

Postman collection: Transaction Management API

Report exported on: Oct 14, 2024, 23:59:47 (GMT-3)

Test setup

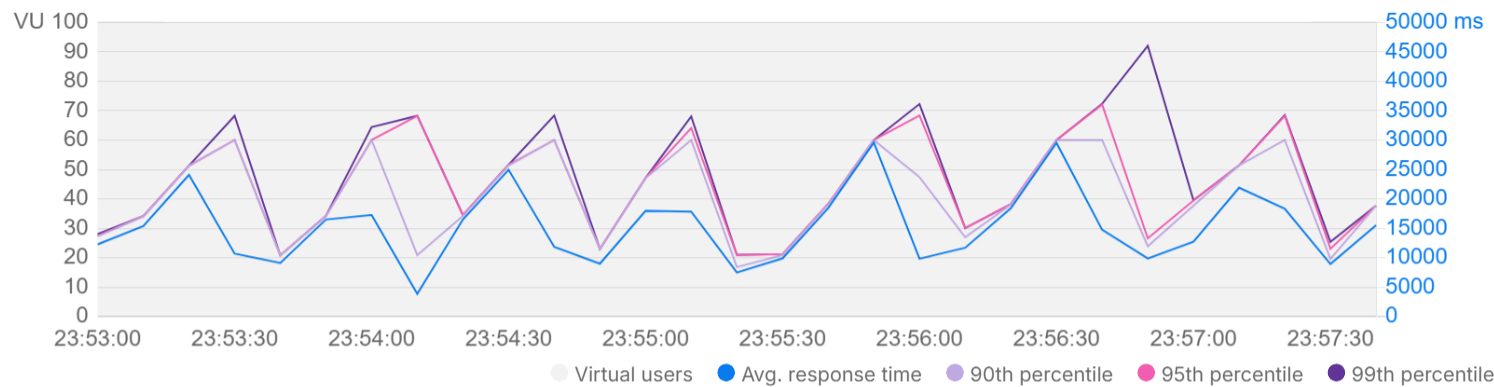
Virtual users	Start time	Load profile
100 VU	Oct 14, 23:52:44 (GMT-3)	Fixed
Duration	End time	Environment
5 minutes	Oct 14, 23:57:51 (GMT-3)	Test

1. Summary

Total requests sent	Throughput	Average response time	Error rate
2,054	6.69 requests/second	13,595 ms	35.64 %

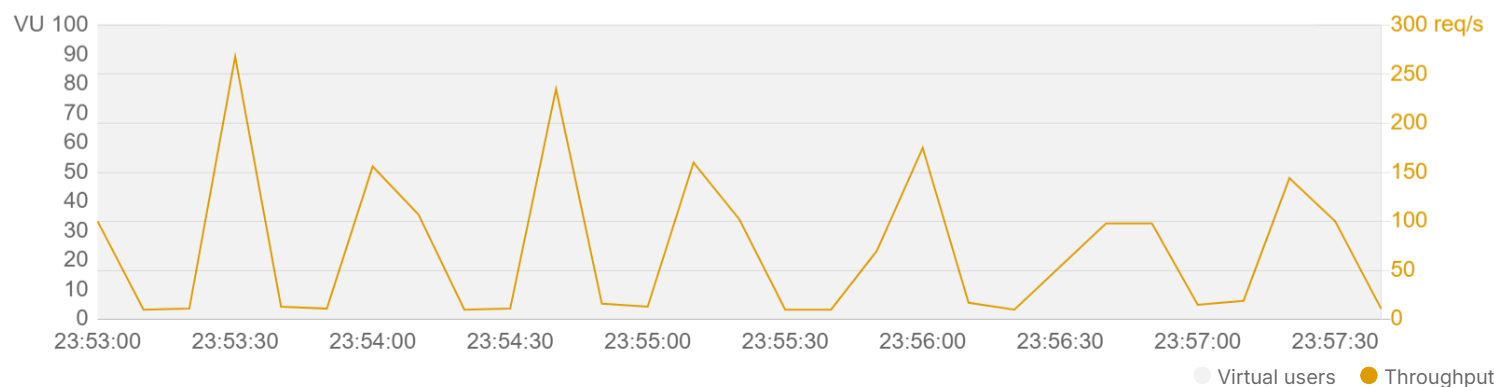
1.1 Response time

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)
<b>GET</b> Convert Currency for Existing Transaction {{baseUrl}}/transactions/exchange? transactionId=5de8e101-e918-42ca-8056- f3aac9d56565&targetCurrency=Brazil-Real	25,628	32,059	34,150	36,121	8,539	46,037
<b>GET</b> Retrieve All Transactions {{baseUrl}}/transactions/all	7,877	23,677	25,577	30,012	3	30,022
<b>POST</b> Create a New Transaction {{baseUrl}}/transactions/create	7,796	13,442	30,005	30,016	2	30,018

