



seankeery/seankeery

Executive Summary Report

Automated load test report and summary for test Test
(12/10/2023-14:08:18)anization
seankeery/seankeery.grafana.net

EXECUTIVE SUMMARY - Test (12/10/2023-14:08:18)

(✓) PASS


Status: **PASS**
 Created: 12 Oct 2023 at 20:09
 Started by: seke4820@colorado.edu
 VUs: 10 VUs
 Duration: 1 min 30 sec
 Load zones:



Max Throughput
3 reqs/s



HTTP Failures
0 reqs



Avg Response Time
163 ms



95% Response Time
423 ms

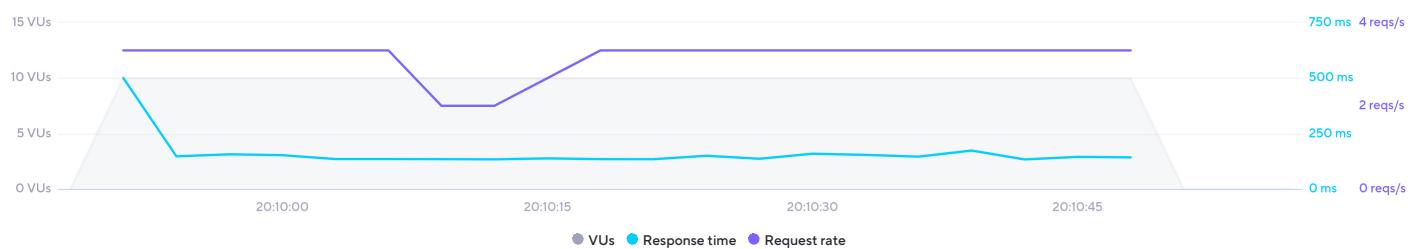
SUMMARY

This report summarizes a test run of the test "Test (12/10/2023-14:08:18)". It was performed on October 12, 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 **190 requests** were made with a max throughput of **3.3 reqs/s**. The sections below give a more detailed breakdown.

PERFORMANCE OVERVIEW

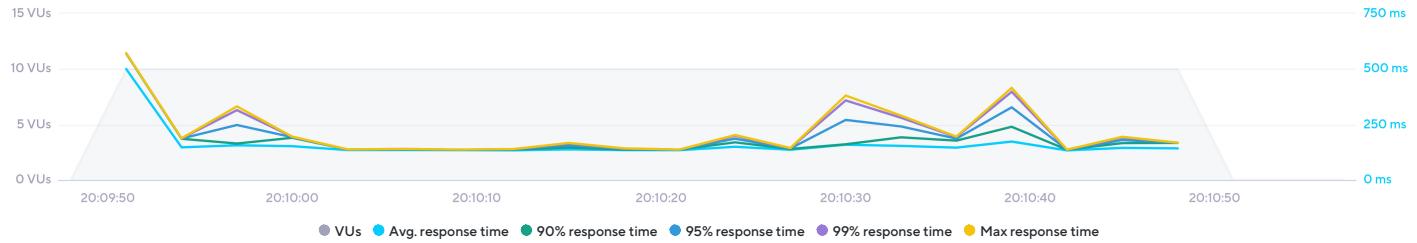
The average response time of the system being tested was **163 ms** and **190 requests** were made at an average request rate of **3 requests per second**.



TEST OVERVIEW

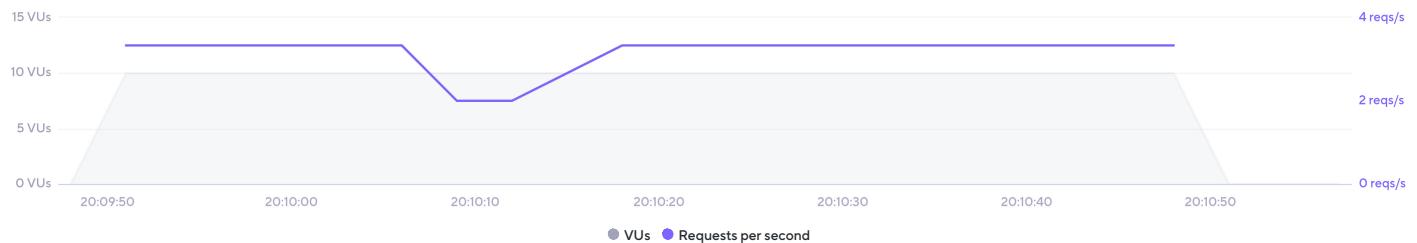
RESPONSE TIME

The maximum response time was **572 ms** at **10 VUs**. The average response time at the same point in time was **500 ms**, with 95% of requests taking less than **571 ms**.



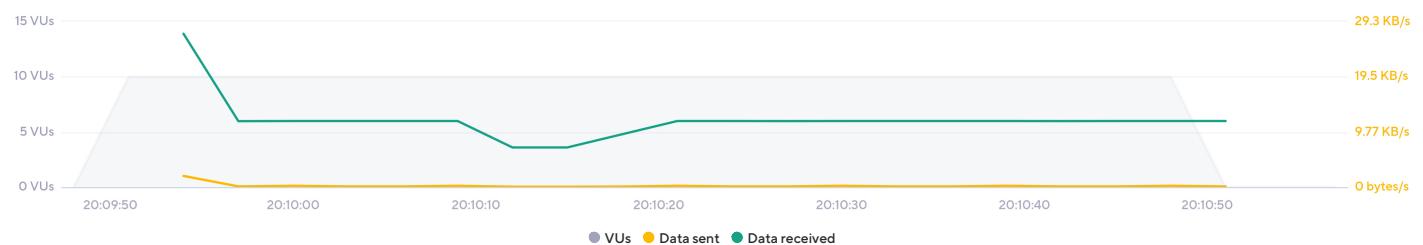
THROUGHPUT

The test had an overall average request rate of **2.7 reqs/s** peaking at **3.3 reqs/s** while running **10 VUs**.



BANDWIDTH

The amount of data sent peaked at **10 VUs**, sending **1.97 KB/s** of data. Data received had its peak at **10 VUs** with **27.2 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.



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 GRAFANA CLOUD k6

Grafana Cloud k6 is the modern performance testing platform that brings cross-functional teams together to prevent system failures and consistently deliver fast and reliable applications. For more information, visit <https://grafana.com/products/cloud/k6/>.