



# **madanuneeharica/mad Executive Summary Report**

Automated load test report and summary for test Course-GET-ID-BATCH-SOAK-API in organization  
[madanuneeharica/madanuneeharica.grafana.net](http://madanuneeharica/madanuneeharica.grafana.net)

# EXECUTIVE SUMMARY - Course-GET-ID-BATCH-SOAK-API

✖ FAIL


Status: **FAIL**  
 Created: 31 Mar 2024 at 10:55  
 Started by: madanuneharica@gmail.com  
 VUs: 100 VUs  
 Duration: 40 min 30 sec  
 Load zones:  
**115 reqs/s**



Max Throughput  
**115 reqs/s**



HTTP Failures  
**0 reqs**



Avg Response Time  
**65 ms**



95% Response Time  
**70 ms**

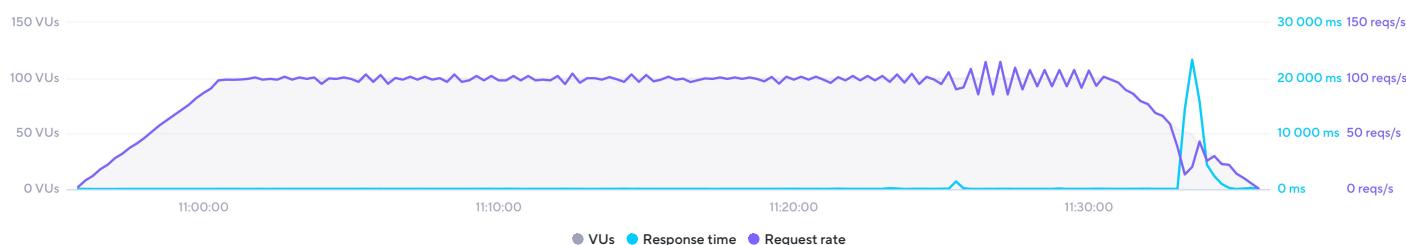
## SUMMARY

This report summarizes a test run of the test "Course-GET-ID-BATCH-SOAK-API". It was performed on March 31, 2024 and is considered to have failed.

The test was configured to run up to **100 VUs** for 40 minutes 30 seconds. A total of **208 000 requests** were made with a max throughput of **115 reqs/s**. The sections below give a more detailed breakdown.

## PERFORMANCE OVERVIEW

The 95th percentile response time of the system being tested was **71 ms** and **208 000 requests** were made at an average request rate of **87 requests per second**.



## TEST OVERVIEW

### CHECKS

The test had **1** different checks that were evaluated a total of **208 000** times, none of which failed.

CHECK NAME	SUCCESS RATE	SUCCESS COUNT	FAIL COUNT
Status is 201	100%	208000	0

### THRESHOLDS

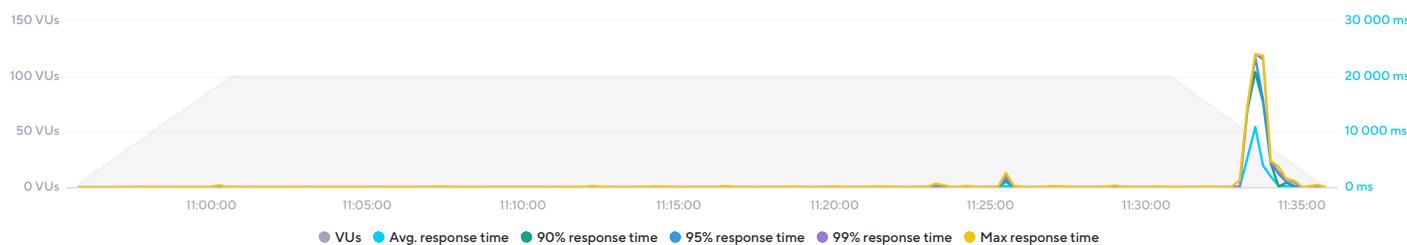
The test failed to meet its performance expectations, with 2 out of 14 thresholds exceeding their acceptance criteria.

