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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
mkhavari0120@gmail.com



EXECUTIVE SUMMARY Http req per letter test (19/04/2023-21:54:12)

PASS


Status: **PASS**
 Created: 19 Apr 2023 at 19:24
 Started by: mkhavari0120@gmail.com
 VUs: 10 VUs
 Duration: 1 min 30 sec
 Load zones:



Max Throughput
30 reqs/s



HTTP Failures
0 reqs



Avg Response Time
315 ms



95% Response Time
341 ms

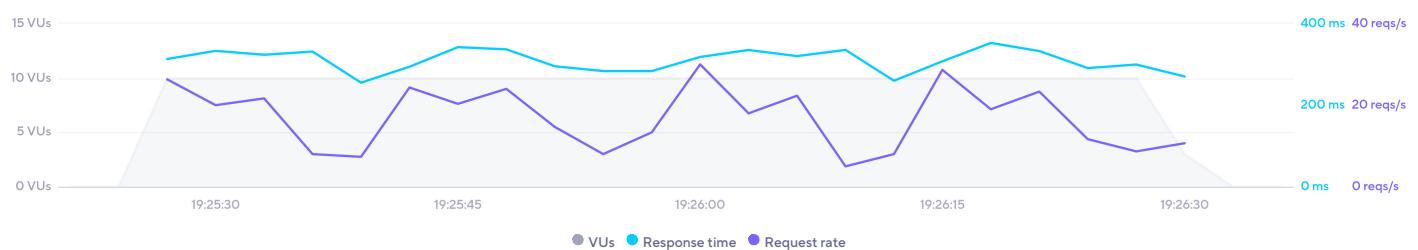
SUMMARY

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 **10 VUs** for 1 minutes 30 seconds. A total of **1120 requests** were made with a max throughput of **30 reqs/s**. The sections below give a more detailed breakdown.

PERFORMANCE OVERVIEW

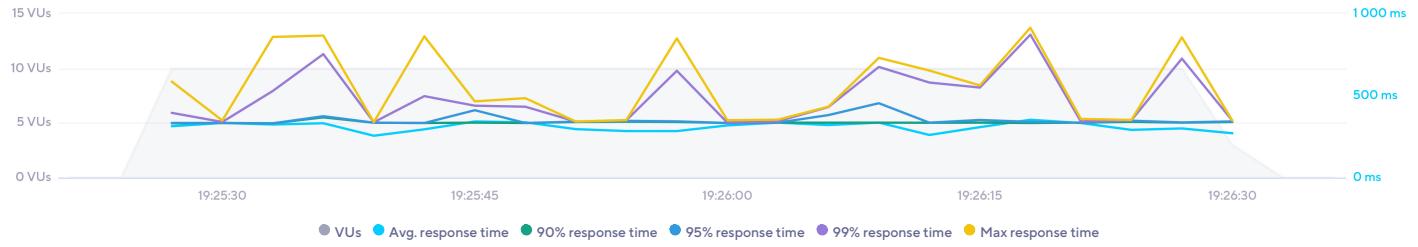
The average response time of the system being tested was **315 ms** and **1120 requests** were made at an average request rate of **15 requests per second**.



TEST OVERVIEW

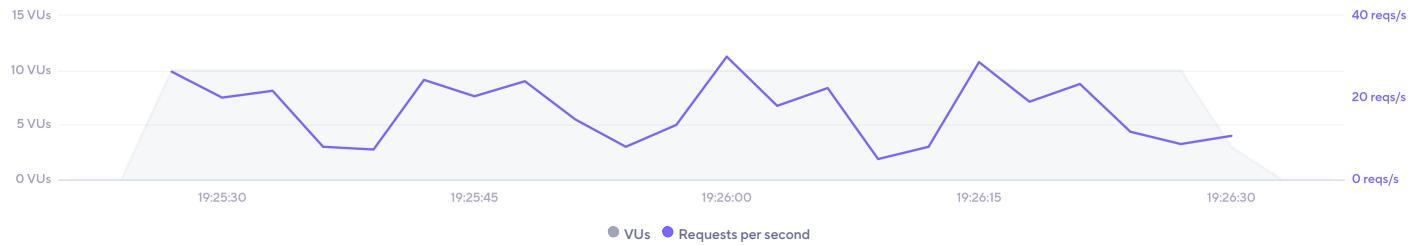
RESPONSE TIME

The maximum response time was **914 ms** at **10 VUs**. The average response time at the same point in time was **353 ms**, with 95% of requests taking less than **340 ms**.



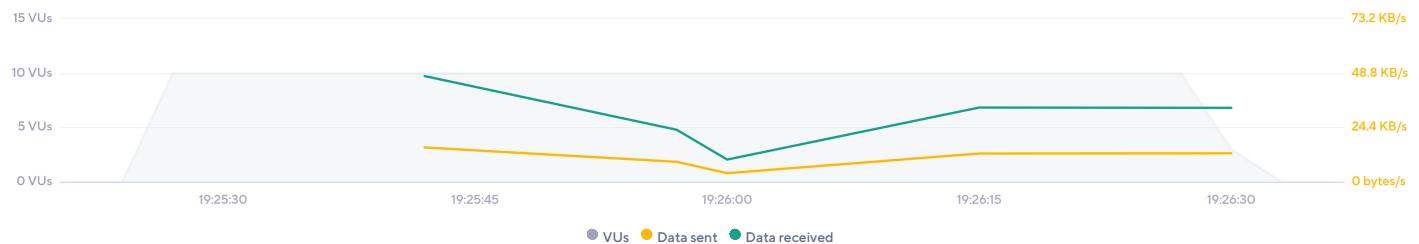
THROUGHPUT

The test had an overall average request rate of **15 reqs/s** peaking at **30 reqs/s** while running **10 VUs**.



BANDWIDTH

The amount of data sent peaked at **10 VUs**, sending **15.4 KB/s** of data. Data received had its peak at **10 VUs** with **47.4 KB/s** being received.



SLOWEST REQUESTS

There were requests to 5 unique URLs, with 1120 different responses received. The slowest response had an average response time of 345 ms.

URL	METHOD	STATUS	COUNT	MIN	Avg	95%	99%	MAX
https://task-cloud-server.iran.liara.run/allSessions	GET	200	40	320 ms	345 ms	342 ms	659 ms	856 ms
https://task-cloud-server.iran.liara.run/updateUser	PUT	200	880	321 ms	340 ms	343 ms	550 ms	914 ms
https://task-cloud-server.iran.liara.run/	POST	200	40	320 ms	339 ms	339 ms	534 ms	653 ms
https://task-cloud-server.iran.liara.run/updateUser	OPTIONS	204	120	157 ms	166 ms	170 ms	188 ms	379 ms
https://task-cloud-server.iran.liara.run/	OPTIONS	204	40	157 ms	164 ms	168 ms	170 ms	171 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.



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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>.