minuto.

```
checks.....: 100.00% ✓ 300      X 0
data_received.....: 86 kB    1.4 kB/s
data_sent.....: 26 kB    438 B/s
http_req_blocked.....: avg=57.43µs min=1µs    med=7µs    max=2.99ms p(90)=10µs p(95)=19.2µs
http_req_connecting.....: avg=6.92µs min=0s    med=0s    max=441µs p(90)=0s p(95)=0s
http_req_duration.....: avg=3.62ms min=935µs med=2.78ms max=39.89ms p(90)=3.72ms p(95)=6.4ms
  { expected_response:true }...: avg=3.62ms min=935µs med=2.78ms max=39.89ms p(90)=3.72ms p(95)=6.4ms
http_req_failed.....: 0.00% ✓ 0      X 300
http_req_receiving.....: avg=243.04µs min=21µs    med=125.5µs max=15.43ms p(90)=344.6µs p(95)=474.35µs
http_req_sending.....: avg=49.48µs min=6µs    med=30µs    max=937µs p(90)=64µs p(95)=93.15µs
http_req_tls_handshaking.....: avg=0s min=0s    med=0s    max=0s p(90)=0s p(95)=0s
http_req_waiting.....: avg=3.32ms min=892µs med=2.54ms max=37.72ms p(90)=3.45ms p(95)=5.45ms
http_reqs.....: 300    4.973493/s
iteration_duration.....: avg=1s min=1s    med=1s    max=1.04s p(90)=1s p(95)=1.01s
iterations.....: 300    4.973493/s
vus.....: 5    min=5    max=5
vus_max.....: 5    min=5    max=5
```

## Práctica Mantenimiento - Pruebas de Carga

Ordenadores usados: Javier → MacBookPro 2020 IntelCore i5

Sandra: Hp IntelCore i7 10th gen

### Test breakpoint con rampa:

- Foto Sandra: en el caso de breakpoint con rampa ha conseguido llegar a 9621 usuarios, obteniendo un 2,11% de fallo de petición llegando al punto de rotura.

```
X response code was 200
↳ 99% - ✓ 54035 / X 1

checks.....: 99.99% ✓ 54035      X 1
data_received.....: 18 MB  410 kB/s
data_sent.....: 5.4 MB  127 kB/s
dropped_iterations.....: 44715  1044.892598/s
http_req_blocked.....: avg=150.21µs min=0s med=0s      max=51.04ms p(90)=507.6µs p(95)=1.03ms
http_req_connecting.....: avg=133.11µs min=0s med=0s      max=50.14ms p(90)=408.9µs p(95)=905.7µs
http_req_duration.....: avg=1.17ms min=0s med=527.29µs max=54.55ms p(90)=2.39ms p(95)=4.1ms
  { expected_response:true }...: avg=1.19ms min=0s med=534.29µs max=54.55ms p(90)=2.44ms p(95)=4.18ms
X http_req_failed.....: 2.11% ✓ 1329      X 61392
http_req_receiving.....: avg=110.28µs min=0s med=0s      max=51.45ms p(90)=364.6µs p(95)=551µs
http_req_sending.....: avg=31.92µs min=0s med=0s      max=35.43ms 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=1.03ms min=0s med=506.1µs max=50.14ms p(90)=2.12ms p(95)=3.69ms
http_reqs.....: 62721  1465.653777/s
iteration_duration.....: avg=1.82s min=1s med=1.57s max=5.49s p(90)=3.18s p(95)=3.6s
iterations.....: 53216  1243.542536/s
vus.....: 9621 min=70 max=9621
vus_max.....: 9621 min=1000 max=9621

running (00m42.8s), 00000000/00009622 VUs, 53200 complete and 9622 interrupted iterations
breakpoint X[=>-----] 00009606/00009622 VUs 00m36.0s/10m0s 005987.13 iters/s
ERRO[0044] thresholds on metrics 'http_req_failed' were crossed; at least one has abortOnFail enabled, stopping test prematurely
PS C:\Users\sandr\OneDrive\Escritorio\UMA\3año\2Cuatri\MantenimientoyPruebas\practica7>
```