THRESHOLD NAME	CONDITION	VALUE
✓ content_size:value<=785	value<=785	value=
✓ http_req_blocked:avg<100	avg<100	avg=
✓ http_req_duration:p(95)<100	p(95)<100	p(95)=
✓ http_req_tls_handshaking:p(95)<500	p(95)<500	p(95)=
✓ http_reqs:count>=1	count>=1	count=
✓ request_rate:rate==1	rate==1	rate=
✓ status_code:count>=0	count>=0	count=
✓ failure_rate:rate<0.1	rate<0.1	rate=
✓ http_req_connecting:avg<50	avg<50	avg=

✓	http_req_failed: rate<0.1	rate<0.1	rate=
✗	http_reqs: count<=10	count<=10	count=
✓	latency: p(95)<500	p(95)<500	p(95)=
✗	status_code: count<=10	count<=10	count=
✓	successful_checks: rate>0.9	rate>0.9	rate=

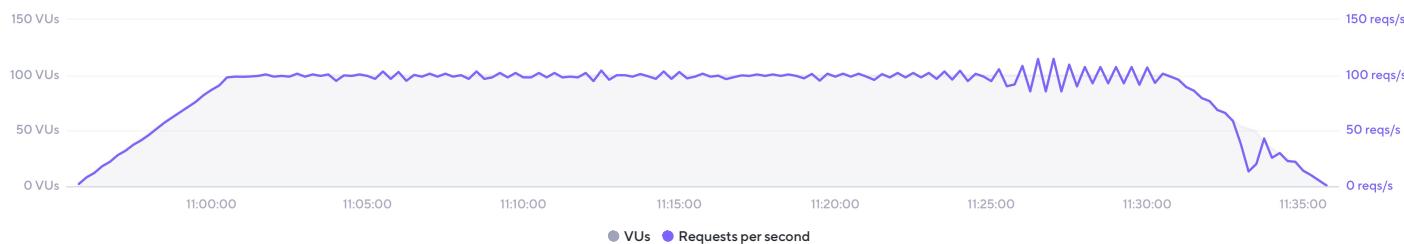
## RESPONSE TIME

The maximum response time was **23 986 ms** at **49 VUs**. The average response time at the same point in time was **10 825 ms**, with 95% of requests taking less than **23 331 ms**.



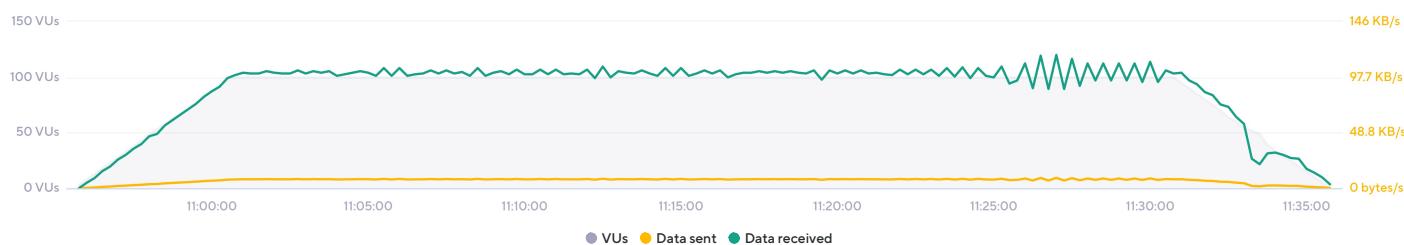
## THROUGHPUT

The test had an overall average request rate of **87 reqs/s** peaking at **115 reqs/s** while running **100 VUs**.



## BANDWIDTH

The amount of data sent peaked at **100 VUs**, sending **9.12 KB/s** of data. Data received had its peak at **100 VUs** with **117 KB/s** being received.



## SLOWEST REQUESTS

There were requests to **10** unique URLs, with **208 000** different responses received. The slowest response had an average response time of **102 ms**.

URL	METHOD	STATUS	COUNT	MIN	Avg	95%	99%	MAX
http://localhost:8884/9	GET	201	20800	3 ms	102 ms	81 ms	279 ms	23 858 ms
http://localhost:8884/8	GET	201	20800	3 ms	102 ms	80 ms	295 ms	23 980 ms
http://localhost:8884/7	GET	201	20800	3 ms	100 ms	80 ms	272 ms	23 863 ms
http://localhost:8884/5	GET	201	20800	3 ms	99 ms	79 ms	268 ms	23 986 ms
http://localhost:8884/4	GET	201	20800	2 ms	98 ms	78 ms	252 ms	23 737 ms
http://localhost:8884/3	GET	201	20800	2 ms	98 ms	77 ms	266 ms	23 868 ms

<a href="http://localhost:8884/10">http://localhost:8884/10</a>	GET	201	20800	3 ms	<b>14 ms</b>	32 ms	72 ms	6 956 ms
<a href="http://localhost:8884/12">http://localhost:8884/12</a>	GET	201	20800	2 ms	<b>14 ms</b>	21 ms	60 ms	23 686 ms
<a href="http://localhost:8884/11">http://localhost:8884/11</a>	GET	201	20800	2 ms	<b>13 ms</b>	22 ms	65 ms	6 973 ms
<a href="http://localhost:8884/13">http://localhost:8884/13</a>	GET	201	20800	2 ms	<b>11 ms</b>	20 ms	55 ms	2 001 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 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/>.