

# iwaraminda@googlel Executive Summary Report

Automated load test report and summary for test Test builder  
(14/07/2021-14:41:44) in organization  
iwaraminda@googlemail.com



# EXECUTIVE SUMMARY - Test builder (14/07/2021-14:41:44)



Status: **PASS**  
 Created: 14 Jul 2021 at 10:17  
 Started by: iwaraminda@googlemail.com  
 VUs: 50 VUs  
 Duration: 12 min 30 sec  
 Load zones: 🇺🇸



Max Throughput  
**80** reqs/s



HTTP Failures  
**0** reqs



Avg Response Time  
**566** ms



95% Response Time  
**579** ms

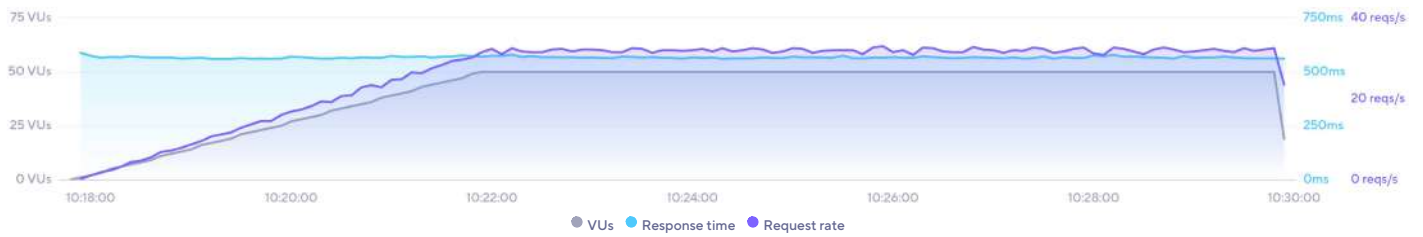
## SUMMARY

This report summarizes a test run of the test "Test builder (14/07/2021-14:41:44)". It was performed on July 14, 2021 and is considered to be successful.

The test was configured to run up to **50 VUs** for 12 minutes 30 seconds. A total of **19 176 requests** were made with a max throughput of **80 reqs/s**. The sections below give a more detailed breakdown.

## PERFORMANCE OVERVIEW

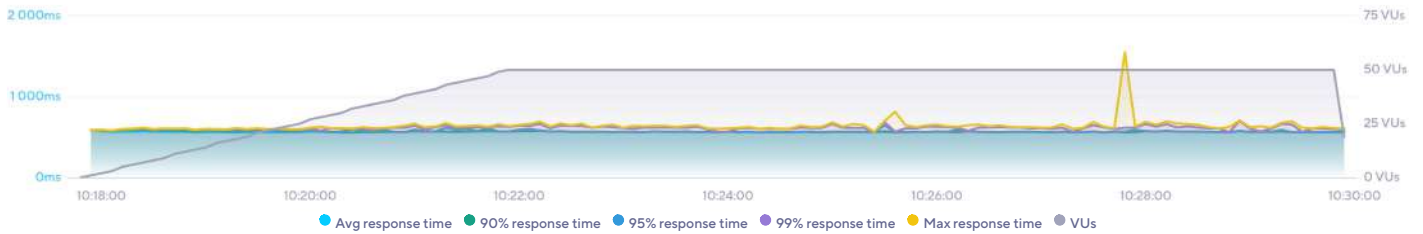
The average response time of the system being tested was **567 ms** and **19 176 requests** were made at an average request rate of **25 requests per second**.



## TEST OVERVIEW

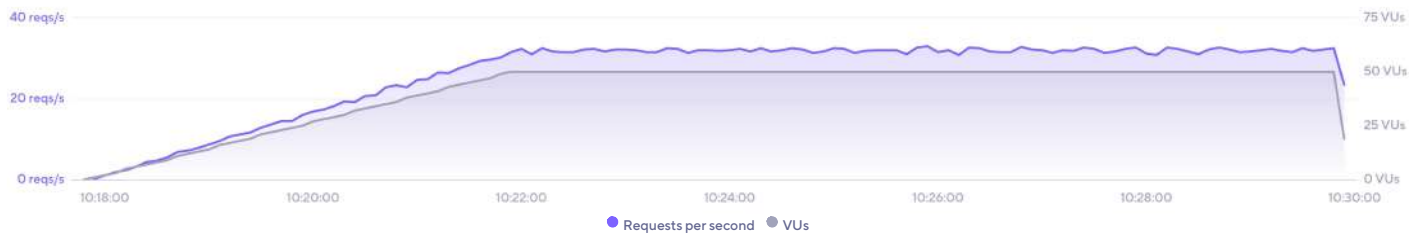
### RESPONSE TIME

The maximum response time was **1 550 ms** at **50 VUs**. The average response time at the same point in time was **564 ms**, with 95% of requests taking less than **570 ms**.



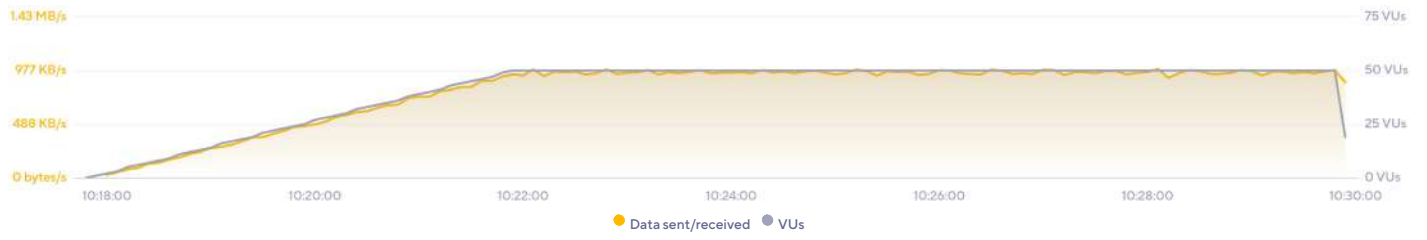
### THROUGHPUT

The test had an overall average request rate of **25 reqs/s** peaking at **33 reqs/s** while running **50 VUs**.



## BANDWIDTH

The amount of data sent peaked at **50 VUs**, sending **3.94 KB/s** of data. Data received had its peak at **50 VUs** with **987 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.



## Response Time

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



## Throughput

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



## 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.



## 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.



## 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>.