- Foto Javier: En la ejecución del breakpoint test con rampa en Mac, se puede ver que se necesitan 12381 usuarios. Esto ha llegado tras recibir un 1,10% de request fallidas cuando el límite era 1%.

```
x response code was 200
↳ 99% - ✓ 205272 / x 342

checks.....: 99.83% ✓ 205272      x 342
data_received.....: 61 MB  716 kB/s
data_sent.....: 19 MB  220 kB/s
http_req_blocked.....: avg=587.07µs min=0s med=3µs      max=3.89s p(90)=22µs p(95)=84µs
http_req_connecting.....: avg=394.41µs min=0s med=0s      max=341.46ms p(90)=0s p(95)=0s
http_req_duration.....: avg=44.31ms min=0s med=2.15ms max=27.73s p(90)=34.28ms p(95)=76.55ms
  { expected_response:true }...: avg=44.81ms min=198µs med=2.2ms max=27.73s p(90)=34.73ms p(95)=77.88ms
X http_req_failed.....: 1.10% ✓ 2385      x 212814
http_req_receiving.....: avg=2.93ms min=0s med=34µs      max=5.29s p(90)=315.2µs p(95)=2.72ms
http_req_sending.....: avg=1.15ms min=0s med=13µs      max=3.92s p(90)=425µs p(95)=1.65ms
http_req_tls_handshaking.....: avg=0s min=0s med=0s      max=0s p(90)=0s p(95)=0s
http_req_waiting.....: avg=40.22ms min=0s med=1.76ms max=27.73s p(90)=27.07ms p(95)=66.59ms
http_reqs.....: 215199  2531.65781/s
iteration_duration.....: avg=1.8s min=1s med=1.37s max=25.57s p(90)=2.31s p(95)=2.88s
iterations.....: 204897  2410.462365/s
vus.....: 12381 min=0 max=12381
vus_max.....: 100000 min=18059 max=100000
```

## Práctica Mantenimiento - Pruebas de Carga

Ordenadores usados: Javier → MacBookPro 2020 IntelCore i5

Sandra: Hp IntelCore i7 10th gen

### Test breakpoint sin rampa:

- Foto Sandra: en este caso ha llegado a 9459 usuarios, con un porcentaje de peticiones fallidas de 1,21%.  
En ambos casos, los usuarios llegados con rampa o sin rampa son muy similares.  
En el caso de la rampa se ha obtenido 162 usuarios más. Además, el porcentaje de peticiones fallidas sin rampa es 1% menor que en el otro caso.

```
X response code was 200
  99% - ✓ 97844 / X 1

checks.....: 99.99% ✓ 97844      X 1
data_received.....: 30 MB 461 kB/s
data_sent.....: 9.3 MB 142 kB/s
http_req_blocked.....: avg=137.59µs min=0s med=0s    max=101.41ms p(90)=0s    p(95)=644.67µs
http_req_connecting.....: avg=108.45µs min=0s med=0s    max=100.9ms p(90)=0s    p(95)=517.4µs
http_req_duration.....: avg=4.11ms min=0s med=625.5µs max=485.75ms p(90)=3ms    p(95)=5.98ms
  { expected_response:true }...: avg=4.17ms min=0s med=638.5µs max=485.75ms p(90)=3.02ms p(95)=6.05ms
X http_req_failed.....: 1.21% ✓ 1303      X 105863
http_req_receiving.....: avg=137.4µs min=0s med=0s    max=94.5ms p(90)=319.79µs p(95)=550.17µs
http_req_sending.....: avg=41.03µs min=0s med=0s    max=56.55ms 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=3.94ms min=0s med=523.7µs max=480.43ms p(90)=2.71ms p(95)=5.51ms
http_reqs.....: 107166 1632.672908/s
iteration_duration.....: avg=2.36s min=1s med=1.6s    max=14.35s p(90)=5.63s p(95)=8.23s
iterations.....: 97672 1488.031915/s
vus.....: 9459 min=0 max=9459
vus_max.....: 100000 min=15734 max=100000

running (01m05.6s), 000000/100000 VUS, 97672 complete and 9594 interrupted iterations
default X [==>] 009281/100000 VUS 00m58.2s/10m00.0s
ERROR[0073] thresholds on metrics 'http_req_failed' were crossed; at least one has abortOnFail enabled, stopping test prematurely
PS C:\Users\sandr\OneDrive\Escritorio\UMA\3año\2Cuatri\Mantenimiento\Pruebas\practica7>
```

