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Executive Summary Report

Automated load test report and summary for test Http req per letter test (19/04/2023-21:54:12) in organization
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EXECUTIVE SUMMARY Http req per letter test (19/04/2023-21:54:12)

✓ PASS


Status: **PASS**
 Created: 19 Apr 2023 at 19:29
 Started by: mkhavari0120@gmail.com
 VUs: 50 VUs
 Duration: 1 min 30 sec
 Load zones: 🇺🇸



Max Throughput
111 reqs/s



HTTP Failures
4 reqs



Avg Response Time
388 ms



95% Response Time
611 ms

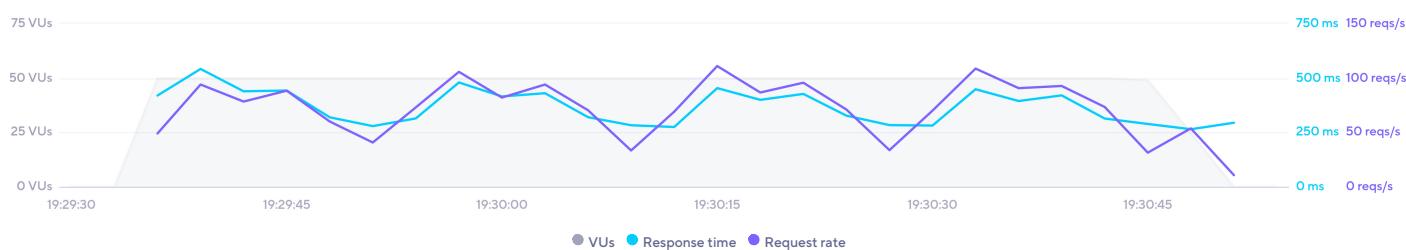
SUMMARY

This report summarizes a test run of the test "Http req per letter test (19/04/2023-21:54:12)". It was performed on April 19, 2023 and is considered to be successful.

The test was configured to run up to **50 VUs** for 1 minutes 30 seconds. A total of **5 600 requests** were made with a max throughput of **111 reqs/s**. The sections below give a more detailed breakdown.

PERFORMANCE OVERVIEW

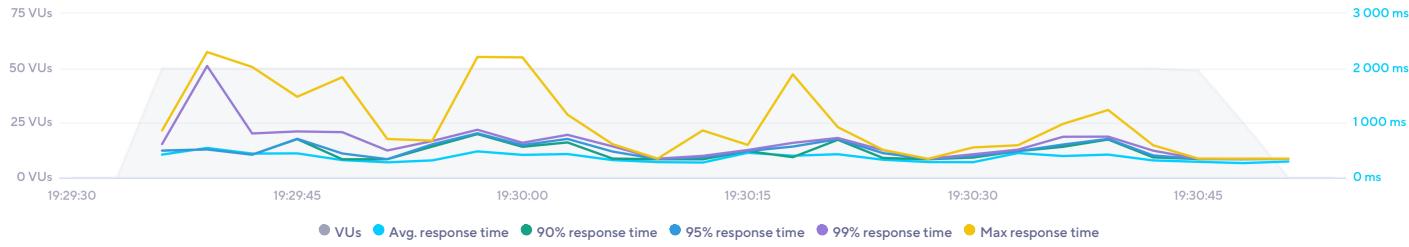
The average response time of the system being tested was **389 ms** and **5 600 requests** were made at an average request rate of **66 requests per second**.



TEST OVERVIEW

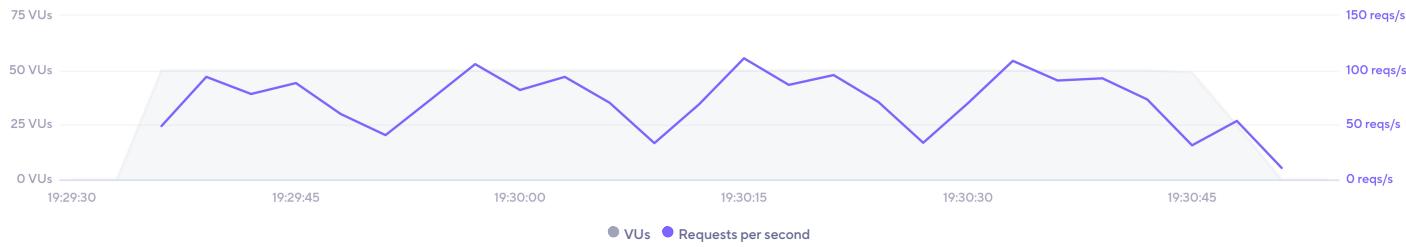
RESPONSE TIME

The maximum response time was **2 298 ms** at **50 VUs**. The average response time at the same point in time was **542 ms**, with 95% of requests taking less than **515 ms**.



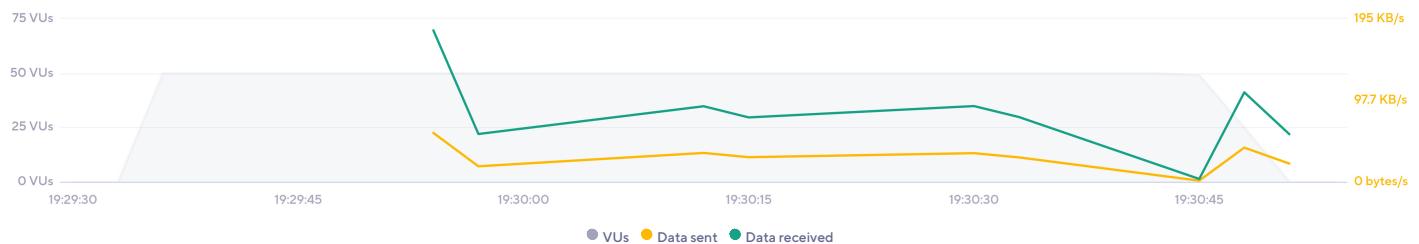
THROUGHPUT

The test had an overall average request rate of **66 reqs/s** peaking at **111 reqs/s** while running **50 VUs**.



BANDWIDTH

The amount of data sent peaked at **50 VUs**, sending **58.5 KB/s** of data. Data received had its peak at **50 VUs** with **181 KB/s** being received.



SLOWEST REQUESTS

There were requests to **6** unique URLs, with **5 600** different responses received. The slowest response had an average response time of **429 ms**.

URL	METHOD	STATUS	COUNT	MIN	Avg	95%	99%	MAX
https://task-cloud-server.iran.liara.run/updateUser	PUT	200	4396	326 ms	429 ms	680 ms	811 ms	2 298 ms
https://task-cloud-server.iran.liara.run/allSessions	GET	200	200	317 ms	336 ms	345 ms	495 ms	706 ms
https://task-cloud-server.iran.liara.run/	POST	200	200	317 ms	332 ms	341 ms	347 ms	862 ms
https://task-cloud-server.iran.liara.run/updateUser	PUT	502	4	212 ms	306 ms	456 ms	477 ms	482 ms
https://task-cloud-server.iran.liara.run/updateUser	OPTIONS	204	600	157 ms	201 ms	395 ms	595 ms	714 ms
https://task-cloud-server.iran.liara.run/	OPTIONS	204	200	157 ms	165 ms	169 ms	180 ms	551 ms

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.



ABOUT k6 CLOUD

k6 helps engineering teams prevent system failures and quickly deliver best-of-class applications. Our cutting-edge load testing platform brings cross-functional teams together to prevent reliability and scalability issues so that every application performs well. Developers, operations, and QA teams use our tools to automate testing and test earlier in the development process to bring high-quality products to market faster.

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>.