api_demo.js - 10 Feb, 10:20

Status: FAIL
Created: 10 Feb, 10:20
Started by: kasimotkun@gmail.com

VUs: 100
Duration: 7 min 35 sec
Load zones:

Summary

This report summarizes a test run of the test "api_demo.js". It was performed on February 10th, 2025 and is considered to have failed.

The test was configured to run up to **100 VUs** for 7 min 35 sec. The sections below give a more detailed breakdown.

HTTP Overview

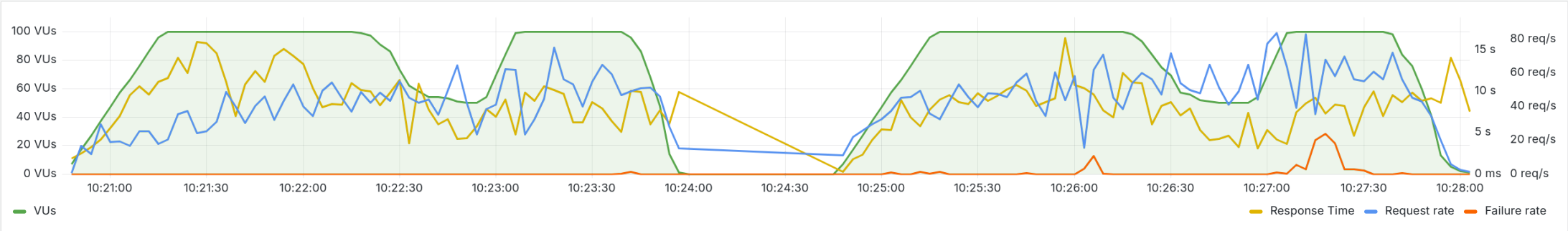| Max Throughput	HTTP Failures	Avg. Response Time	95% Response Time
38.6 req/s	**0.690** req/s	**1.85** s	**9.44** s

Performance overview

The 95th percentile response time of the system being tested was **9 s** and **16 942 requests** were made at an average request rate of **39 reqs/s**.
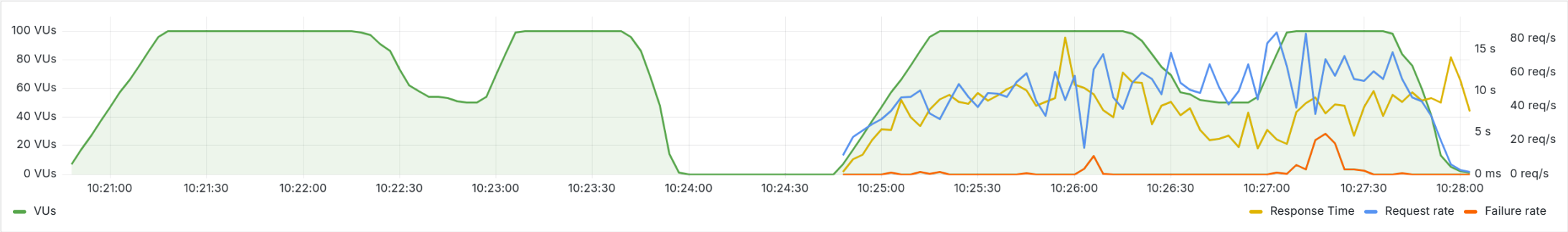
There were a total 303 failed requests, meaning that 2% of requests failed. The average failure rate was **0.69 reqs/s**, peaking at 24 reqs/s.
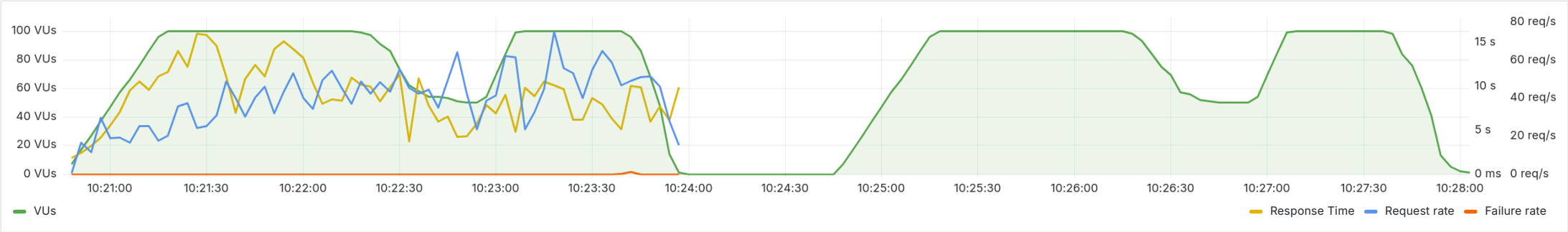
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Scenario: demoWithTooLessCRUDs

