Performance Test Report - Jun 13, 2025 (#5)

Open in Postman

Postman collection: Reqres

Report exported on: Jun 13, 2025, 23:38:26 (GMT+6)

Test setup

Virtual users	Start time	Load profile
20 VU	Jun 13, 23:31:49 (GMT+6)	Fixed
Duration	End time	Environment
5 minutes	Jun 13, 23:36:57 (GMT+6)	-

1. Summary

Total requests sent	Throughput	Average response time	Error rate
20,699	67.25 requests/second	110 ms	92.63 %

1.1 Response time

Response time trends during the test duration.

Virtual users • Avg. response time • 90th percentile • 95th percentile • 99th percentile
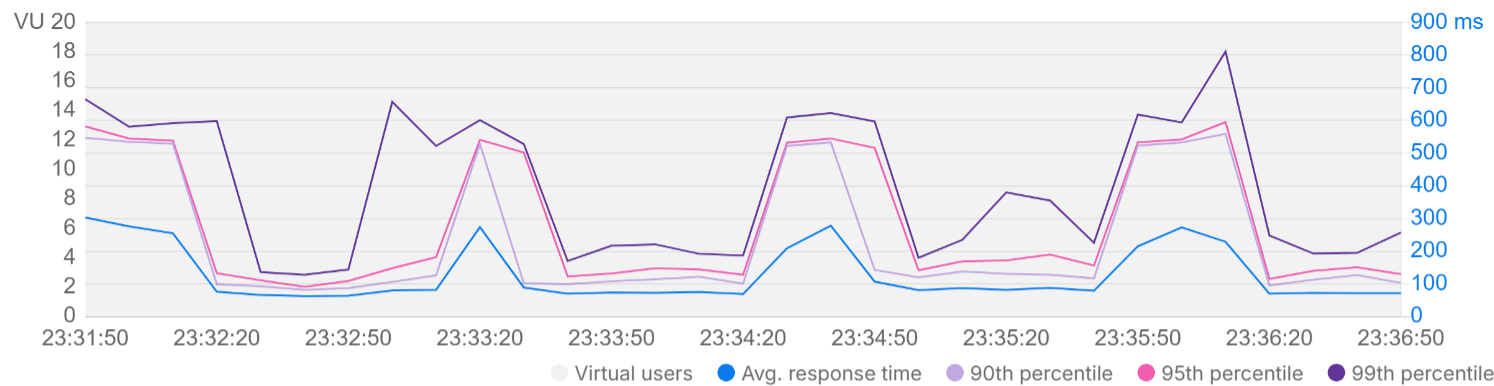
1.2 Throughput

Rate of requests sent per second during the test duration.

Virtual users • Throughput
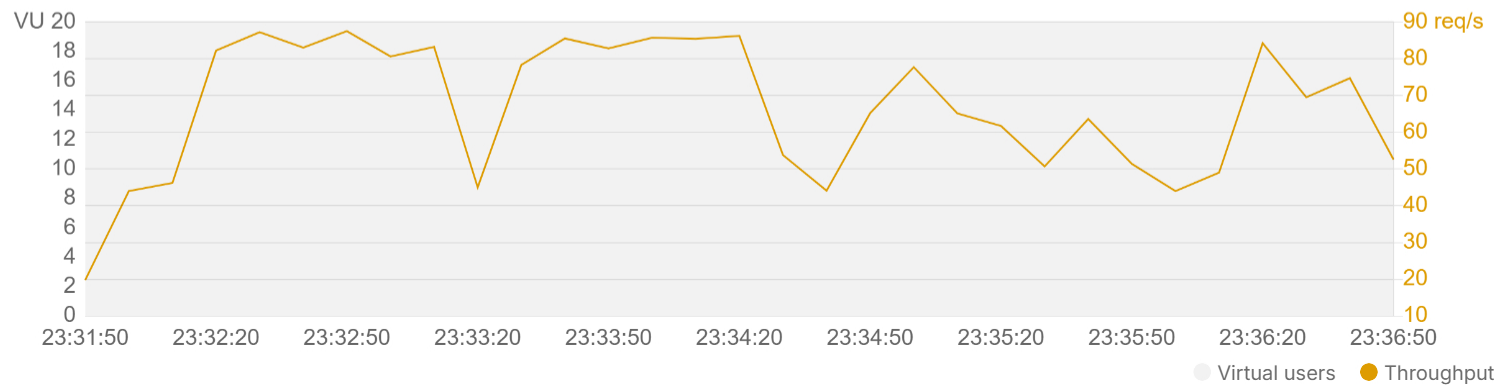
1.3 Requests with slowest response times

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)
POST Register {{base_url}}/register	155	517	529	585	39	817
PUT Update {{base_url}}/users/2	154	517	531	618	38	814
POST Create {{base_url}}/users	153	515	527	602	37	991
PATCH Update {{base_url}}/user/2	152	518	532	585	38	851
DELETE DELETE {{base_url}}/user/2	149	515	529	595	38	861