- Foto Javier: Tras la ejecución del breakpoint test sin rampa en el Mac, podemos ver que se han necesitado 11547 usuarios tras haber realizado un 1,53% de request fallidas. La diferencia de tener o no una ejecución con rampa son de 834 usuarios necesitados.

```
x response code was 200
  99% - ✓ 155013 / x 1267

checks.....: 99.18% ✓ 155013      x 1267
data_received.....: 47 MB 635 kB/s
data_sent.....: 14 MB 196 kB/s
http_req_blocked.....: avg=8.2ms min=0s med=4µs    max=16.84s p(90)=40µs    p(95)=327µs
http_req_connecting.....: avg=8.1ms min=0s med=0s    max=16.83s p(90)=0s    p(95)=189µs
http_req_duration.....: avg=53.88ms min=0s med=5.95ms max=21.92s p(90)=108.75ms p(95)=259.59ms
  { expected_response:true }...: avg=54.72ms min=219µs med=6.25ms max=21.92s p(90)=110.95ms p(95)=262.99ms
X http_req_failed.....: 1.53% ✓ 2533      x 162297
http_req_receiving.....: avg=1.24ms min=0s med=39µs    max=570.37ms p(90)=396µs    p(95)=4.65ms
http_req_sending.....: avg=1.91ms min=0s med=21µs    max=597.7ms p(90)=1.46ms    p(95)=7.77ms
http_req_tls_handshaking.....: avg=0s min=0s med=0s    max=0s p(90)=0s    p(95)=0s
http_req_waiting.....: avg=50.73ms min=0s med=4.6ms    max=21.92s p(90)=101.63ms p(95)=254.82ms
http_reqs.....: 164830 2253.719574/s
iteration_duration.....: avg=2.44s min=1s med=2.48s    max=19.52s p(90)=4.19s    p(95)=4.44s
iterations.....: 155380 2124.509782/s
vus.....: 11547 min=0 max=11547
vus_max.....: 100000 min=19521 max=100000
```

