api_demo.js - 9 Feb, 14:00

Status: FAIL
Created: 9 Feb, 14:00
Started by: kasimotkun@gmail.com

VUs: 100
Duration: 4 min 5 sec
Load zones:

Summary

This report summarizes a test run of the test "api_demo.js". It was performed on February 9th, 2025 and is considered to have failed.

The test was configured to run up to **100 VUs** for 4 min 5 sec. The sections below give a more detailed breakdown.
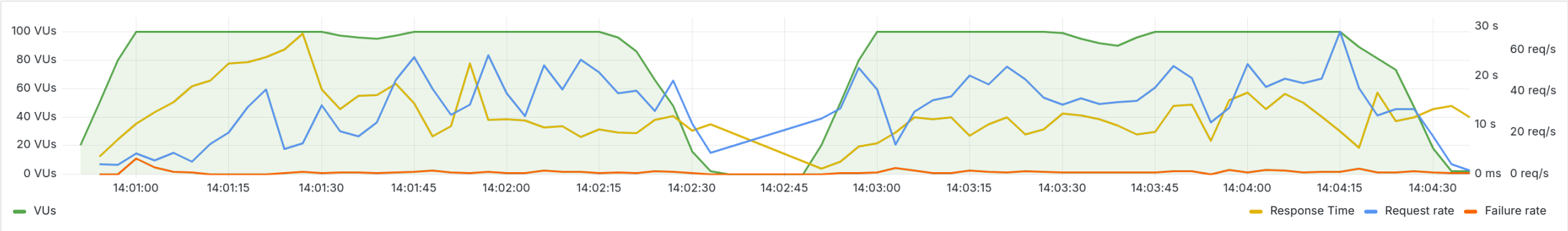
HTTP Overview

Max Throughput	HTTP Failures	Avg. Response Time	95% Response Time
30.4 req/s	**0.843** req/s	**2.88** s	**13.7** s

Performance overview

The 95th percentile response time of the system being tested was **14 s** and **6 959 requests** were made at an average request rate of **31 reqs/s**.
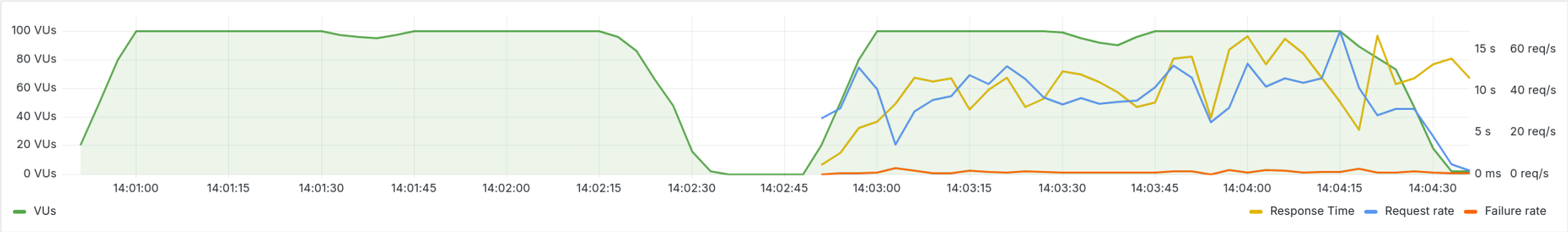
There were a total 193 failed requests, meaning that 3% of requests failed. The average failure rate was **0.87 reqs/s**, peaking at 7.7 reqs/s.
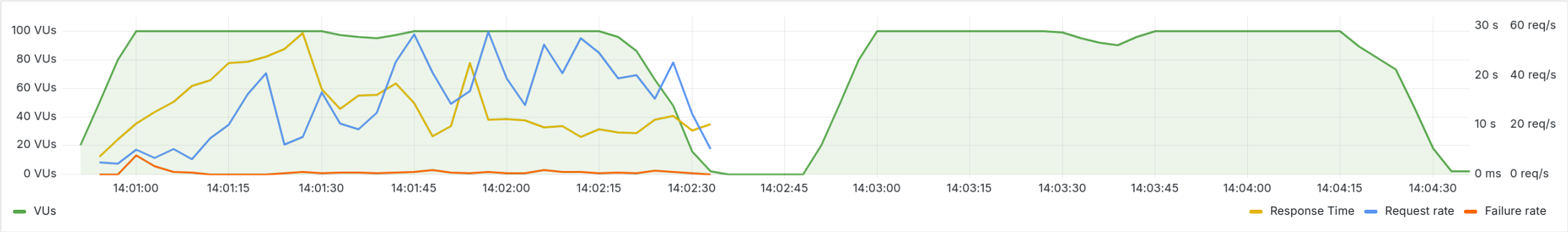
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Scenario: demoWithTooLessCRUDs

Scenario: demoWithTooManyCRUDs

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Top 10 slowest URLs (sorted by P95 response time)

There were requests to 23 unique URLs, with 6 959 different responses received. The slowest response had a P95 response time of 28 s.

