Performance test report - Jun 1, 2024 (#18)

Open in Postman

Postman collection: **HelpMe**
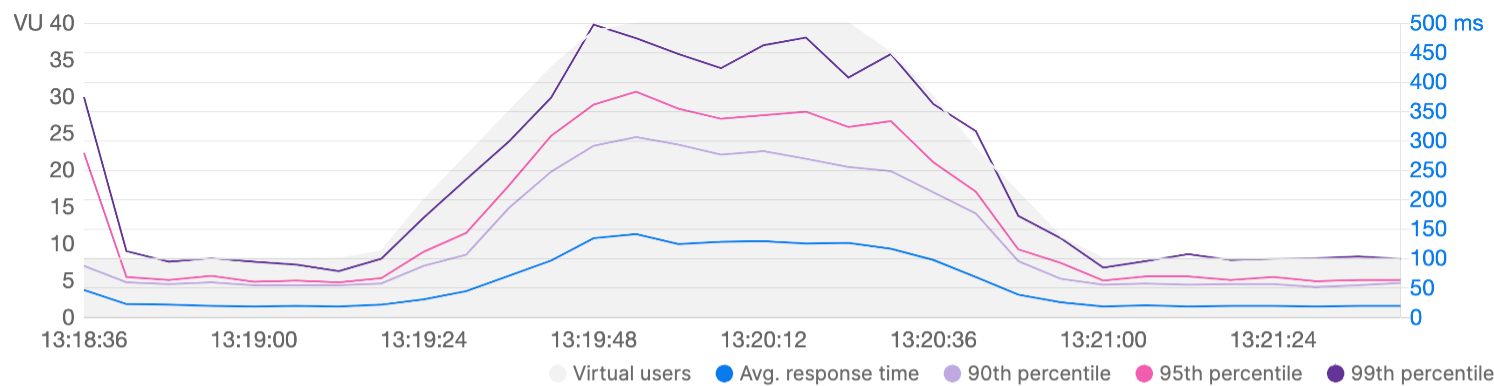
Report exported on: **Jun 1, 2024, 13:21:54 (PDT)**

Test setup

Virtual users	Start time	Load profile
40 VU	Jun 1, 13:18:38 (PDT)	Peak
Duration	End time	Environment
3 minutes	Jun 1, 13:21:45 (PDT)	dev

1. Summary

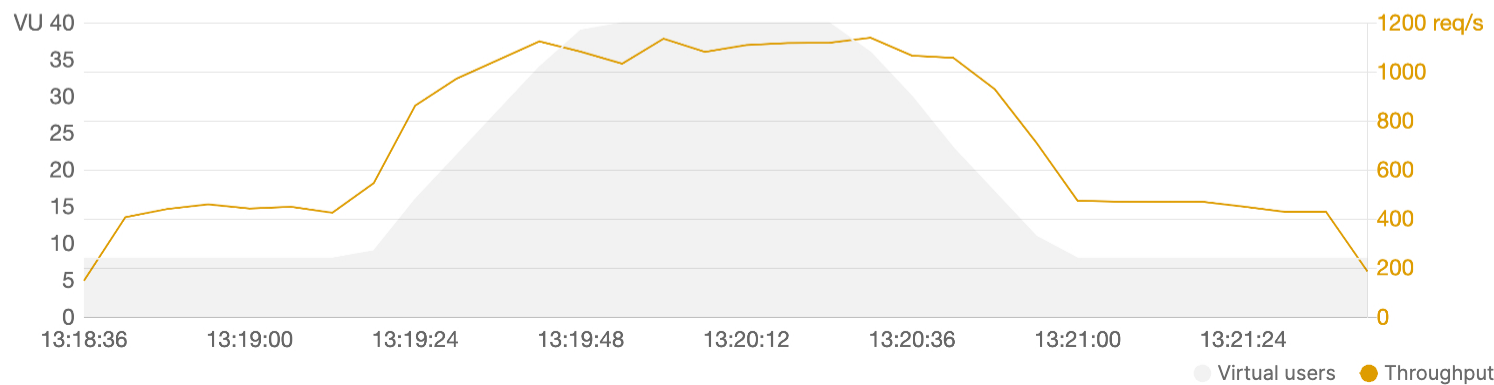| Total requests sent	Throughput	Average response time	Error rate
23,341	124.75 requests/second	76 ms	7.69 %

1.1 Response time

Response time trends during the test duration.

1.2 Throughput

Rate of requests sent per second during the test duration.

1.3 Requests with slowest response times

Top 5 slowest requests based on their average response times.

Request	Resp. time (Avg ms)	90th (ms)	95th (ms)	99th (ms)	Min (ms)	Max (ms)
PATCH :questionId {{host}}/questions/10	156	348	404	493	15	564
PATCH _ {{host}}/profile	139	324	380	472	12	589
GET :queueId/questions {{host}}/queues/7/questions	128	311	387	490	14	561
GET allQuestions/:cid {{host}}/questions/allQuestions/15	120	218	256	321	51	423
GET _ {{host}}/profile	86	208	257	336	6	400

1.4 Requests with most errors

Top 5 requests with the most errors, along with the most frequently occurring errors for each request.