## Práctica Mantenimiento - Pruebas de Carga

Ordenadores usados: Javier → MacBookPro 2020 IntelCore i5

Sandra: Hp IntelCore i7 10th gen

### Test stress:

- Foto Sandra: En este caso, el 80% de usuarios virtuales es de 7567. Observamos que el test ha pasado con éxito ya que ha conseguido pasar con 0% de peticiones fallidas y con una media de duración de petición menor a 1000ms, en este caso de 1,84ms.

```
✓ response code was 200

checks.....: 100.00% ✓ 611067      X 0
data_received.....: 175 MB 364 kB/s
data_sent.....: 54 MB 112 kB/s
http_req_blocked.....: avg=48.56µs min=0s med=0s max=111.48ms p(90)=0s p(95)=0s
http_req_connecting.....: avg=37.21µs min=0s med=0s max=94.84ms p(90)=0s p(95)=0s
http_req_duration.....: avg=1.84ms min=0s med=1.05ms max=252.24ms p(90)=3.32ms p(95)=5.46ms
  { expected_response:true }...: avg=1.84ms min=0s med=1.05ms max=252.24ms p(90)=3.32ms p(95)=5.46ms
http_req_failed.....: 0.00% ✓ 0      X 611067
http_req_receiving.....: avg=162.79µs min=0s med=0s max=140.99ms p(90)=530µs p(95)=679.5µs
http_req_sending.....: avg=40.19µs min=0s med=0s max=143.07ms 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=1.64ms min=0s med=743µs max=246.68ms p(90)=3.01ms p(95)=5.05ms
http_reqs.....: 611067 1270.873052/s
iteration_duration.....: avg=4.09s min=1s med=3.38s max=13.61s p(90)=7.36s p(95)=7.66s
iterations.....: 611067 1270.873052/s
vus.....: 16 min=16 max=7567
vus_max.....: 7567 min=7567 max=7567

running (8m00.8s), 0000/7567 VUs, 611067 complete and 0 interrupted iterations
default ✓ [=====] 0000/7567 VUs 8m0s
```

- Foto Javier: Como se pide un 80% de los usuarios obtenidos en el breakpoint test sin rampa, para este test utilizaremos 9237 usuarios. Como podemos observar, vemos que la ejecución cumple con éxito y no se ha abortado ya que los requisitos eran tener un tiempo de duración de request promedio menor a 1000 ms y menos de un 1% de request fallidas. En este caso obtenemos de tiempo medio 39,81 ms y un 0,75% de request fallidas.

```
checks.....: 99.24% ✓ 2085240      X 15872
data_received.....: 597 MB 1.2 MB/s
data_sent.....: 184 MB 383 kB/s
http_req_blocked.....: avg=32.96ms min=0s med=3µs max=30.26s p(90)=5µs p(95)=11µs
http_req_connecting.....: avg=32.93ms min=0s med=0s max=30.26s p(90)=0s p(95)=0s
http_req_duration.....: avg=39.53ms min=0s med=5.45ms max=5.9s p(90)=85.57ms p(95)=143.28ms
  { expected_response:true }...: avg=39.81ms min=179µs med=5.52ms max=5.9s p(90)=86.14ms p(95)=143.96ms
http_req_failed.....: 0.75% ✓ 15872      X 2085240
http_req_receiving.....: avg=1.49ms min=0s med=26µs max=1.49s p(90)=1.28ms p(95)=10.59ms
http_req_sending.....: avg=714.81µs min=0s med=10µs max=1.54s p(90)=294µs p(95)=1.2ms
http_req_tls_handshaking.....: avg=0s min=0s med=0s max=0s p(90)=0s p(95)=0s
http_req_waiting.....: avg=37.32ms min=0s med=4.83ms max=5.89s p(90)=80.61ms p(95)=137.54ms
http_reqs.....: 2101112 4376.802201/s
iteration_duration.....: avg=1.45s min=1s med=1.19s max=39.78s p(90)=1.77s p(95)=2.06s
iterations.....: 2101112 4376.802201/s
vus.....: 79 min=17 max=9237
vus_max.....: 9237 min=9237 max=9237
```

