Performance Test Report - Dec 25, 2024 (#4)

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Report exported on: Dec 25, 2024, 22:04:38 (GMT+8)
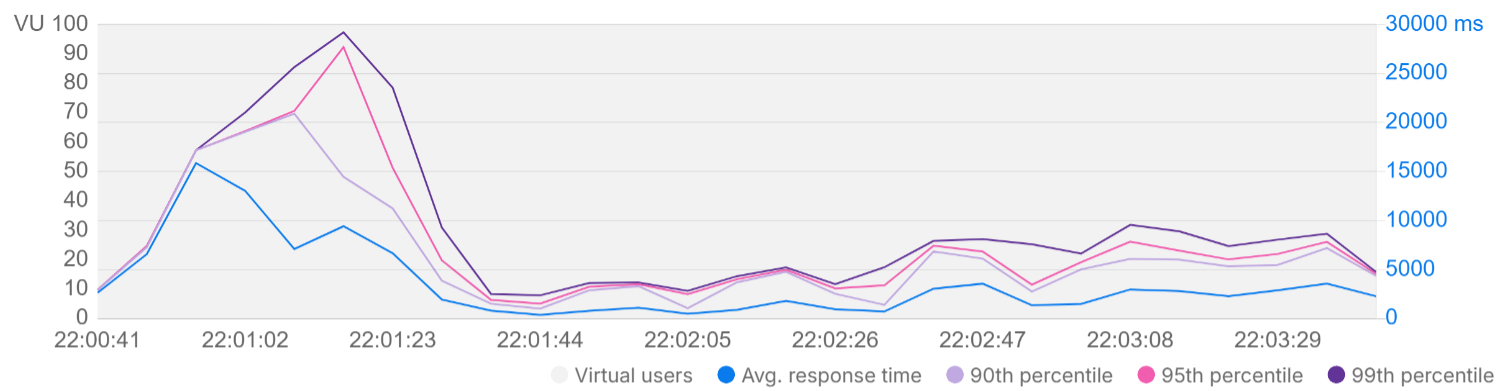
Test setup

Virtual users
100 VU

Start time
Dec 25, 22:00:14 (GMT+8)

Load profile
Fixed

Duration
3 minutes

End time
Dec 25, 22:03:46 (GMT+8)

Environment
New Environment

1. Summary

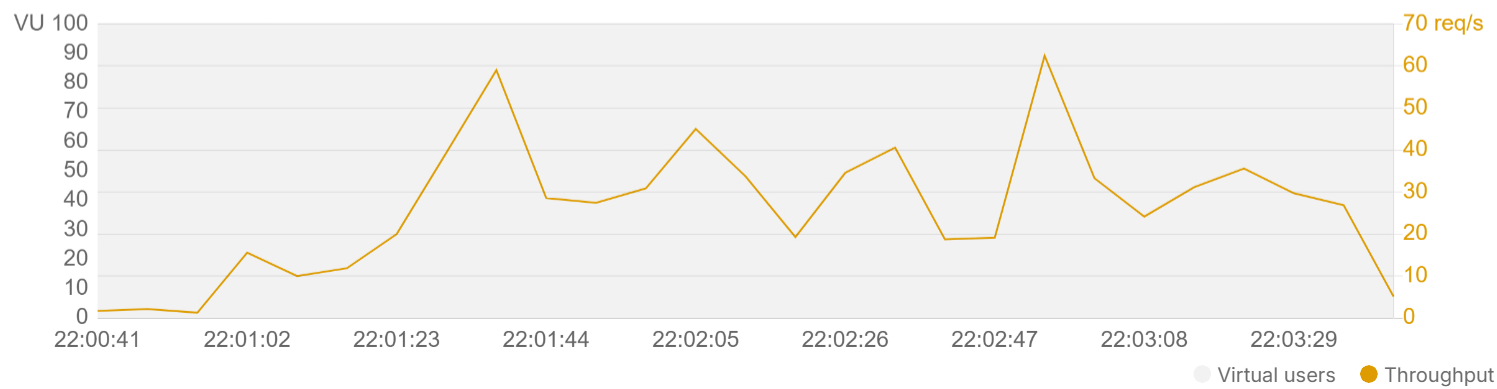| Total requests sent	Throughput	Average response time	Error rate
4,950	23.38 requests/second	2,274 ms	7.68 %

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)
POST register_no_code http://118.89.124.30/register_no_code	7,644	18,142	19,112	28,994	437	34,841
POST login_phone http://118.89.124.30/login_phone	5,740	10,866	15,498	17,753	99	27,690
POST login_username http://118.89.124.30/login_username	5,393	10,041	11,160	15,950	113	17,450
POST insert_record http://118.89.124.30/insert_record	2,423	6,501	7,060	14,293	92	17,970
GET records http://118.89.124.30/records	1,683	4,075	5,294	8,324	84	13,682

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 register_no_code http://118.89.124.30/register_no_code	26	400 Bad Request (25)	502 Bad Gateway (1)	0
POST login_phone http://118.89.124.30/login_phone	25	401 Unauthorized (25)	-	0
POST user/todos http://118.89.124.30/user/todos	25	422 Unprocessable Entity (24)	502 Bad Gateway (1)	0
GET users/top-durations http://118.89.124.30/users/top-durations	25	422 Unprocessable Entity (24)	502 Bad Gateway (1)	0
POST login_username http://118.89.124.30/login_username	24	401 Unauthorized (24)	-	0

