

# **kartik.rawat@smallcase.com**

## **Executive Summary Report**

Automated load test report and summary for test read-loadtest-go in organization kartik.rawat@smallcase.com



# EXECUTIVE SUMMARY - read-loadtest-go

✓ PASS


Status: **PASS**  
 Created: 7 Oct 2021 at 06:42  
 Started by: kartik.rawat@smallcase.com  
 VUs: 12 VUs  
 Duration: 10 min 30 sec  
 Load zones:



Max Throughput  
**54 reqs/s**



HTTP Failures  
**0 reqs**



Avg Response Time  
**225 ms**



95% Response Time  
**230 ms**

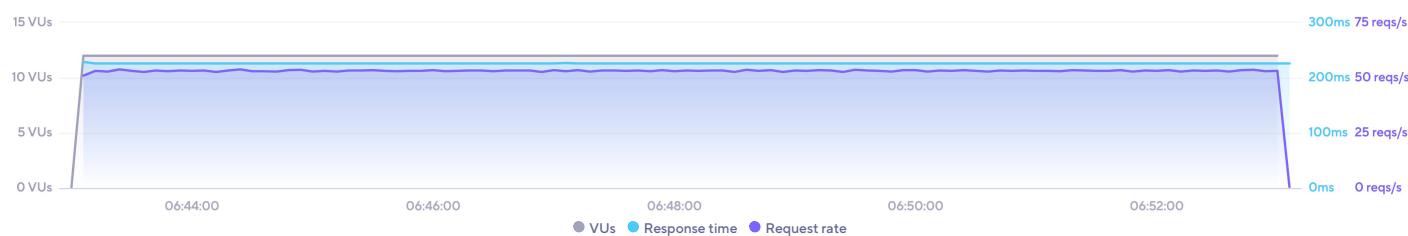
## SUMMARY

This report summarizes a test run of the test "read-loadtest-go". It was performed on October 7, 2021 and is considered to be successful.

The test was configured to run up to **12 VUs** for 10 minutes 30 seconds. A total of **31 916 requests** were made with a max throughput of **54 reqs/s**. The sections below give a more detailed breakdown.

## PERFORMANCE OVERVIEW

The average response time of the system being tested was **226 ms** and **31 916 requests** were made at an average request rate of **53 requests per second**.



## TEST OVERVIEW

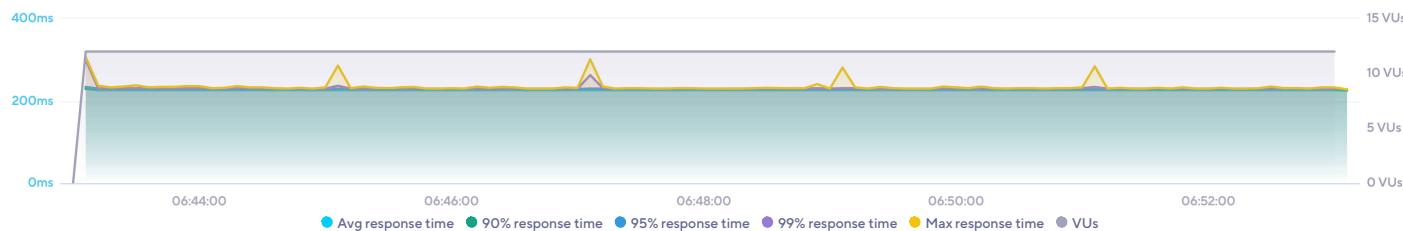
### CHECKS

The test had **1** different checks that were evaluated a total of **31 916** times, of which **31 916** failed. Overall the success rate was **0%**. The check with the highest failure rate was "response code was 200", which failed **100%** of the time.