## Práctica Mantenimiento - Pruebas de Carga

Ordenadores usados: Javier → MacBookPro 2020 IntelCore i5

Sandra: Hp IntelCore i7 10th gen

### Test average load:

- Foto Sandra: He utilizado el 50% de usuarios virtuales de 9459, lo cual corresponde a 4729 usuarios. En este caso, el test pasa con éxito con un 0% de peticiones fallidas (cumpliéndose el requisito de porcentaje de peticiones fallidas) y una media de duración de petición de 1,34ms.

```
✓ response code was 200

checks.....: 100.00% ✓ 1023822    ✗ 0
data_received.....: 293 MB   610 kB/s
data_sent.....: 90 MB   188 kB/s
http_req_blocked.....: avg=25.55µs min=0s med=0s max=160.02ms p(90)=0s p(95)=0s
http_req_connecting.....: avg=18.7µs min=0s med=0s max=160.02ms p(90)=0s p(95)=0s
http_req_duration.....: avg=1.34ms min=0s med=582.4µs max=207.12ms p(90)=2.56ms p(95)=4.11ms
  { expected_response:true }...: avg=1.34ms min=0s med=582.4µs max=207.12ms p(90)=2.56ms p(95)=4.11ms
✓ http_req_failed.....: 0.00% ✓ 0    ✗ 1023822
http_req_receiving.....: avg=95.95µs min=0s med=0s max=80.95ms p(90)=96.99µs p(95)=520.8µs
http_req_sending.....: avg=28.58µs min=0s med=0s max=89.26ms 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=1.22ms min=0s med=516.5µs max=174.04ms p(90)=2.38ms p(95)=3.85ms
http_reqs.....: 1023822 2130,242172/s
iteration_duration.....: avg=1.52s min=1s med=1.56s max=5.9s p(90)=1.95s p(95)=2.12s
iterations.....: 1023822 2130,242172/s
vus.....: 33 min=17 max=4729
vus_max.....: 4729 min=4729 max=4729

running (8m00.6s), 0000/4729 VUs, 1023822 complete and 0 interrupted iterations
default ✓ [=====] 0000/4729 VUs 8m0s
PS C:\Users\sandr\OneDrive\Escritorio\UMA\3año\2Cuatri\MantenimientoyPruebas\practica7> |
```

- Foto Javier: Como se pide un 50% de los usuarios obtenidos en el breakpoint test sin rampa, para este test utilizaremos 5774 usuarios. Como podemos observar, vemos que la ejecución cumple con éxito y no se ha abortado ya que el único requisito que tenía este test era que las peticiones fallidas fueran menor del 1% y como podemos ver en el resultado, es de un 0,17%.

```
checks.....: 99.82% ✓ 1322689    ✗ 2372
data_received.....: 379 MB   614 kB/s
data_sent.....: 117 MB   189 kB/s
http_req_blocked.....: avg=575.85µs min=0s med=3µs max=1.3s p(90)=6µs p(95)=11µs
http_req_connecting.....: avg=563.77µs min=0s med=0s max=1.3s p(90)=0s p(95)=0s
http_req_duration.....: avg=17.11ms min=0s med=1.41ms max=16.09s p(90)=8.83ms p(95)=17.62ms
  { expected_response:true }...: avg=16.84ms min=163µs med=1.41ms max=16.09s p(90)=8.71ms p(95)=17.1ms
✓ http_req_failed.....: 0.17% ✓ 2372    ✗ 1322689
http_req_receiving.....: avg=192.38µs min=0s med=30µs max=15.83s p(90)=119µs p(95)=245µs
http_req_sending.....: avg=305.37µs min=0s med=12µs max=15.83s p(90)=209µs p(95)=590µs
http_req_tls_handshaking.....: avg=0s min=0s med=0s max=0s p(90)=0s p(95)=0s
http_req_waiting.....: avg=16.61ms min=0s med=1.22ms max=15.92s p(90)=8.12ms p(95)=16.45ms
http_reqs.....: 1325061 2148,899921/s
iteration_duration.....: avg=1.17s min=1s med=1.01s max=33.36s p(90)=1.14s p(95)=1.28s
iterations.....: 1325061 2148,899921/s
vus.....: 4 min=4 max=4729
vus_max.....: 4729 min=4729 max=4729
```

