



# **madanuneeharica/mad Executive Summary Report**

Automated load test report and summary for test Course-EDIT-smoke-API in organization  
[madanuneeharica/madanuneeharica.grafana.net](http://madanuneeharica/madanuneeharica.grafana.net)

# EXECUTIVE SUMMARY - Course-EDIT-smoke-API

✖ FAIL


Status: **FAIL**  
 Created: 31 Mar 2024 at 16:51  
 Started by: madanuneeharica@gmail.com  
 VUs: 1VUs  
 Duration: 10 min 30 sec  
 Load zones:  
 2 VUs



Max Throughput  
**3 reqs/s**



HTTP Failures  
**0 reqs**



Avg Response Time  
**49 ms**



95% Response Time  
**75 ms**

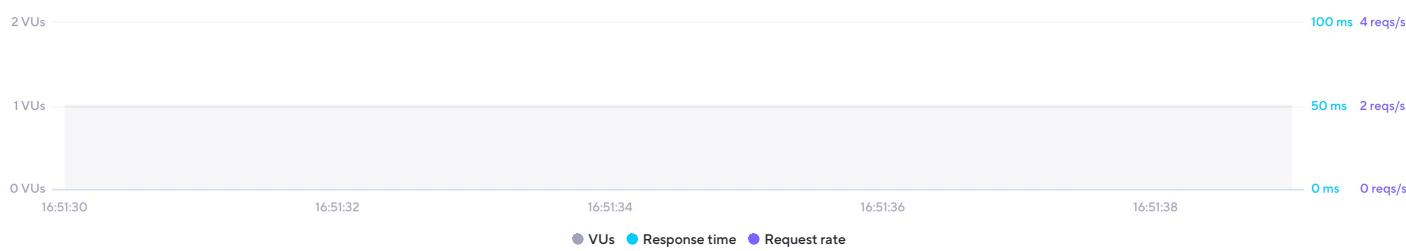
## SUMMARY

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

The test was configured to run up to **1VUs** for 10 minutes 30 seconds. A total of **10 requests** were made with a max throughput of **3.3 reqs/s**. The sections below give a more detailed breakdown.

## PERFORMANCE OVERVIEW

The 95th percentile response time of the system being tested was **76 ms** and **10 requests** were made at an average request rate of **1 requests per second**.



## TEST OVERVIEW

### CHECKS

The test had **1** different checks that were evaluated a total of **10** times, none of which failed.

CHECK NAME	SUCCESS RATE	SUCCESS COUNT	FAIL COUNT
Status is 201	100%	10	0

### THRESHOLDS

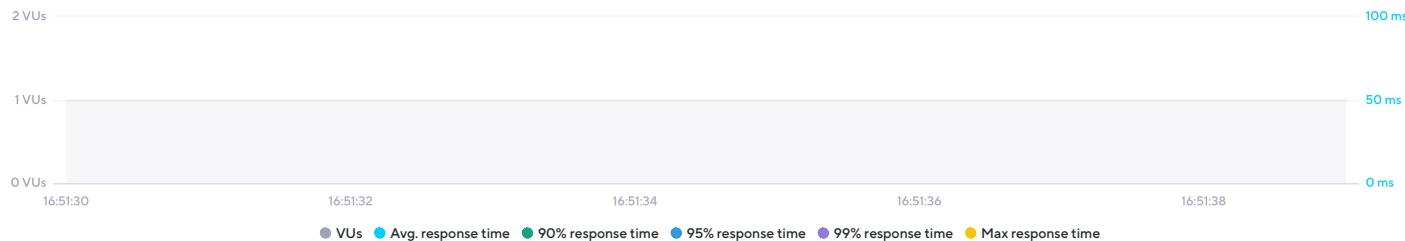
The test failed to meet its performance expectations, with 1 out of 14 thresholds exceeding its acceptance criteria.

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=

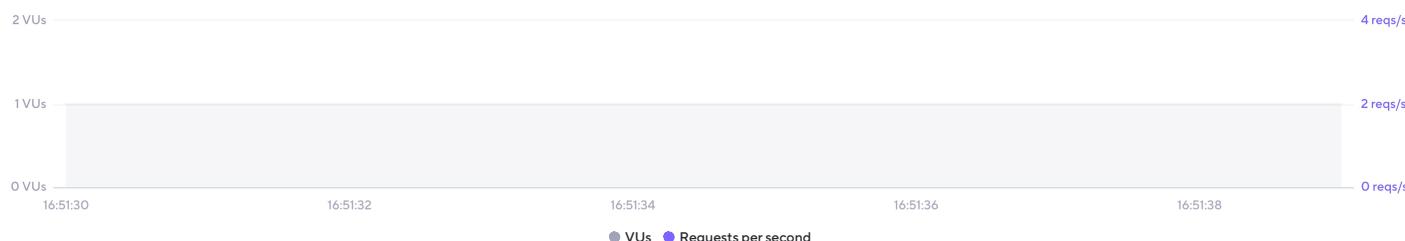
## RESPONSE TIME

The maximum response time was **76 ms** at **1 VUs**. The average response time at the same point in time was **50 ms**, with 95% of requests taking less than **76 ms**.



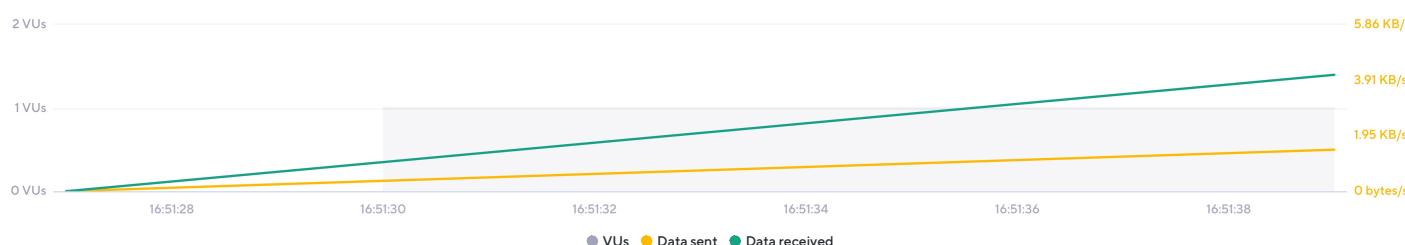
## THROUGHPUT

The test had an overall average request rate of **0.77 reqs/s** peaking at **3.3 reqs/s** while running **1 VUs**.



## BANDWIDTH

The amount of data sent peaked at **1 VUs**, sending **1.46 KB/s** of data. Data received had its peak at **1 VUs** with **4.1 KB/s** being received.



## SLOWEST REQUESTS

There were requests to **7** unique URLs, with **10** different responses received. The slowest response had an average response time of **74 ms**.

URL	METHOD	STATUS	COUNT	MIN	Avg	95%	99%	MAX
http://localhost:8884/5	PUT	201	2	72 ms	74 ms	76 ms	76 ms	76 ms
http://localhost:8884/9	PUT	201	2	70 ms	72 ms	74 ms	74 ms	74 ms
http://localhost:8884/7	PUT	201	1	71 ms				
http://localhost:8884/6	PUT	201	2	13 ms	44 ms	72 ms	74 ms	75 ms
http://localhost:8884/3	PUT	201	1	18 ms				
http://localhost:8884/8	PUT	201	1	16 ms				

http://localhost:8884/4	PUT	201	1	14 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/>.