Performance test report - May 17, 2024 (#14)

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Postman collection: New Collection

Report exported on: May 17, 2024, 15:15:16 (GMT+2)
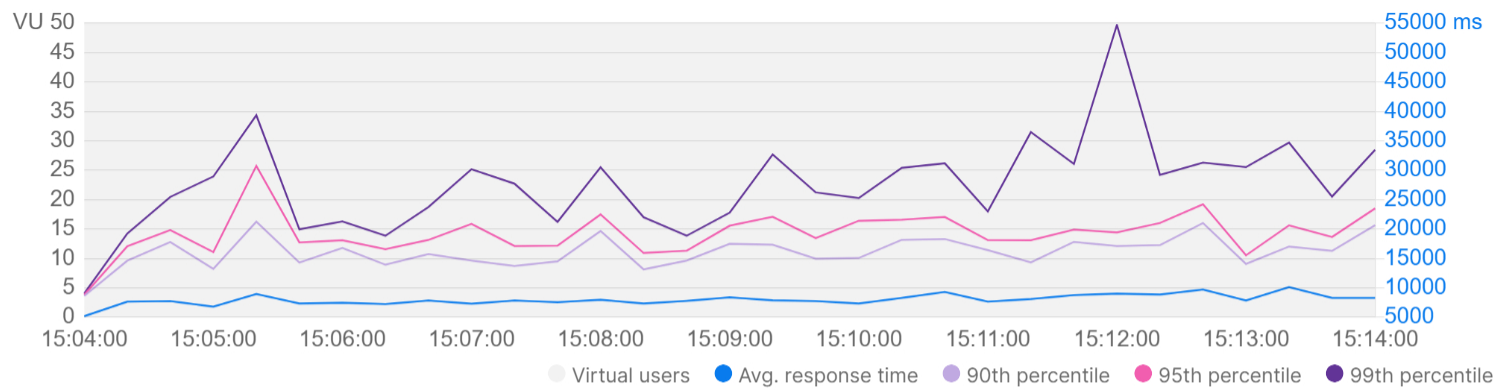
Test setup

Virtual users	**Start time**	**Load profile**
50 VU	May 17, 15:04:05 (GMT+2)	Fixed
Duration	**End time**	**Environment**
10 minutes	May 17, 15:14:13 (GMT+2)	-

1. Summary

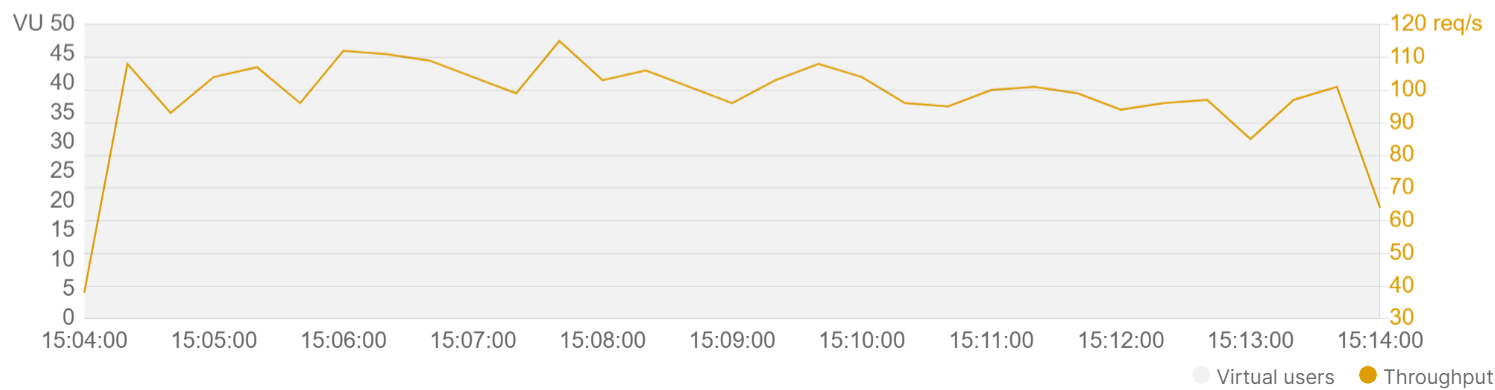|			
Total requests sent	**Throughput**	**Average response time**	**Error rate**
3,042	5.00 requests/second	8,046 ms	5.29 %

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	8,046	15,925	19,439	28,875	124	54,715

1.4 Requests with most errors

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

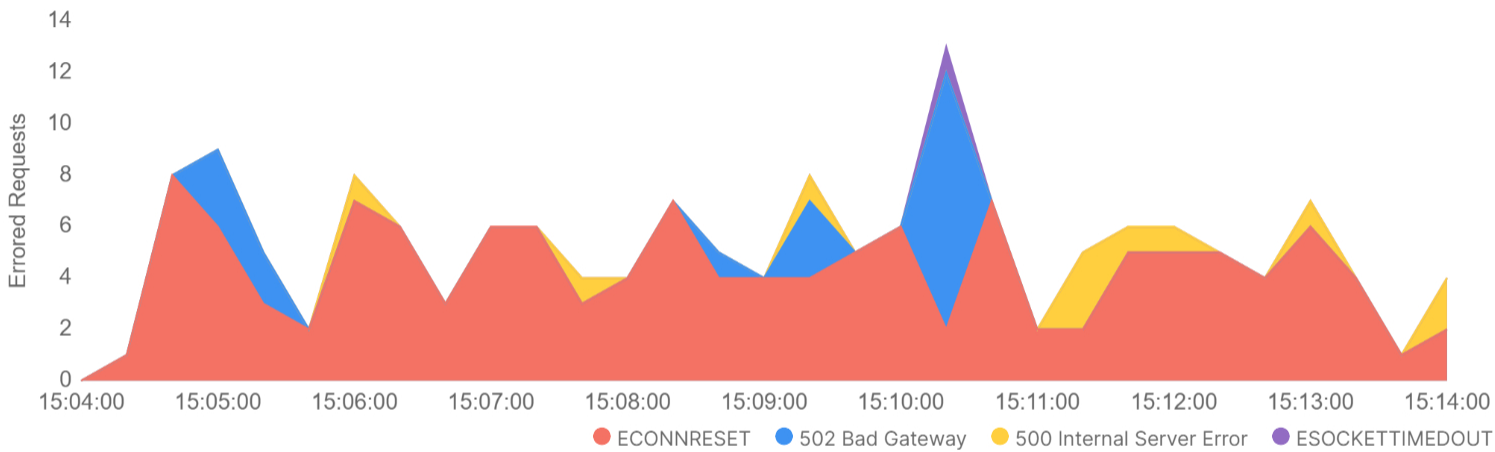| Request	Total error count	Error 1	Error 2	Other errors
POST New Request application-and-web-server-LB-570742999.eu-north-1.elb.amazonaws.com:8000/process-image	161	ECONNRESET (130)	502 Bad Gateway (19)	2

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	3,042	5.00	124	8,046	15,925	54,715	5.29

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	130
POST New Request	130
502 Bad Gateway	19
POST New Request	19
500 Internal Server Error	11
POST New Request	11
ESOCKETTIMEDOUT	1
POST New Request	1

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.

POSTMAN