Performance test report - Oct 14, 2024 (#6)

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Postman collection: Transaction Management API

Report exported on: Oct 14, 2024, 23:50:12 (GMT-3)

Test setup

Virtual users	Start time	Load profile
100 VU	Oct 14, 23:38:44 (GMT-3)	Fixed

Duration	End time	Environment
5 minutes	Oct 14, 23:43:51 (GMT-3)	Test

1. Summary

Total requests sent	Throughput	Average response time	Error rate
73,711	240.26 requests/second	2 ms	0.00 %

1.1 Response time

Response time trends during the test duration.

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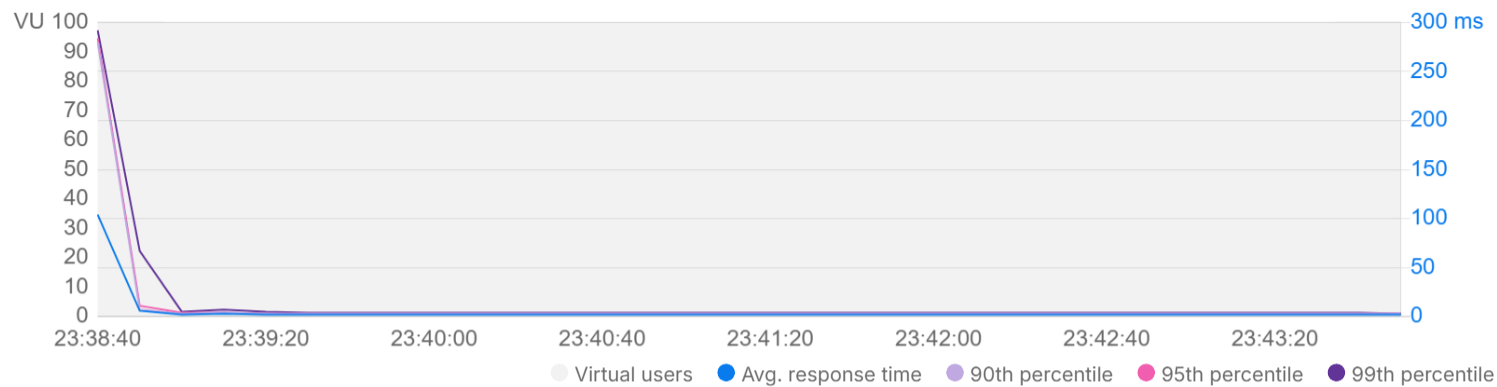
1.2 Throughput

Rate of requests sent per second during the test duration.

Virtual users ● Throughput

POSTMAN

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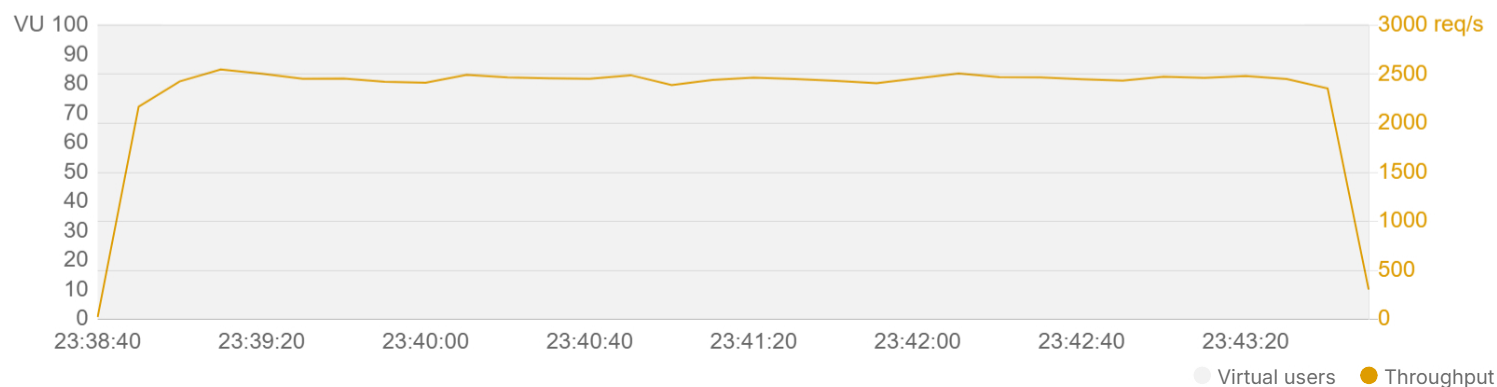
1.3 Requests with slowest response times

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)
GET Convert Currency for Existing Transaction {{baseUrl}}/transactions/exchange?transactionId=c7d10eac-ed88-403e-b8fd-14c477ce96b1&targetCurrency=Brazil-Real	3	3	4	5	1	239
POST Create a New Transaction {{baseUrl}}/transactions/create	2	2	3	6	1	603
GET Retrieve All Transactions {{baseUrl}}/transactions/all	2	2	3	4	1	292

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 Create a New Transaction {{baseUrl}}/transactions/create	24,573	80.10	1	2	2	603	0
GET Convert Currency for Existing Transaction {{baseUrl}}/transactions/exchange?transactionId=c7d10eac-ed88-403e-b8fd-14c477ce96b1&targetCurrency=Brazil-Real	24,571	80.09	1	3	3	239	0
GET Retrieve All Transactions {{baseUrl}}/transactions/all	24,567	80.08	1	2	2	292	0

3. Errors

This run has no errors

All requests were sent successfully and returned a 2xx response code.

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.