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Name	Scenario	Method	Status	Count	Min	Avg	P95	P99	Max
https://test-api.k6.io/user/register/	demoWithTooMany	POST	201	89	3.15 s	18.8 s	28.0 s	31.1 s	32.5 s
https://test-api.k6.io/auth/cookie/login/	demoWithTooMany	POST	400	51	2.36 s	9.98 s	23.1 s	25.7 s	27.2 s
https://test-api.k6.io/auth/cookie/login/	demoWithTooMany	POST	200	262	1.93 s	9.28 s	20.4 s	27.1 s	28.8 s
https://test-api.k6.io/auth/cookie/login/	demoWithTooLessC	POST	200	442	2.15 s	8.29 s	18.7 s	22.3 s	23.5 s
https://test-api.k6.io/auth/cookie/login/	demoWithTooLessC	POST	400	89	2.42 s	8.25 s	18.2 s	23.4 s	25.8 s
PublicCrocs	demoWithTooMany	GET	200	1.23 K	75.5 ms	2.87 s	15.5 s	18.9 s	23.3 s
Create Croc Operation	demoWithTooMany	POST	201	262	86.7 ms	2.20 s	12.9 s	16.7 s	23.3 s
https://test-api.k6.io/auth/cookie/logout/	demoWithTooLessC	POST	200	436	83.0 ms	1.80 s	9.01 s	14.8 s	16.1 s
https://test-api.k6.io/auth/cookie/logout/	demoWithTooMany	POST	200	262	86.8 ms	1.48 s	8.25 s	10.4 s	16.6 s
Create Croc Operation	demoWithTooLessC	POST	201	439	85.0 ms	1.66 s	8.20 s	14.9 s	17.1 s

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Checks

The test had **15** different checks that were evaluated a total of **7 805** times, of which **301** failed. Overall the success rate was **96.1%**. The 2 checks with the highest failure rate failed **16.9%** of the time.

Name	Success rate	Success count	Fail count
login successful	83.1%	442	90
user email is correct	83.1%	442	90
user email is correct	83.4%	262	52
login successful	83.4%	262	52
created user	89%	89	11
crocRegistered	99.3%	439	3
logout successful	99.5%	436	2
crocListReceived	99.8%	438	1
crocRenamed	100%	262	0
logout successful	100%	262	0

Thresholds

The test failed to meet its performance expectations, with 1 out of 1 thresholds exceeding its acceptance criteria.
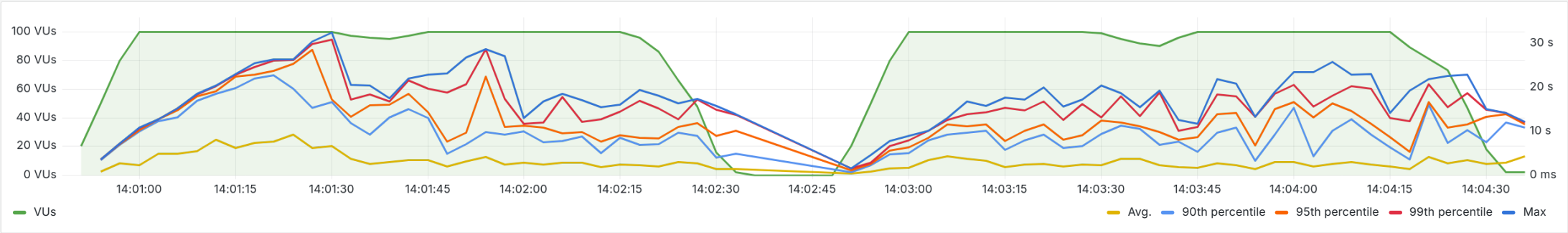
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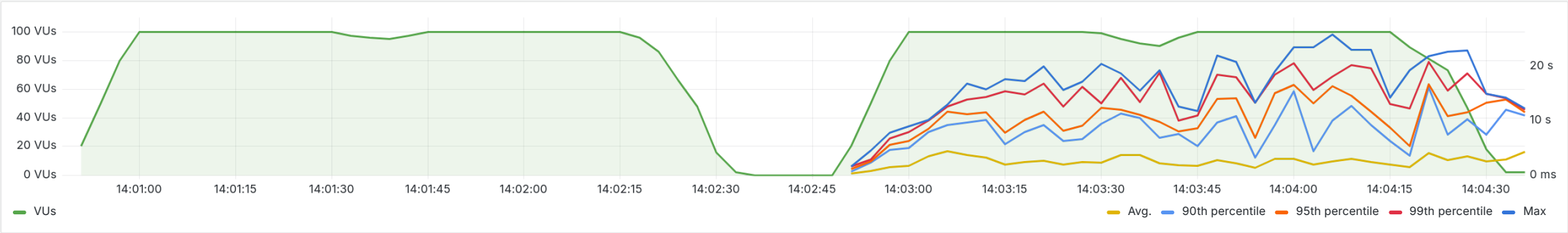| Name	Condition	Calculated value
http_req_duration: p(95)<900	p(95)<900	-

