

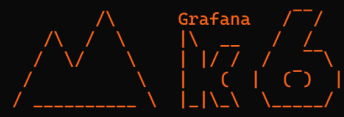
Objective

System can handle 10 registrations in a second

```
stages: [  
  { duration: '1s', target: 10 }, // ramp up 10 users in 1 s  
],
```

Result

```
C:\Users\alifi\Downloads\FLASK Performance Test>k6 run load_test_register.js
```



```
execution: local  
script: load_test_register.js  
output: -  
  
scenarios: (100.00%) 1 scenario, 10 max VUs, 31s max duration (incl. graceful stop):  
  * default: Up to 10 looping VUs for 1s over 1 stages (gracefulRampDown: 30s, gracefulStop: 30s)  
  
✓ register status 200  
  
checks.....: 100.00% 829 out of 829  
data_received.....: 162 kB 159 kB/s  
data_sent.....: 232 kB 228 kB/s  
http_req_blocked.....: avg=229.89µs min=0s med=0s max=6.51ms p(90)=515.52µs p(95)=529.52µs  
http_req_connecting.....: avg=193.89µs min=0s med=0s max=1.51ms p(90)=513.1µs p(95)=519µs  
✓ http_req_duration.....: avg=5.78ms min=504.49µs med=5.35ms max=74.07ms p(90)=8.79ms p(95)=9.52ms  
  { expected_response:true }...: avg=5.78ms min=504.49µs med=5.35ms max=74.07ms p(90)=8.79ms p(95)=9.52ms  
http_req_failed.....: 0.00% 0 out of 829  
http_req_receiving.....: avg=367.16µs min=0s med=327.7µs max=1.81ms p(90)=843.04µs p(95)=972.21µs  
http_req_sending.....: avg=17.35µs min=0s med=0s max=532.29µs 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=5.4ms min=502.7µs med=4.99ms max=73.05ms p(90)=8.45ms p(95)=9.08ms  
http_reqs.....: 829 814.841237/s  
iteration_duration.....: avg=6.08ms min=504.49µs med=5.7ms max=74.07ms p(90)=9.19ms p(95)=9.82ms  
iterations.....: 829 814.841237/s  
vus.....: 9 min=9 max=9  
vus_max.....: 10 min=10 max=10  
  
running (01.0s), 00/10 VUs, 829 complete and 0 interrupted iterations  
default ✓ [=====] 00/10 VUs 1s
```

```
C:\Users\alifi\Downloads\FLASK Performance Test>
```

Passed