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Executive Summary Report

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



EXECUTIVE SUMMARY - read-loadtest-nodejs

✓ PASS


Status: **PASS**
 Created: 7 Oct 2021 at 06:25
 Started by: kartik.rawat@smallcase.com
 VUs: 12 VUs
 Duration: 10 min 30 sec
 Load zones:



Max Throughput
53 reqs/s



HTTP Failures
0 reqs



Avg Response Time
230 ms



95% Response Time
232 ms

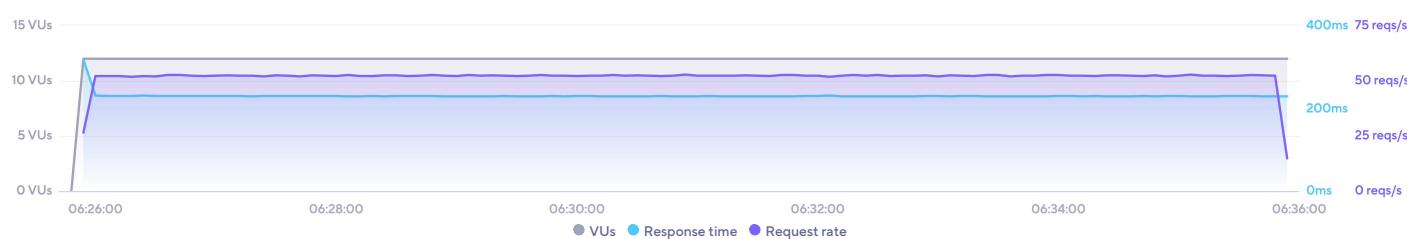
SUMMARY

This report summarizes a test run of the test "read-loadtest-nodejs". 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 **31 349 requests** were made with a max throughput of **53 reqs/s**. The sections below give a more detailed breakdown.

PERFORMANCE OVERVIEW

The average response time of the system being tested was **230 ms** and **31 349 requests** were made at an average request rate of **52 requests per second**.



TEST OVERVIEW

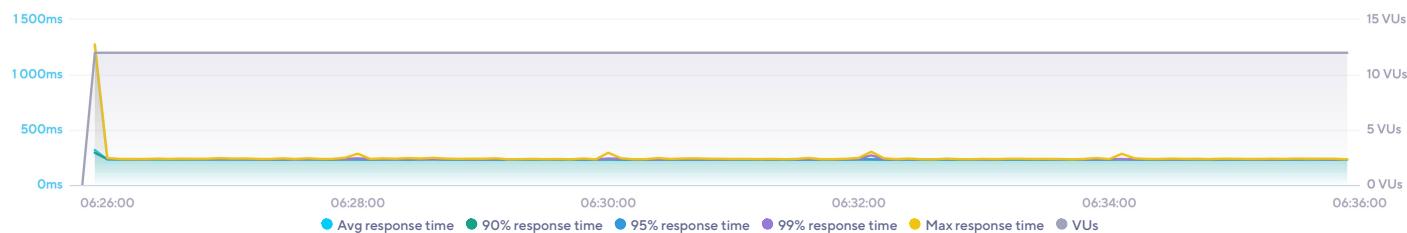
CHECKS

The test had **1** different checks that were evaluated a total of **31 349** times, none of which failed.

CHECK NAME	SUCCESS RATE	SUCCESS COUNT	FAIL COUNT
response code was 200	100%	31349	0

RESPONSE TIME

The maximum response time was **1275 ms** at **12 VUs**. The average response time at the same point in time was **318 ms**, with 95% of requests taking less than **1271 ms**.



THROUGHPUT

The test had an overall average request rate of **52 reqs/s** peaking at **53 reqs/s** while running **12 VUs**.



BANDWIDTH

The amount of data sent peaked at **12 VUs**, sending **5.5 KB/s** of data. Data received had its peak at **12 VUs** with **211 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 **231 ms**.

URL	METHOD	STATUS	COUNT	MIN	Avg	95%	99%	MAX
http://143.244.134.154:8080/read?keyword=totam	GET	200	3122	223 ms	231 ms	232 ms	236 ms	1275 ms
http://143.244.134.154:8080/read?keyword=accusantium	GET	200	3179	223 ms	230 ms	232 ms	236 ms	1268 ms
http://143.244.134.154:8080/read?keyword=perspiciatis	GET	200	3143	223 ms	230 ms	232 ms	237 ms	1266 ms
http://143.244.134.154:8080/read?keyword=fugiat	GET	200	3181	223 ms	230 ms	232 ms	236 ms	1265 ms
http://143.244.134.154:8080/read?keyword=dignissimos	GET	200	3142	223 ms	230 ms	232 ms	235 ms	1268 ms
http://143.244.134.154:8080/read?keyword=iusto	GET	200	3173	223 ms	230 ms	232 ms	236 ms	1268 ms
http://143.244.134.154:8080/read?keyword=republiandae	GET	200	3109	223 ms	230 ms	232 ms	238 ms	292 ms
http://143.244.134.154:8080/read?keyword=autem	GET	200	3078	223 ms	230 ms	232 ms	236 ms	299 ms
http://143.244.134.154:8080/read?keyword=corporis	GET	200	3093	223 ms	230 ms	232 ms	236 ms	263 ms
http://143.244.134.154:8080/read?keyword=voluptatem	GET	200	3129	223 ms	230 ms	232 ms	237 ms	293 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>.