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    { duration: '30s', target: 20}, // simulate ramp-up of
traffic from 1 to 20 users over 30 Seconds
    { duration: '1m30s', target: 10}, // ramp-down to 10 users
over 1 minute 30 Seconds
    { duration: '20s', target: 0}, // ramp-down to 0 users

```

execution: local

script: Scenario1.js

output: -

scenarios: (100.00%) 1 scenario, 20 max VUs, 2m50s max duration (incl. graceful stop):

\* default: Up to 20 looping VUs for 2m20s over 3 stages (gracefulRampDown: 30s, gracefulStop: 30s)

running (2m21.2s), 00/20 VUs, 1407 complete and 0 interrupted iterations

default ✓ [=====] 00/20 VUs 2m20s

✓ status was 200

checks.....: 100.00% ✓ 1407 ✗ 0

data\_received.....: 16 MB 110 kB/s

data\_sent.....: 110 kB 782 B/s

http\_req\_blocked.....: avg=1.3ms min=0s med=1µs max=249.76ms p(90)=3µs p(95)=3µs

http\_req\_connecting.....: avg=518.53µs min=0s med=0s max=65ms p(90)=0s p(95)=0s

✓ http\_req\_duration.....: avg=287.04ms min=240.89ms med=266.5ms max=1.89s p(90)=298.11ms p(95)=351.78ms

{ expected\_response:true }...: avg=287.04ms min=240.89ms med=266.5ms max=1.89s p(90)=298.11ms p(95)=351.78ms

http\_req\_failed.....: 0.00% ✓ 0 ✗ 1407

http\_req\_receiving.....: avg=5.85ms min=36µs med=486µs max=1.54s p(90)=3.41ms p(95)=6.25ms

http\_req\_sending.....: avg=541.51µs min=14µs med=216µs max=39.36ms p(90)=1.2ms p(95)=2.01ms

http\_req\_tls\_handshaking.....: avg=648.2µs min=0s med=0s max=82.72ms p(90)=0s p(95)=0s

http\_req\_waiting.....: avg=280.64ms min=220.05ms med=264.56ms max=1.38s p(90)=292.45ms p(95)=330.04ms

http\_reqs.....: 1407 9.966683/s

iteration\_duration.....: avg=1.29s min=1.24s med=1.26s max=2.89s p(90)=1.3s p(95)=1.37s

iterations.....: 1407 9.966683/s

vus.....: 1 min=1 max=20

vus\_max.....: 20 min=20 max=20

```

{ duration: '5m', target: 60 }, // simulate ramp-up of traffic
from 1 to 60 users over 5 minutes.
  { duration: '10m', target: 60 }, // stay at 60 users for 10
minutes
    { duration: '3m', target: 100 }, // ramp-up to 100 users over
3 minutes (peak hour starts)
      { duration: '2m', target: 100 }, // stay at 100 users for
short amount of time (peak hour)
        { duration: '3m', target: 60 }, // ramp-down to 60 users over
3 minutes (peak hour ends)
          { duration: '10m', target: 60 }, // continue at 60 for
additional 10 minutes
            { duration: '5m', target: 0 }, // ramp-down to 0 users

```

execution: local

script: Scenario2.js

output: -

scenarios: (100.00%) 1 scenario, 100 max VUs, 38m30s max duration (incl. graceful stop):  
 \* default: Up to 100 looping VUs for 38m0s over 7 stages (gracefulRampDown: 30s, gracefulStop: 30s)

running (38m00.6s), 000/100 VUs, 94749 complete and 0 interrupted iterations

default ✓ [=====] 000/100 VUs 38m0s

✗ status was 200

↳ 99% — ✓ 94739 / ✗ 10

checks.....	99.98% ✓ 94739	✗ 10			
data_received.....	1.0 GB 457 kB/s				
data_sent.....	6.8 MB 3.0 kB/s				
http_req_blocked.....	avg=142.63µs min=0s	med=1µs	max=2.37s	p(90)=2µs	p(95)=2µs
http_req_connecting.....	avg=86.28µs min=0s	med=0s	max=2.12s	p(90)=0s	p(95)=0s

x http\_req\_duration.....: avg=381.29ms min=237.52ms med=271.23ms max=1m0s  
p(90)=444.06ms p(95)=749.4ms  
{ expected\_response:true }...: avg=375ms min=237.52ms med=271.22ms max=26.78s  
p(90)=443.83ms p(95)=748.65ms  
http\_req\_failed.....: 0.01% ✓ 10 x 94739  
http\_req\_receiving.....: avg=5.86ms min=0s med=321µs max=5.35s  
p(90)=2.32ms p(95)=5.26ms  
http\_req\_sending.....: avg=284.92µs min=8µs med=123µs max=40.33ms  
p(90)=572µs p(95)=969µs  
http\_req\_tls\_handshaking.....: avg=51.2µs min=0s med=0s max=282.39ms  
p(90)=0s p(95)=0s  
http\_req\_waiting.....: avg=375.14ms min=232.81ms med=269.75ms max=1m0s  
p(90)=429.47ms p(95)=701.08ms  
http\_reqs.....: 94749 41.545461/s  
iteration\_duration.....: avg=1.38s min=1.23s med=1.27s max=1m1s p(90)=1.44s  
p(95)=1.75s  
iterations.....: 94749 41.545461/s  
vus.....: 1 min=1 max=100  
vus\_max.....: 100 min=100 max=100