Global results

Response time

The maximum response time occurred at **100 VUs**, with a response time of **32 s**. The average response time at the same point in time was **7 s**, with 95% of requests taking less than **17 s**.
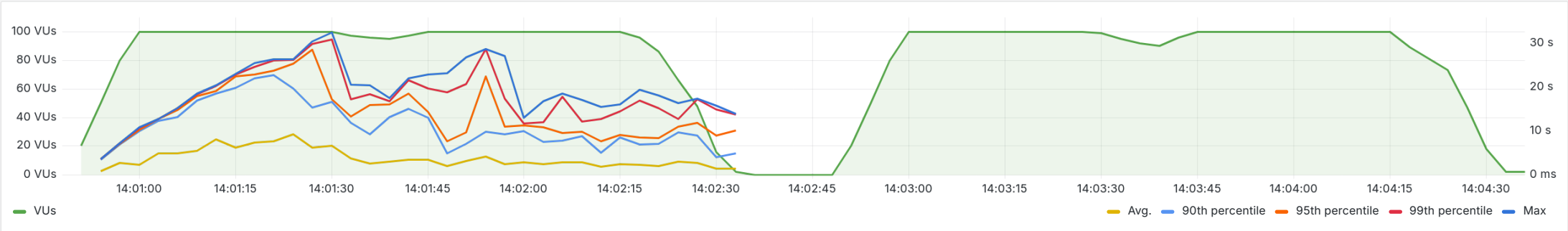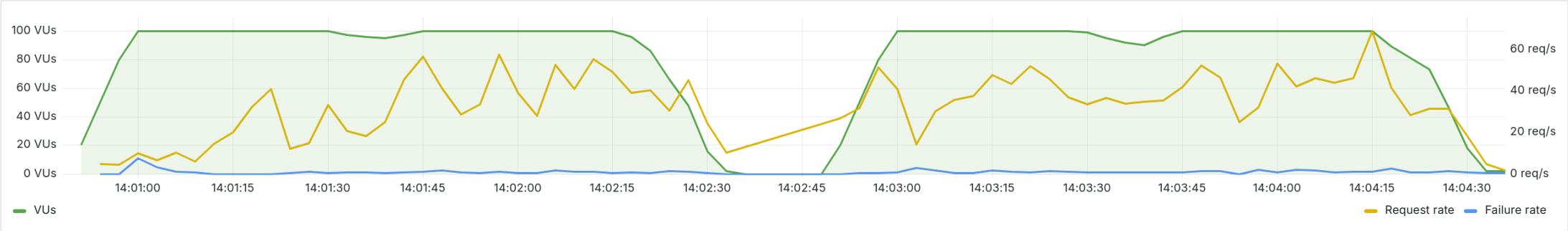

Scenario: demoWithTooLessCRUDs

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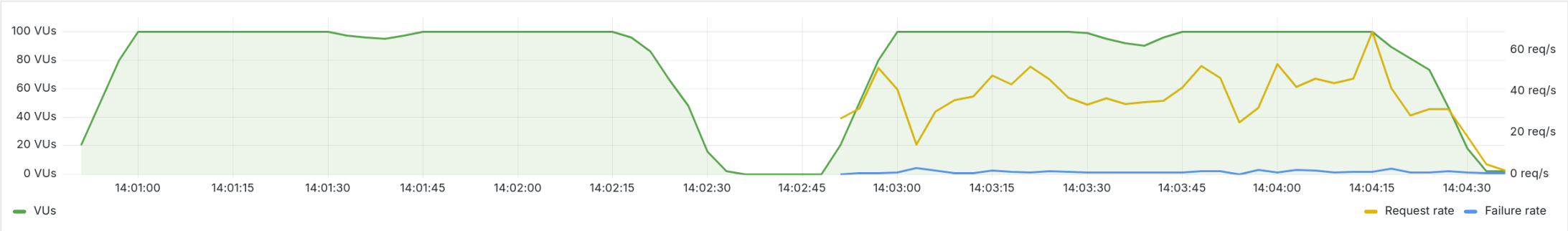Scenario: demoWithTooManyCRUDs