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
GET Single user not found {{base_url}}/api/users/23	1,889	404 Not Found (338)	429 Too Many Requests (1551)	0
GET Single resource not found {{base_url}}/unknown/23	1,881	404 Not Found (338)	429 Too Many Requests (1543)	0
DELETE DELETE {{base_url}}/user/2	1,871	401 Unauthorized (322)	429 Too Many Requests (1549)	0
PATCH Update {{base_url}}/user/2	1,857	429 Too Many Requests (1857)	-	0
PUT Update {{base_url}}/users/2	1,847	429 Too Many Requests (1847)	-	0

2. Metrics for each request

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

Request	Total requests	Requests/s	Min (ms)	Avg (ms)	90th (ms)	Max (ms)	Error %
GET List user {{base_url}}/users?page=2	1,890	6.14	37	78	123	585	82.17
GET Single user {{base_url}}/users/2	1,890	6.14	31	72	107	973	82.12
GET Single user not found {{base_url}}/api/users/23	1,889	6.14	38	76	112	672	100
GET List Resource {{base_url}}/unknown	1,887	6.13	35	72	107	338	82.25
GET Single resource {{base_url}}/unknown/2	1,886	6.13	33	72	103	1,772	82.13
GET Single resource not found {{base_url}}/unknown/23	1,881	6.11	38	78	112	700	100
POST Create {{base_url}}/users	1,878	6.10	37	153	515	991	96.27
POST Register {{base_url}}/register	1,877	6.10	39	155	517	817	96.64
PUT Update {{base_url}}/users/2	1,876	6.09	38	154	517	814	98.45
PATCH Update {{base_url}}/user/2	1,874	6.09	38	152	518	851	99.09
DELETE DELETE {{base_url}}/user/2	1,871	6.08	38	149	515	861	100

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3. Errors

3.1 Error distribution over time

Top 5 error classes observed during the test duration.
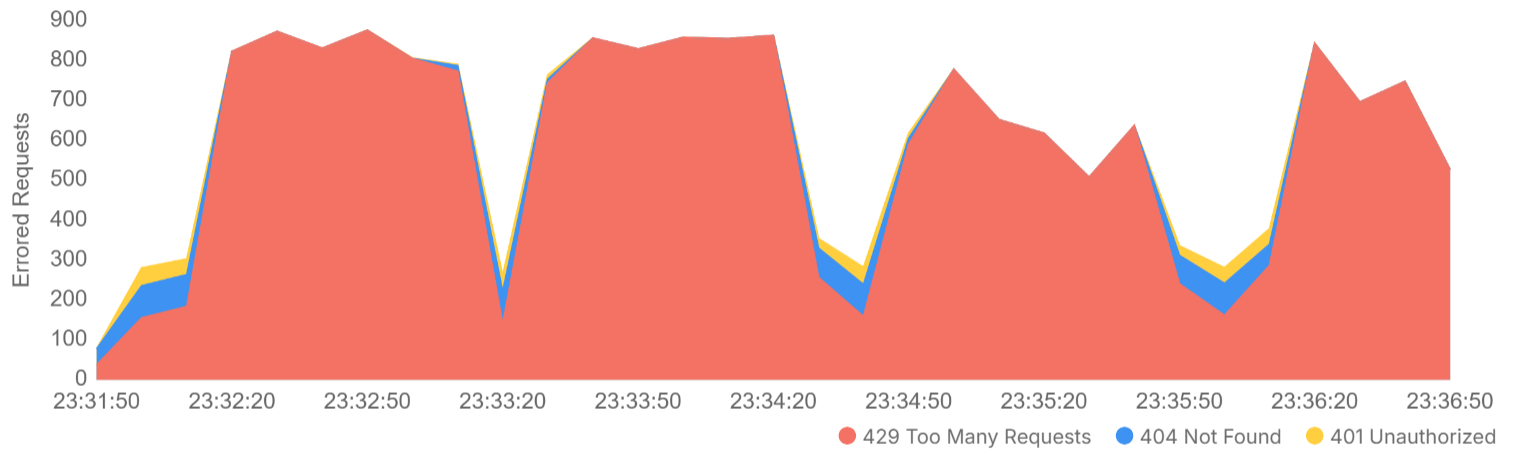
3.2 Error distribution for requests

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

Error class	Total counts
429 Too Many Requests	18175
GET List user	1,553
GET Single user	1,552
GET Single user not found	1,551
GET List Resource	1,552
GET Single resource	1,549
GET Single resource not found	1,543
POST Create	1,808
POST Register	1,814
PUT Update	1,847
PATCH Update	1,857
DELETE DELETE	1,549
404 Not Found	676
GET Single user not found	338
GET Single resource not found	338
401 Unauthorized	322
DELETE DELETE	322

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.