



# **studioghibli037/stud Executive Summary Report**

Automated load test report and summary for test Course-  
DELETE-soak-API in organization  
[studioghibli037/studioghibli037.grafana.net](http://studioghibli037/studioghibli037.grafana.net)

# EXECUTIVE SUMMARY - Course-DELETE-soak-API

✖ FAIL


Status: **FAIL**  
 Created: 31 Mar 2024 at 17:59  
 Started by: studioghibli037@gmail.com  
 VUs: 100 VUs  
 Duration: 40 min 30 sec  
 Load zones:  
**112 reqs/s**



Max Throughput  
**112 reqs/s**



HTTP Failures  
**0 reqs**



Avg Response Time  
**35 ms**



95% Response Time  
**85 ms**

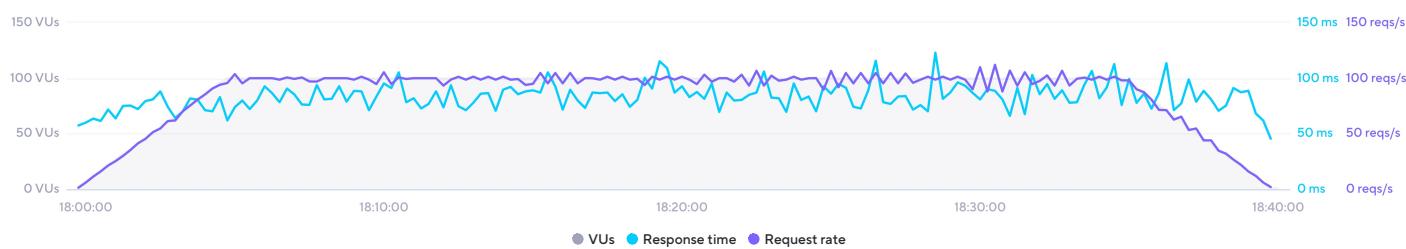
## SUMMARY

This report summarizes a test run of the test "Course-DELETE-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 **209 080 requests** were made with a max throughput of **112 reqs/s**. The sections below give a more detailed breakdown.

## PERFORMANCE OVERVIEW

The 95th percentile response time of the system being tested was **86 ms** and **209 080 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 **209 080** times, none of which failed.

CHECK NAME	SUCCESS RATE	SUCCESS COUNT	FAIL COUNT
Status is 201	100%	209080	0

### THRESHOLDS

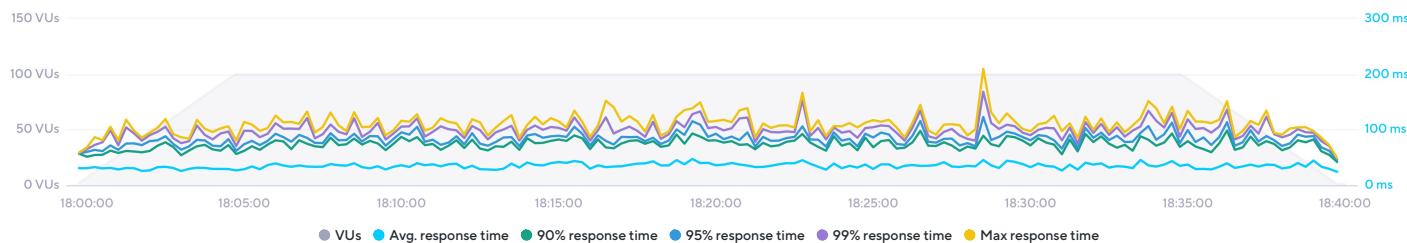
The test failed to meet its performance expectations, with 3 out of 14 thresholds exceeding their acceptance criteria.