Throughput

The test had an overall average request rate of **31 reqs/s**, peaking at an average of **69 reqs/s** while running **100 VUs**.
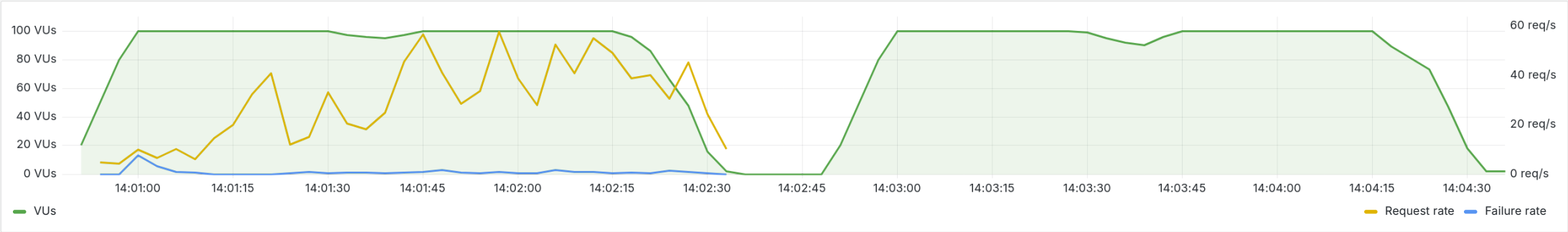

Scenario: demoWithTooLessCRUDs

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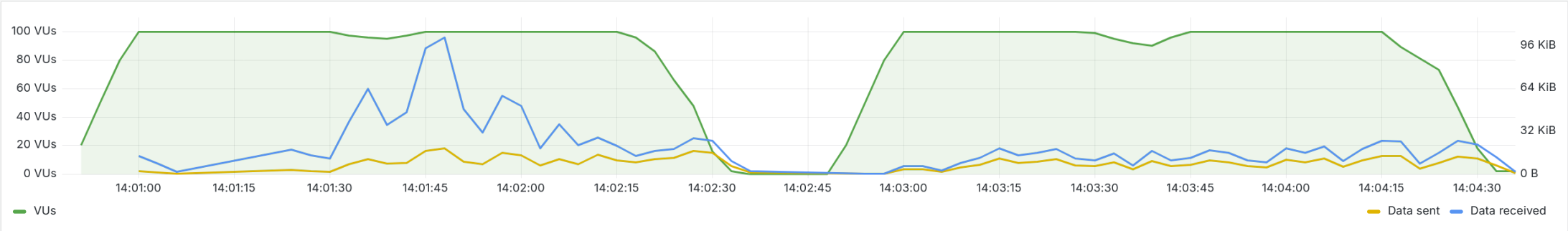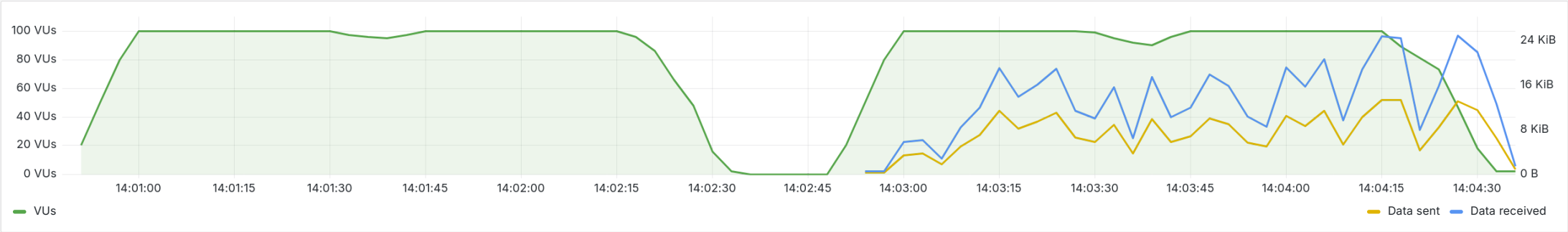

Scenario: demoWithTooManyCRUDs

Bandwidth

The amount of data sent peaked at **100 VUs**, sending **19.2 KB/s** of data. Data received had its peak at **100 VUs** with **102 KB/s** being received. A total of **1.48 MB** was sent and **3.91 MB** received during the course of the entire run.

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