Scenario: demoWithTooManyCRUDs

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Top 10 slowest URLs (sorted by P95 response time)

There were requests to 21 unique URLs, with 16 942 different responses received. The slowest response had a P95 response time of 17 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	100	1.87 s	8.22 s	17.2 s	20.8 s	20.8 s
https://test-api.k6.io/auth/cookie/login/	demoWithTooMany	POST	200	749	1.63 s	7.55 s	16.2 s	19.8 s	27.5 s
https://test-api.k6.io/auth/cookie/login/	demoWithTooLessC	POST	200	1.16 K	1.68 s	6.73 s	13.9 s	18.0 s	20.6 s
PublicCrocs	demoWithTooMany	GET	200	2.99 K	72.0 ms	1.38 s	8.01 s	12.0 s	16.6 s
https://test-api.k6.io/auth/cookie/logout/	demoWithTooMany	POST	200	748	82.9 ms	1.36 s	7.56 s	11.6 s	15.0 s
https://test-api.k6.io/my/crocodiles/	demoWithTooMany	GET	200	748	75.6 ms	1.54 s	7.53 s	13.8 s	14.6 s
Delete Croc Operation	demoWithTooMany	DELETE	204	746	78.4 ms	1.33 s	7.21 s	11.0 s	14.6 s
Create Croc Operation	demoWithTooMany	POST	201	749	82.9 ms	1.44 s	7.15 s	11.3 s	15.1 s
Update Croc Operation	demoWithTooMany	PATCH	200	748	80.2 ms	1.35 s	7.03 s	11.0 s	14.7 s
https://test-api.k6.io/my/crocodiles/	demoWithTooLessC	GET	500	15	354 ms	2.75 s	6.53 s	6.85 s	6.93 s

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Checks

The test had **15** different checks that were evaluated a total of **18 882** times, of which **129** failed. Overall the success rate was **99.3%**. The check with the highest failure rate was "crocRegistered", which failed **3.2%** of the time.

Name	Success rate	Success count	Fail count
crocRegistered	96.8%	1126	37
user email is correct	97.6%	1163	28
login successful	97.6%	1163	28
logout successful	98.4%	1093	18
crocListReceived	98.7%	1111	15
crocDeregistered	99.7%	746	2
crocListReceived	99.9%	748	1
crocRenamed	100%	748	0
crocReceivedWithName	100%	2996	0
crocRegistered	100%	749	0

Thresholds

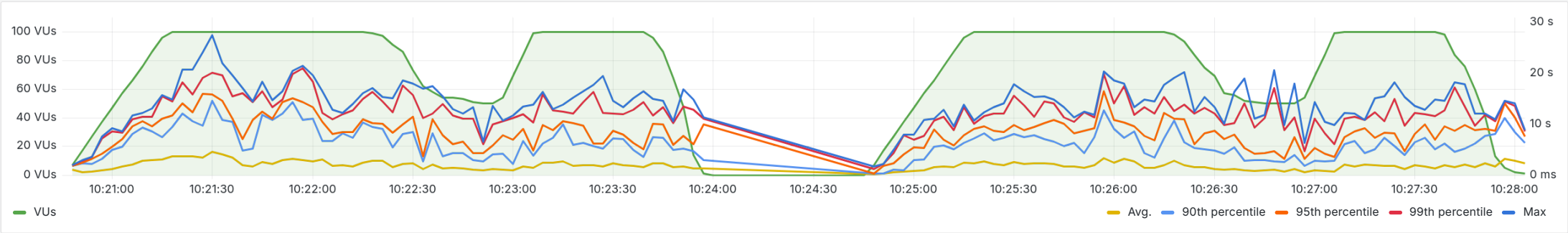The test failed to meet its performance expectations, with 1 out of 1 thresholds exceeding its acceptance criteria.