THRESHOLD NAME	CONDITION	VALUE
✗ content_size:value<=996	value<=996	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<=50000	count<=50000	count=
✓	latency:p(95)<20000	p(95)<20000	p(95)=
✗	status_code:count<=50000	count<=50000	count=
✓	successful_checks:rate>0.9	rate>0.9	rate=

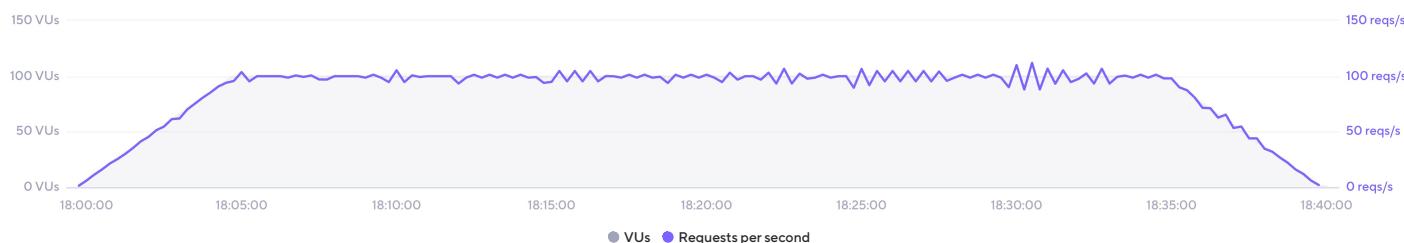
## RESPONSE TIME

The maximum response time was **210 ms** at **100 VUs**. The average response time at the same point in time was **45 ms**, with 95% of requests taking less than **123 ms**.



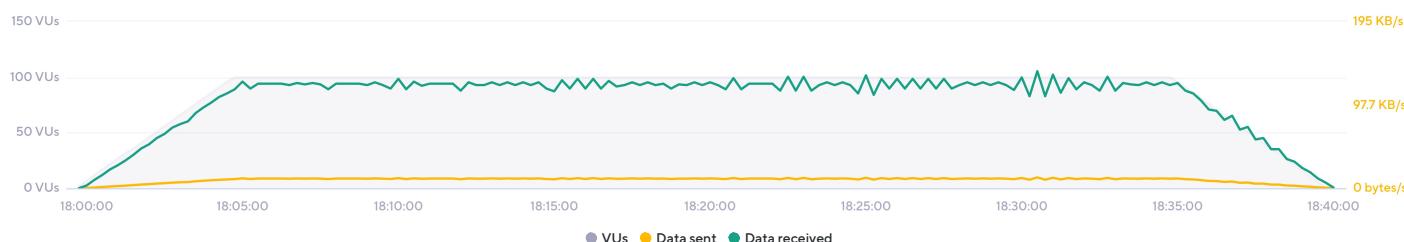
## THROUGHPUT

The test had an overall average request rate of **87 reqs/s** peaking at **112 reqs/s** while running **100 VUs**.



## BANDWIDTH

The amount of data sent peaked at **100 VUs**, sending **12.7 KB/s** of data. Data received had its peak at **100 VUs** with **137 KB/s** being received.



## SLOWEST REQUESTS

There were requests to **7** unique URLs, with **209 080** different responses received. The slowest response had an average response time of **53 ms**.

URL	METHOD	STATUS	COUNT	MIN	Avg	95%	99%	MAX
http://localhost:8884/4	DELETE	201	20908	3 ms	53 ms	93 ms	113 ms	200 ms
http://localhost:8884/10	DELETE	201	20908	2 ms	52 ms	93 ms	112 ms	203 ms
http://localhost:8884/7	DELETE	201	20908	3 ms	51 ms	92 ms	111 ms	196 ms
http://localhost:8884/6	DELETE	201	41816	2 ms	49 ms	91 ms	111 ms	206 ms
http://localhost:8884/3	DELETE	201	41816	3 ms	31 ms	83 ms	103 ms	210 ms
http://localhost:8884/9	DELETE	201	41816	2 ms	12 ms	27 ms	69 ms	125 ms

<a href="http://localhost:8884/5">http://localhost:8884/5</a>	DELETE	201	20908	2 ms	11 ms	23 ms	34 ms	129 ms
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# 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/>.