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Executive Summary Report

Automated load test report and summary for test PUT USER in organization leandroabreusa@gmail.com



EXECUTIVE SUMMARY - PUT USER

✓ PASS


Status: **PASS**
 Created: 19 Jan 2023 at 23:17
 Started by: leandroabreusa@gmail.com
 VUs: 20 VUs
 Duration: 1 min 30 sec
 Load zones:
 19 reqs/s



Max Throughput



HTTP Failures



Avg Response Time



95% Response Time

SUMMARY

This report summarizes a test run of the test "PUT USER". It was performed on January 19, 2023 and is considered to be successful.

The test was configured to run up to **20 VUs** for 1 minutes 30 seconds. A total of **1118 requests** were made with a max throughput of **19 reqs/s**. The sections below give a more detailed breakdown.

PERFORMANCE OVERVIEW

The average response time of the system being tested was **820 ms** and **1118 requests** were made at an average request rate of **19 requests per second**.



TEST OVERVIEW

CHECKS

The test had **1** different checks that were evaluated a total of **1118** times, none of which failed.

| CHECK NAME | SUCCESS RATE | SUCCESS COUNT | FAIL COUNT |
|---------------|--------------|---------------|------------|
| status is 200 | 100% | 1118 | 0 |

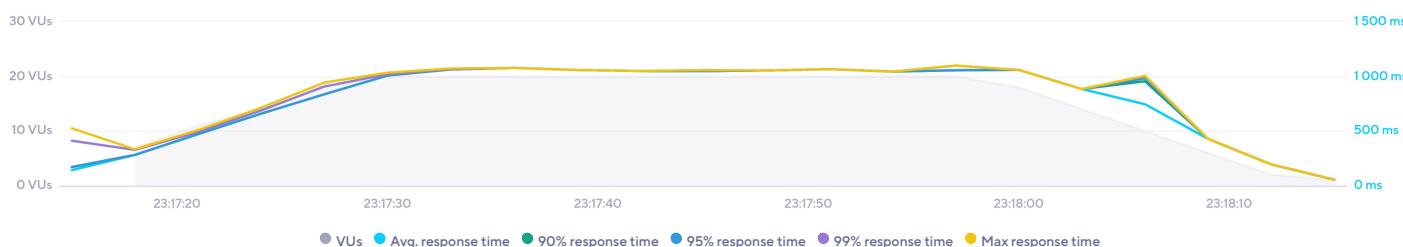
THRESHOLDS

The run met all of its performance expectations, with none of the defined thresholds having been exceeded.

| THRESHOLD NAME | CONDITION | VALUE |
|---------------------------------|------------|--------|
| ✓ http_req_duration: p(95)<2000 | p(95)<2000 | p(95)= |
| ✓ http_req_failed: rate<0.02 | rate<0.02 | rate= |

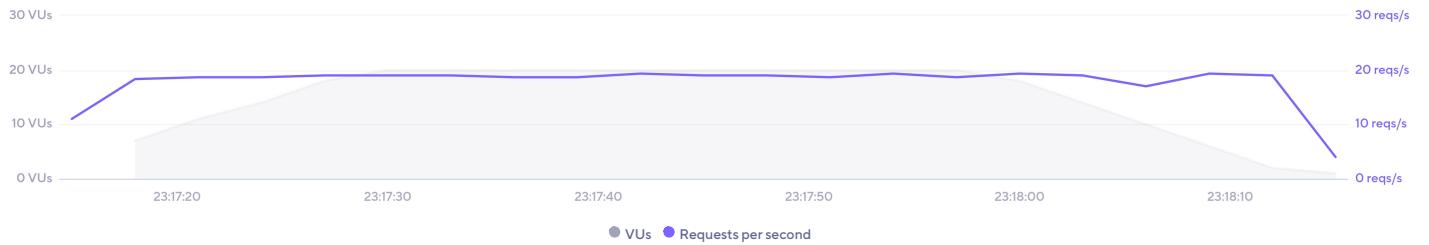
RESPONSE TIME

The maximum response time was **1098 ms** at **20 VUs**. The average response time at the same point in time was **1057 ms**, with 95% of requests taking less than **1055 ms**.



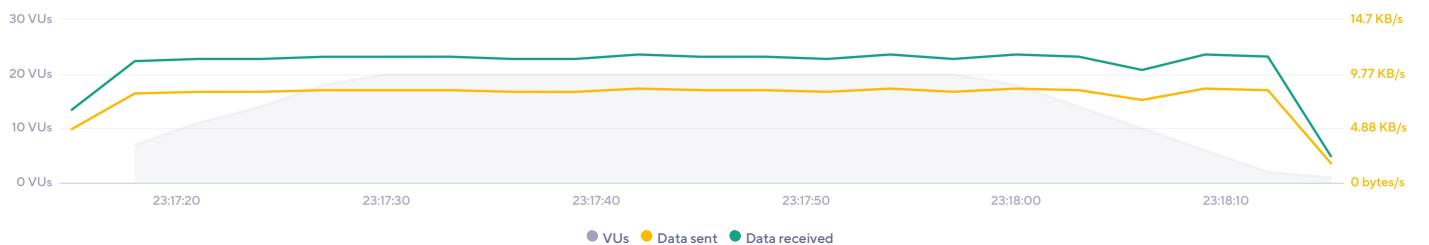
THROUGHPUT

The test had an overall average request rate of **19 reqs/s** peaking at **19 reqs/s** while running **20 VUs**.



BANDWIDTH

The amount of data sent peaked at **20 VUs**, sending **8.46 KB/s** of data. Data received had its peak at **20 VUs** with **11.5 KB/s** being received.



VOCABULARY



VUs

A Virtual User is a simulation of a real user making requests to the system. Multiple VUs are executed concurrently to simulate traffic to the website or API.



Throughput

The amount of transactions the system under test can process, showing the capacity of the website or application.



Checks

A check is an assertion that the system under test behaves correctly, e.g. that it returns the correct status code. They do not halt the execution of the test, but acts as a pass/fail metric.



Response Time

The time from sending the request, processing it on the server side, to the time the client received the first byte.



Latency

The time that data sent or received spends on the wire, i.e. from the start of data being transmitted until all the data has been sent.



Thresholds

Thresholds are a pass/fail criteria used to specify the performance expectations of the system under test.



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For more than 20 years, we have consulted businesses about load testing. We have spent the past 12 years developing state-of-the-art load and performance testing tools. 6,000+ customers – including Grafana, Microsoft, Carvana, and Olo – run millions of k6 tests every month. For more information, visit <https://k6.io>.