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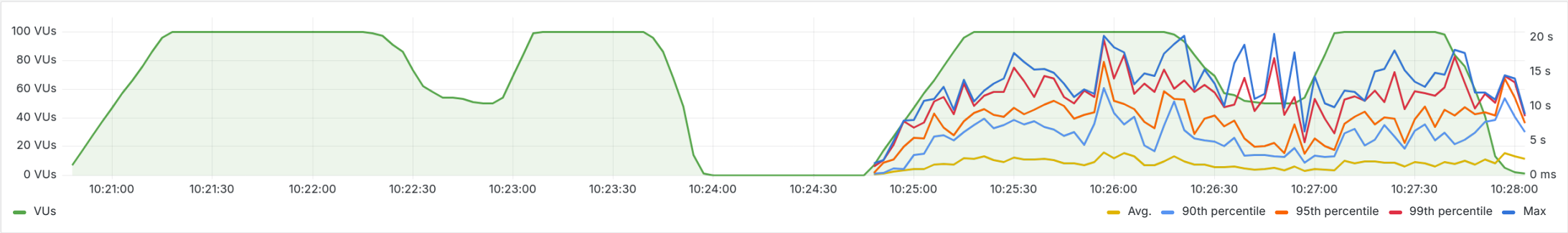| Name	Condition	Calculated value
http_req_duration: p(95)<900	p(95)<900	-

Global results

Response time

The maximum response time occurred at **100 VUs**, with a response time of **28 s**. The average response time at the same point in time was **5 s**, with 95% of requests taking less than **16 s**.
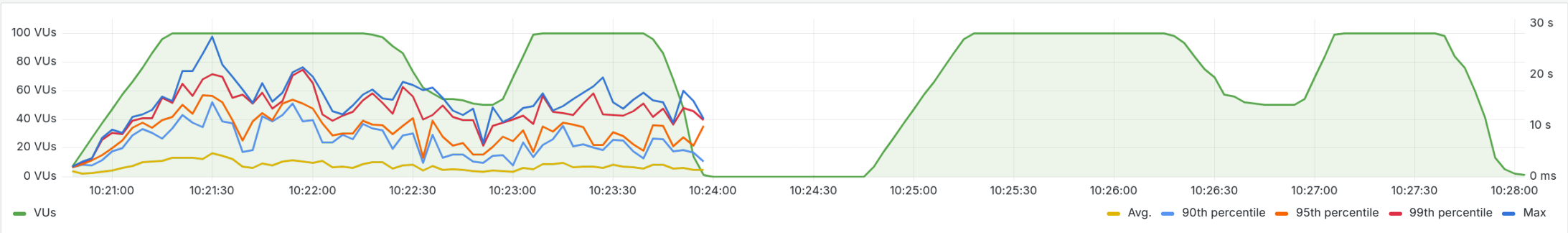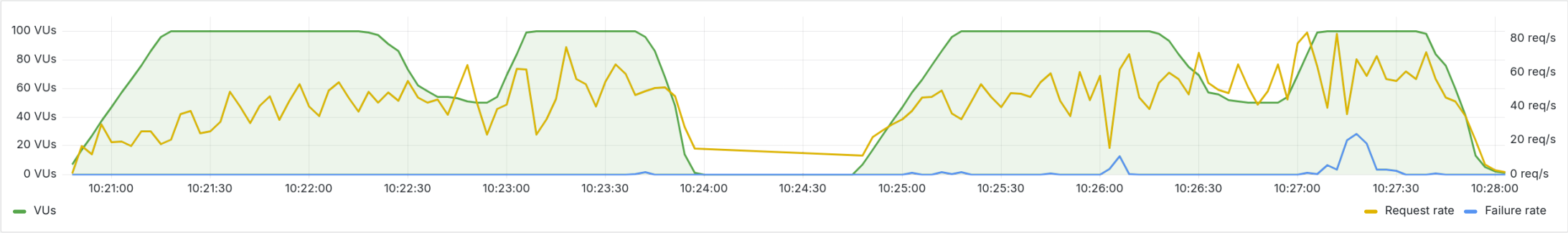

Scenario: demoWithTooLessCRUDs

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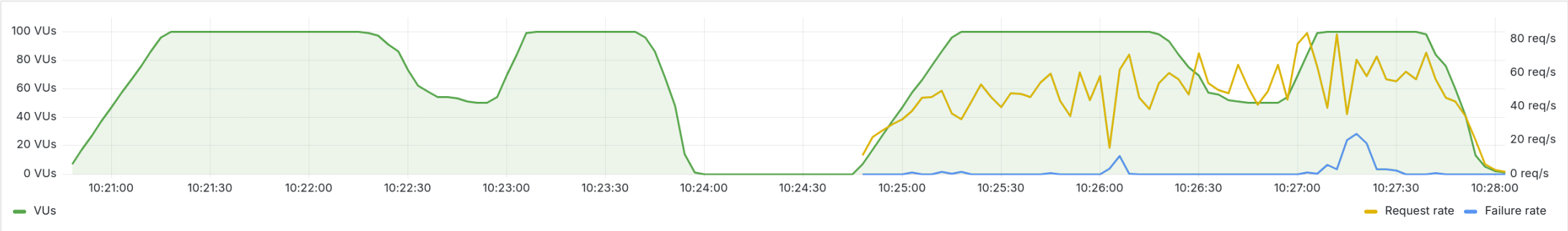Scenario: demoWithTooManyCRUDs