## Práctica Mantenimiento - Pruebas de Carga

Ordenadores usados: Javier → MacBookPro 2020 IntelCore i5

Sandra: Hp IntelCore i7 10th gen

### Test spike:

- Foto Sandra: En este caso, el 40% de usuarios virtuales es 3783. Vemos que ha conseguido pasar el test con un 0% de peticiones falladas cumpliendo con el requisito. Además, observamos que la duración media de las peticiones es de 1,06ms.

```
✓ response code was 200

checks.....: 100.00% ✓ 313888      X 0
data_received.....: 90 MB   496 kB/s
data_sent.....: 28 MB   153 kB/s
http_req_blocked.....: avg=25.96µs  min=0s  med=0s      max=45.79ms p(90)=0s  p(95)=0s
http_req_connecting.....: avg=18.81µs  min=0s  med=0s      max=45.79ms p(90)=0s  p(95)=0s
http_req_duration.....: avg=1.06ms   min=0s  med=585.2µs max=53.13ms p(90)=2.3ms p(95)=3.51ms
  { expected_response:true }...: avg=1.06ms   min=0s  med=585.2µs max=53.13ms p(90)=2.3ms p(95)=3.51ms
✓ http_req_failed.....: 0.00% ✓ 0      X 313888
http_req_receiving.....: avg=88.86µs  min=0s  med=0s      max=32.47ms p(90)=0s  p(95)=613.96µs
http_req_sending.....: avg=31.55µs  min=0s  med=0s      max=38.94ms 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=942.82µs min=0s  med=509.6µs max=46.17ms p(90)=2.05ms p(95)=3.22ms
http_reqs.....: 313888  1734.956848/s
iteration_duration.....: avg=1.09s    min=1s  med=1.03s   max=2.55s   p(90)=1.24s p(95)=1.39s
iterations.....: 313888  1734.956848/s
vus.....: 1      min=1      max=3776
vus_max.....: 3783  min=3783   max=3783

running (3m00.9s), 0000/3783 VUs, 313888 complete and 0 interrupted iterations
default ✓ [=====] 0000/3783 VUs  3m0s
PS C:\Users\sandr\OneDrive\Escritorio\UMA\3año\2Cuatri\Mantenimiento\Pruebas\practica7> |
```

- Foto Javier: Como se pide un 40% de los usuarios obtenidos en el breakpoint test sin rampa, para este test utilizaremos 4619 usuarios. Como podemos observar, vemos que la ejecución cumple con éxito y no se ha abortado ya como único requisito era que el número de peticiones falladas fueran menor al 0,5%, en este caso no hay peticiones falladas.

```
checks.....: 100.00% ✓ 337354      X 0
data_received.....: 97 MB   534 kB/s
data_sent.....: 30 MB   164 kB/s
http_req_blocked.....: avg=20.63µs  min=1µs  med=3µs     max=102.32ms p(90)=7µs  p(95)=13µs
http_req_connecting.....: avg=12.78µs  min=0s   med=0s     max=84.24ms  p(90)=0s  p(95)=0s
http_req_duration.....: avg=2.58ms   min=177µs med=1.08ms  max=149.82ms p(90)=6.1ms p(95)=9.54ms
  { expected_response:true }...: avg=2.58ms   min=177µs med=1.08ms  max=149.82ms p(90)=6.1ms p(95)=9.54ms
✓ http_req_failed.....: 0.00% ✓ 0      X 337354
http_req_receiving.....: avg=94.5µs   min=10µs med=35µs    max=101.79ms p(90)=107µs p(95)=187µs
http_req_sending.....: avg=101.84µs min=4µs   med=14µs    max=108.22ms p(90)=119µs p(95)=324µs
http_req_tls_handshaking.....: avg=0s       min=0s   med=0s     max=0s      p(90)=0s  p(95)=0s
http_req_waiting.....: avg=2.38ms   min=147µs med=952µs   max=101.84ms p(90)=5.74ms p(95)=9.04ms
http_reqs.....: 337354  1864.633038/s
iteration_duration.....: avg=1.01s    min=1s   med=1s     max=1.44s    p(90)=1.03s p(95)=1.05s
iterations.....: 337354  1864.633038/s
vus.....: 1      min=1      max=3774
vus_max.....: 3783  min=3783   max=3783
```