CHECK NAME	SUCCESS RATE	SUCCESS COUNT	FAIL COUNT
response code was 200	0%	0	31916

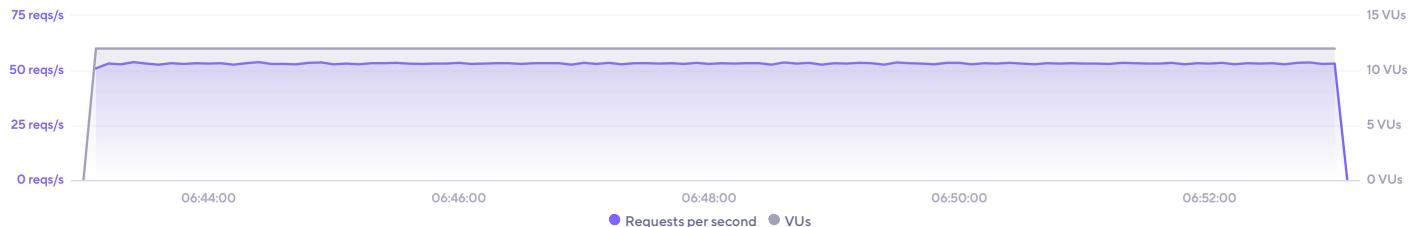
## RESPONSE TIME

The maximum response time was **307 ms** at **12 VUs**. The average response time at the same point in time was **229 ms**, with 95% of requests taking less than **234 ms**.



## THROUGHPUT

The test had an overall average request rate of **53 reqs/s** peaking at **54 reqs/s** while running **12 VUs**.



## BANDWIDTH

The amount of data sent peaked at **12 VUs**, sending **5.59 KB/s** of data. Data received had its peak at **12 VUs** with **226 KB/s** being received.



## SLOWEST REQUESTS

There were requests to **10** unique URLs, with **10** different responses received. The slowest response had an average response time of **226 ms**.

URL	METHOD	STATUS	COUNT	MIN	Avg	95%	99%	MAX
<a href="http://143.244.134.154:8080/read?keyword=repudiandae">http://143.244.134.154:8080/read?keyword=repudiandae</a>	GET	201	3160	220 ms	226 ms	230 ms	231 ms	307 ms
<a href="http://143.244.134.154:8080/read?keyword=autem">http://143.244.134.154:8080/read?keyword=autem</a>	GET	201	3156	220 ms	226 ms	230 ms	231 ms	301 ms
<a href="http://143.244.134.154:8080/read?keyword=totam">http://143.244.134.154:8080/read?keyword=totam</a>	GET	201	3150	219 ms	226 ms	230 ms	231 ms	305 ms
<a href="http://143.244.134.154:8080/read?keyword=dignissimos">http://143.244.134.154:8080/read?keyword=dignissimos</a>	GET	201	3269	219 ms	226 ms	230 ms	231 ms	282 ms
<a href="http://143.244.134.154:8080/read?keyword=perspiciatis">http://143.244.134.154:8080/read?keyword=perspiciatis</a>	GET	201	3212	219 ms	226 ms	230 ms	231 ms	288 ms
<a href="http://143.244.134.154:8080/read?keyword=iusto">http://143.244.134.154:8080/read?keyword=iusto</a>	GET	201	3215	219 ms	226 ms	230 ms	230 ms	283 ms
<a href="http://143.244.134.154:8080/read?keyword=corporis">http://143.244.134.154:8080/read?keyword=corporis</a>	GET	201	3224	219 ms	226 ms	229 ms	230 ms	299 ms
<a href="http://143.244.134.154:8080/read?keyword=voluptatem">http://143.244.134.154:8080/read?keyword=voluptatem</a>	GET	201	3164	219 ms	226 ms	229 ms	230 ms	233 ms
<a href="http://143.244.134.154:8080/read?keyword=accusantium">http://143.244.134.154:8080/read?keyword=accusantium</a>	GET	201	3178	219 ms	226 ms	229 ms	230 ms	280 ms
<a href="http://143.244.134.154:8080/read?keyword=fugiat">http://143.244.134.154:8080/read?keyword=fugiat</a>	GET	201	3188	219 ms	226 ms	229 ms	230 ms	288 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>.