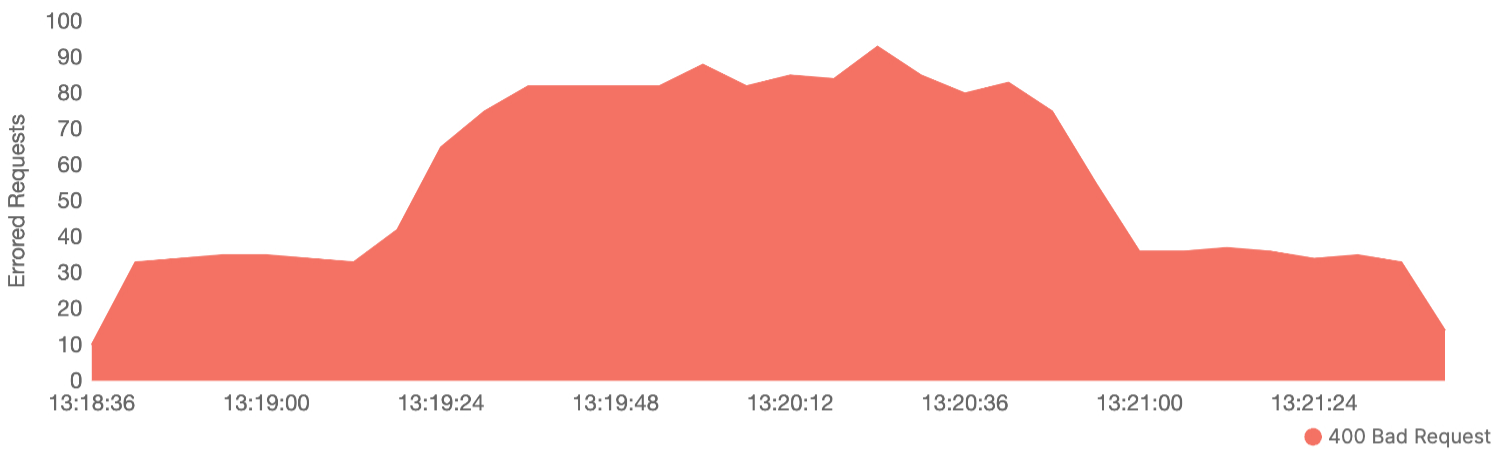| Request	Total error count	Error 1	Error 2	Other errors
POST :c {{host}}/questionType/15	1,795	400 Bad Request (1795)	-	0

2. Metrics for each request

The requests are shown in the order they were sent by virtual users.

POSTMAN

Request	Total requests	Requests/s	Min (ms)	Avg (ms)	90th (ms)	Max (ms)	Error %
GET _ {{host}}/profile	1,799	9.62	6	86	208	400	0
GET :c/id {{host}}/profile/15/id	1,799	9.62	4	45	115	361	0
GET :id/inQueue {{host}}/profile/8/inQueue	1,799	9.62	4	42	108	320	0
PATCH _ {{host}}/profile	1,798	9.61	12	139	324	589	0
GET get_picture/:photoUrl {{host}}/profile/get_picture/10-62p4e905unusrmlppf1il	1,798	9.61	3	33	98	342	0
GET _ {{host}}/semesters	1,798	9.61	2	25	81	240	0
GET :queueId {{host}}/queues/7	1,798	9.61	7	83	212	462	0
GET :queueId/questions {{host}}/queues/7/questions	1,798	9.61	14	128	311	561	0
POST :c {{host}}/questionType/15	1,795	9.59	6	52	133	383	100
GET :c/:queueId {{host}}/questionType/15/7	1,794	9.59	3	27	86	314	0
GET :questionId {{host}}/questions/15	1,790	9.57	4	46	120	358	0
GET allQuestions/:cid {{host}}/questions/allQuestions/15	1,790	9.57	51	120	218	423	0
PATCH :questionId {{host}}/questions/10	1,785	9.54	15	156	348	564	0

3. Errors

3.1 Error distribution over time

Top 5 error classes observed during the test duration.

Y-axis: Errored Requests (0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100)
X-axis: 13:18:36, 13:19:00, 13:19:24, 13:19:48, 13:20:12, 13:20:36, 13:21:00, 13:21:24

● 400 Bad Request

3.2 Error distribution for requests

Errored requests grouped by error class, along with the error count for each class.

Error class	Total counts
400 Bad Request	1795
POST :c	1,795

Testing API performance on Postman

Postman enables you to simulate user traffic and observe how your API behaves under load. It also helps you identify any issues or bottlenecks that affect performance.

Learn more about testing API performance.