Throughput

The test had an overall average request rate of **39 reqs/s**, peaking at an average of **84 reqs/s** while running **84 VUs**.
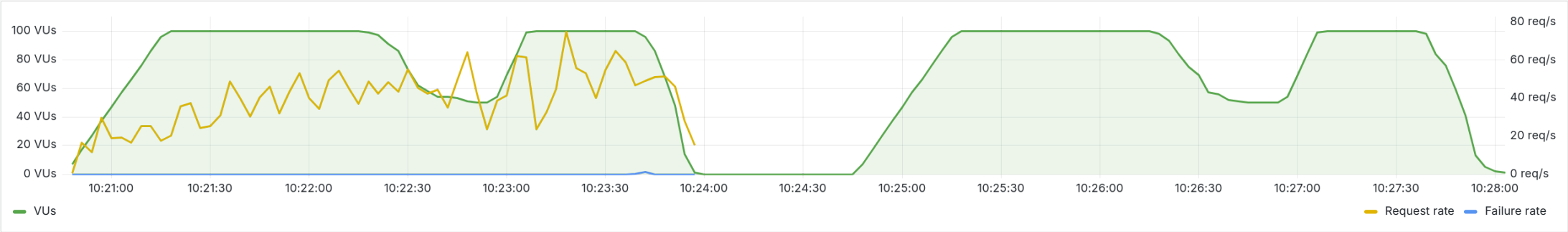

Scenario: demoWithTooLessCRUDs

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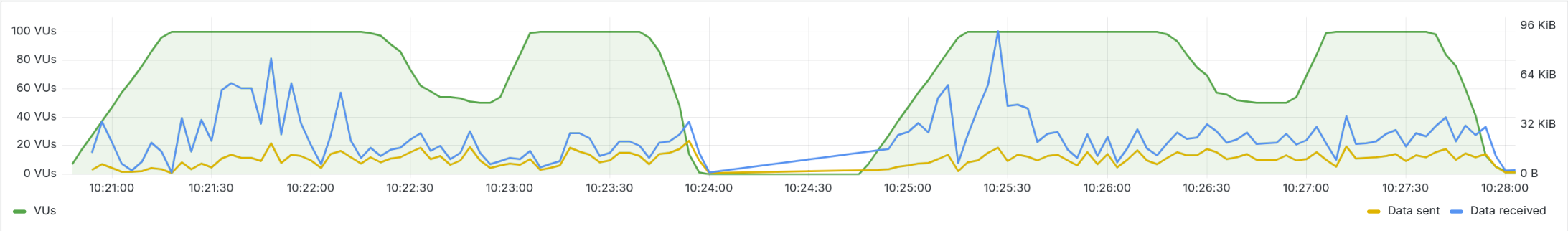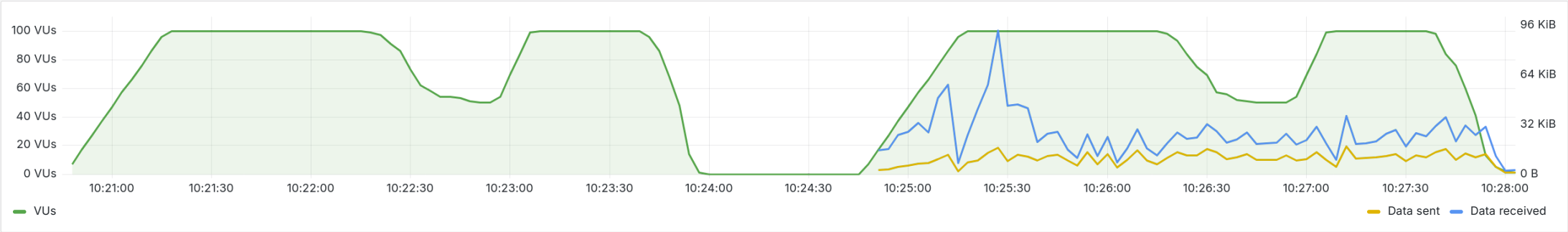

Scenario: demoWithTooManyCRUDs

Bandwidth

The amount of data sent peaked at **14 VUs**, sending **21.7 KB/s** of data. Data received had its peak at **100 VUs** with **92.3 KB/s** being received. A total of **3.54 MB** was sent and **8.94 MB** received during the course of the entire run.

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