Performance test report – May 17, 2024 (#13)

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Postman collection: New Collection

Report exported on: May 17, 2024, 15:00:31 (GMT+2)
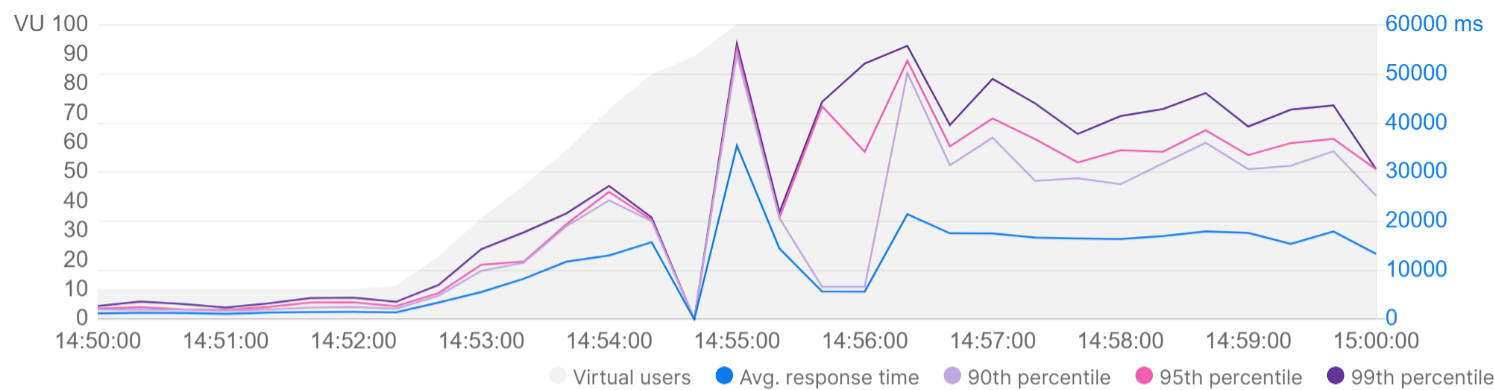
Test setup

Virtual users	**Start time**	**Load profile**
100 VU	May 17, 14:49:56 (GMT+2)	Ramp up (2 minutes 30 seconds)
Duration	**End time**	**Environment**
10 minutes	May 17, 15:00:05 (GMT+2)	-

1. Summary

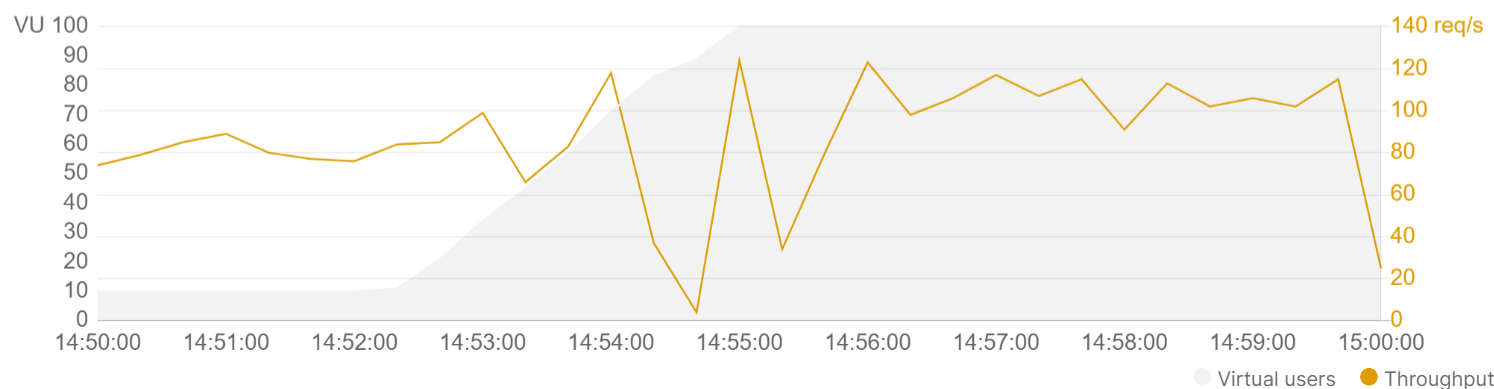| Total requests sent	Throughput	Average response time	Error rate
2,694	4.43 requests/second	11,846 ms	8.24 %

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	11,846	29,966	38,605	52,576	81	57,142

1.4 Requests with most errors

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

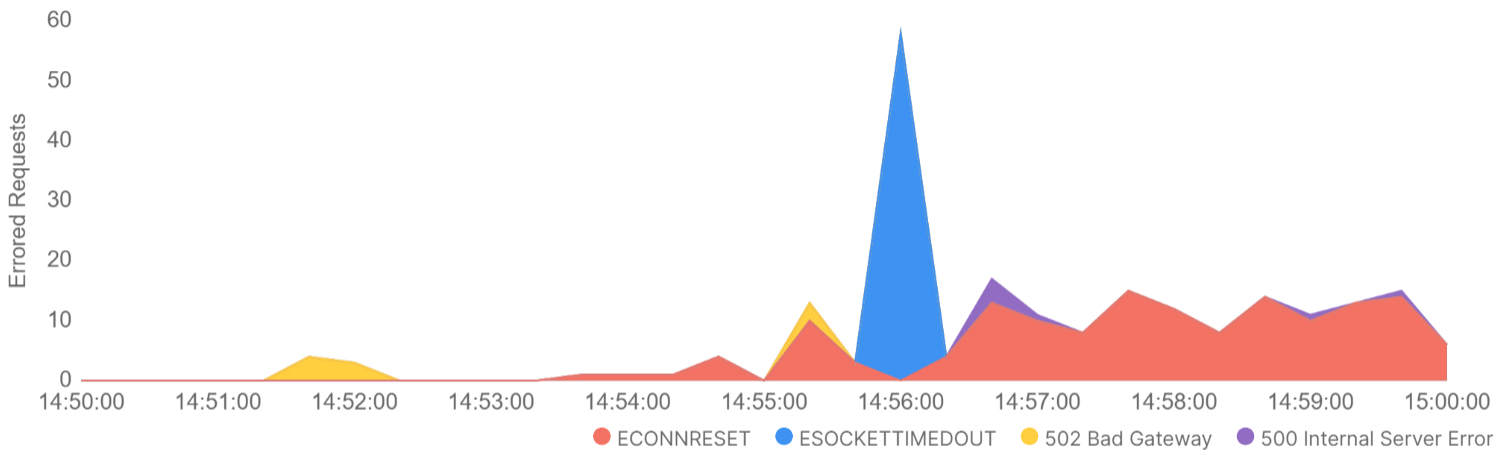| Request	Total error count	Error 1	Error 2	Other errors
POST New Request application-and-web-server-LB-570742999.eu-north-1.elb.amazonaws.com:8000/process-image	222	502 Bad Gateway (10)	ECONNRESET (147)	2

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	2,694	4.43	81	11,846	29,966	57,142	8.24

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
ECONNRESET	147
POST New Request	147
ESOCKETTIMEDOUT	58
POST New Request	58
502 Bad Gateway	10
POST New Request	10
500 Internal Server Error	7
POST New Request	7

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.