Performance test report - May 17, 2024 (#11)

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Postman collection: New Collection

Report exported on: May 17, 2024, 14:40:11 (GMT+2)

Test setup

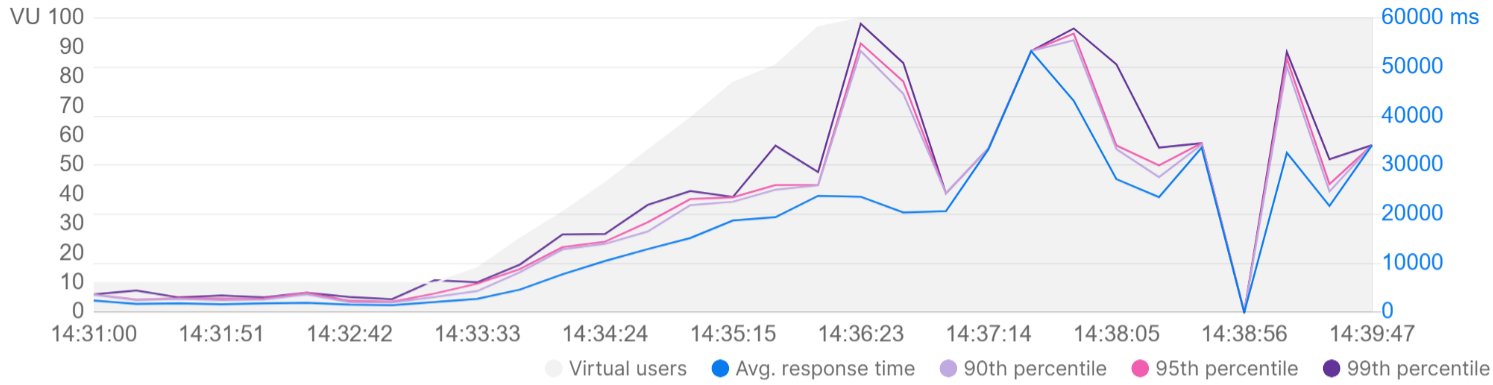
Virtual users 100 VU	Start time May 17, 14:30:58 (GMT+2)	Load profile Ramp up (2 minutes 30 seconds)
Duration 10 minutes (Terminated at 8 minutes 53 seconds)	End time May 17, 14:39:51 (GMT+2)	Environment -

1. Summary

Total requests sent	Throughput	Average response time	Error rate
1,688	3.17 requests/second	13,821 ms	14.57 %

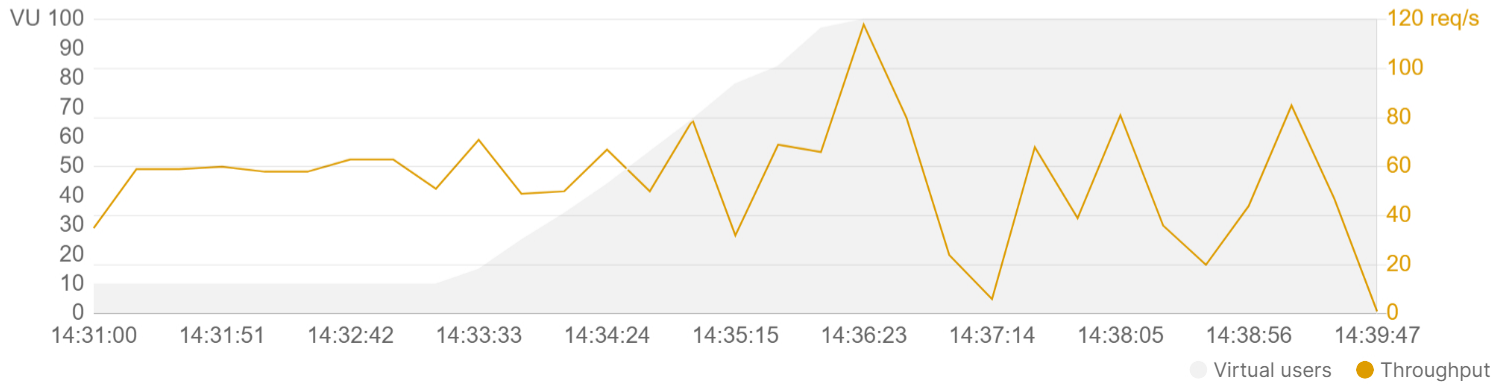
1.1 Response time

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 New Request application-and-web-server-LB-570742999.eu-north-1.elb.amazonaws.com:8000/process-image	13,821	35,545	46,772	54,328	143	60,242

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 New Request application-and-web-server-LB-570742999.eu-north-1.elb.amazonaws.com:8000/process-image	246	ECONNRESET (33)	ESOCKETTIMEDOUT (115)	1

2. Metrics for each request

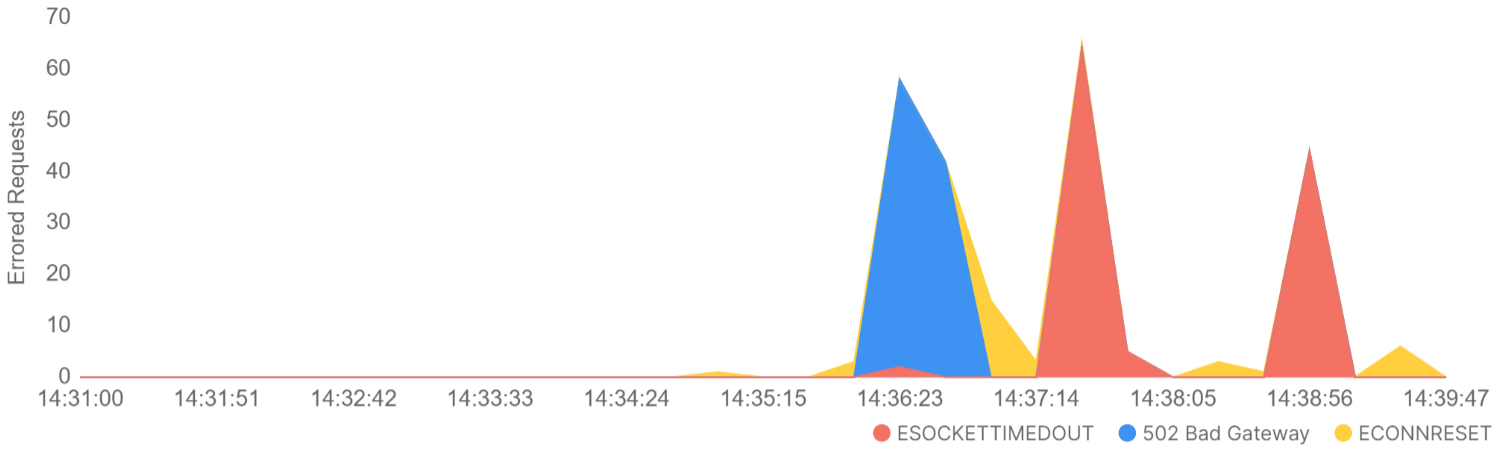
The requests are shown in the order they were sent by virtual users.

Request	Total requests	Requests/s	Min (ms)	Avg (ms)	90th (ms)	Max (ms)	Error %
POST New Request application-and-web-server-LB-570742999.eu-north-1.elb.amazonaws.com:8000/process-image	1,688	3.17	143	13,821	35,545	60,242	14.57

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
ESOCKETTIMEDOUT	115
POST New Request	115
502 Bad Gateway	98
POST New Request	98
ECONNRESET	33
POST New Request	33

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.