### 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
<b>GET</b> Convert Currency for Existing Transaction {{baseUrl}}/transactions/exchange?transactionId=5de8e101-e918-42ca-8056-f3aac9d56565&targetCurrency=Brazil-Real	665	500 Internal Server Error (665)	-	0
<b>POST</b> Create a New Transaction {{baseUrl}}/transactions/create	43	500 Internal Server Error (43)	-	0
<b>GET</b> Retrieve All Transactions {{baseUrl}}/transactions/all	24	500 Internal Server Error (24)	-	0

## 2. Metrics for each request

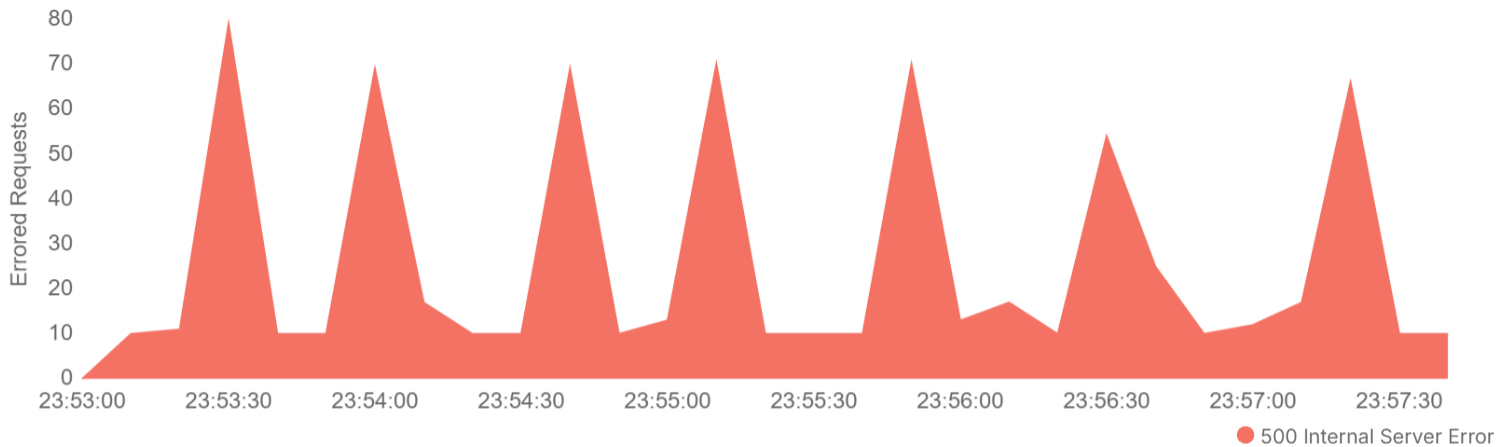
The requests are shown in the order they were sent by virtual users.

Request	Total requests	Requests/s	Min (ms)	Avg (ms)	90th (ms)	Max (ms)	Error %
<b>POST</b> Create a New Transaction {{baseUrl}}/transactions/create	737	2.40	2	7,796	13,442	30,018	5.83
<b>GET</b> Convert Currency for Existing Transaction {{baseUrl}}/transactions/exchange? transactionId=5de8e101-e918-42ca-8056-f3aac9d56565&targetCurrency=Brazil-Real	665	2.17	8,539	25,628	32,059	46,037	100
<b>GET</b> Retrieve All Transactions {{baseUrl}}/transactions/all	652	2.12	3	7,877	23,677	30,022	3.68

## 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
500 Internal Server Error	732
<b>POST</b> Create a New Transaction	43
<b>GET</b> Convert Currency for Existing Transaction	665
<b>GET</b> Retrieve All Transactions	24



### 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](#).