2. Metrics for each request

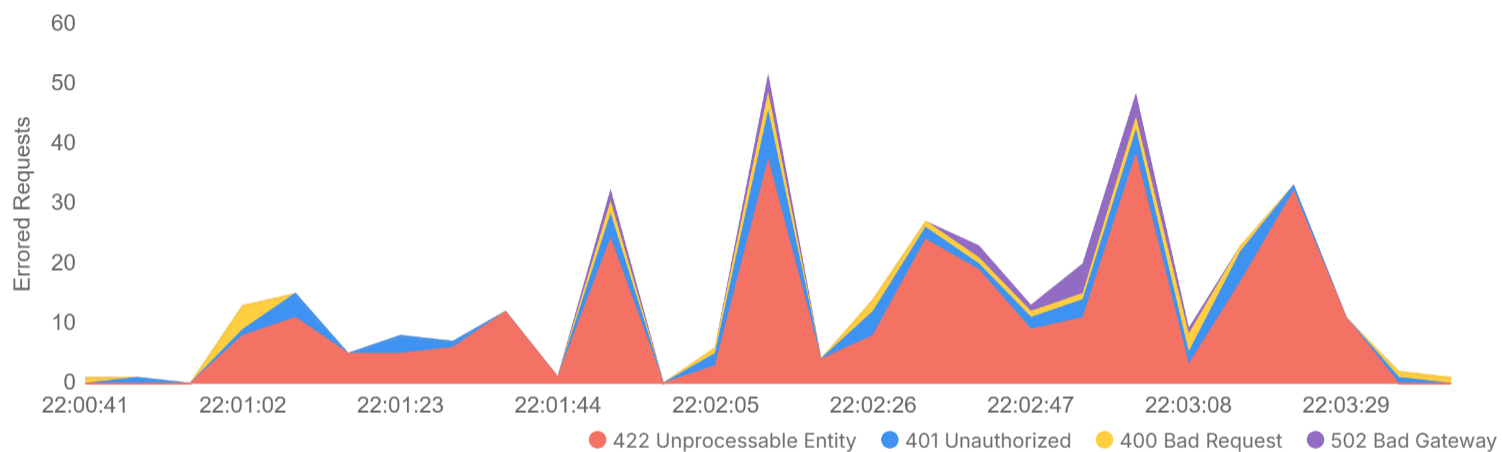The requests are shown in the order they were sent by virtual users.

Request	Total requests	Requests/s	Min (ms)	Avg (ms)	90th (ms)	Max (ms)	Error %
POST register_no_code http://118.89.124.30/register_no_code	345	1.63	437	7,644	18,142	34,841	7.54
POST login_phone http://118.89.124.30/login_phone	334	1.58	99	5,740	10,866	27,690	7.49
POST login_username http://118.89.124.30/login_username	320	1.51	113	5,393	10,041	17,450	7.5
POST insert_record http://118.89.124.30/insert_record	318	1.50	92	2,423	6,501	17,970	7.55

GET records http://118.89.124.30/records	309	1.46	84	1,683	4,075	13,682	7.77
POST post http://118.89.124.30/post	306	1.45	88	1,370	3,457	8,444	7.84
GET user http://118.89.124.30/user	300	1.42	84	1,094	2,777	5,856	8
GET posts http://118.89.124.30/posts	295	1.39	82	950	2,367	6,254	8.14
GET user_info http://118.89.124.30/user_info	292	1.38	82	820	1,902	6,799	8.22
PUT user_info http://118.89.124.30/user_info	288	1.36	87	918	2,298	7,950	8.33
POST user/todos http://118.89.124.30/user/todos	282	1.33	80	764	1,811	6,255	8.87
GET todos http://118.89.124.30/user/todos	270	1.28	0	0	0	0	0
POST post/1/like http://118.89.124.30/post/1/like	267	1.26	74	1,228	3,320	8,347	8.99
GET users/top-durations http://118.89.124.30/users/top-durations	260	1.23	73	1,043	3,069	6,477	9.62
GET post/1/comments http://118.89.124.30/post/1/comments	258	1.22	75	1,265	3,540	7,358	9.3
POST post/1/comment http://118.89.124.30/post/1/comment	255	1.20	70	1,021	2,959	6,590	9.41
GET random_session_data/66 http://8.217.68.60/random_session_data/66	251	1.19	264	559	797	5,017	5.98

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
422 Unprocessable Entity	288
POST insert_record	24
GET records	24
POST post	24
GET user	24
GET posts	24
GET user_info	24
PUT user_info	24
POST user/todos	24
POST post/1/like	24
GET users/top-durations	24
GET post/1/comments	24
POST post/1/comment	24
401 Unauthorized	49
POST login_phone	25
POST login_username	24
400 Bad Request	25
POST register_no_code	25
502 Bad Gateway	18
POST register_no_code	1
POST user/todos	1
GET users/top-durations	1
GET random_session_data/66	15

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.