

Postman collection: roman-numeral-converter

Report exported on: Jul 10, 2024, 16:50:57 (MDT)

Test setup

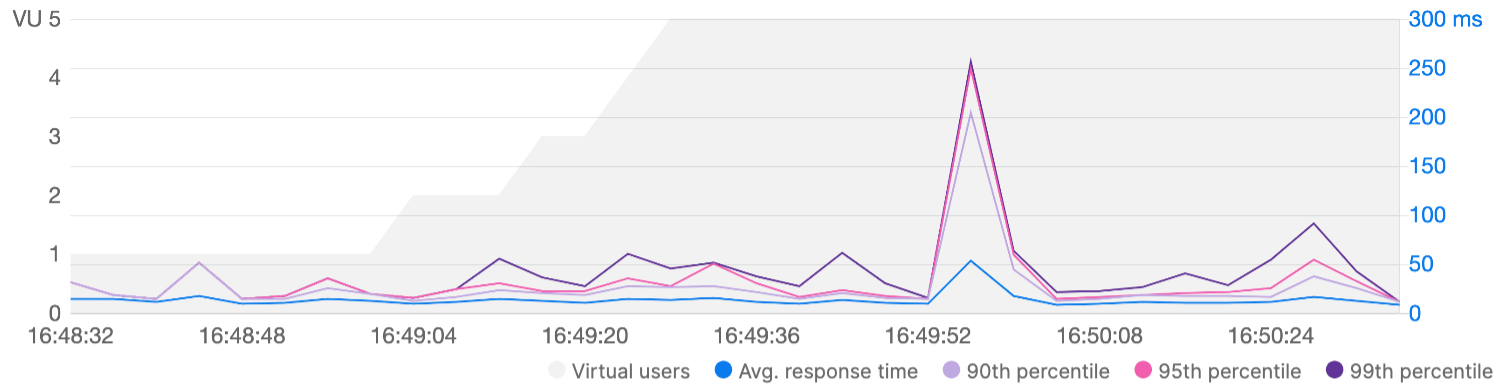
Virtual users	Start time	Load profile
5 VU	Jul 10, 16:48:29 (MDT)	Ramp up (30 seconds)
Duration	End time	Environment
2 minutes	Jul 10, 16:50:37 (MDT)	-

1. Summary

Total requests sent	Throughput	Average response time	Error rate
884	6.95 requests/second	14 ms	50.00 %

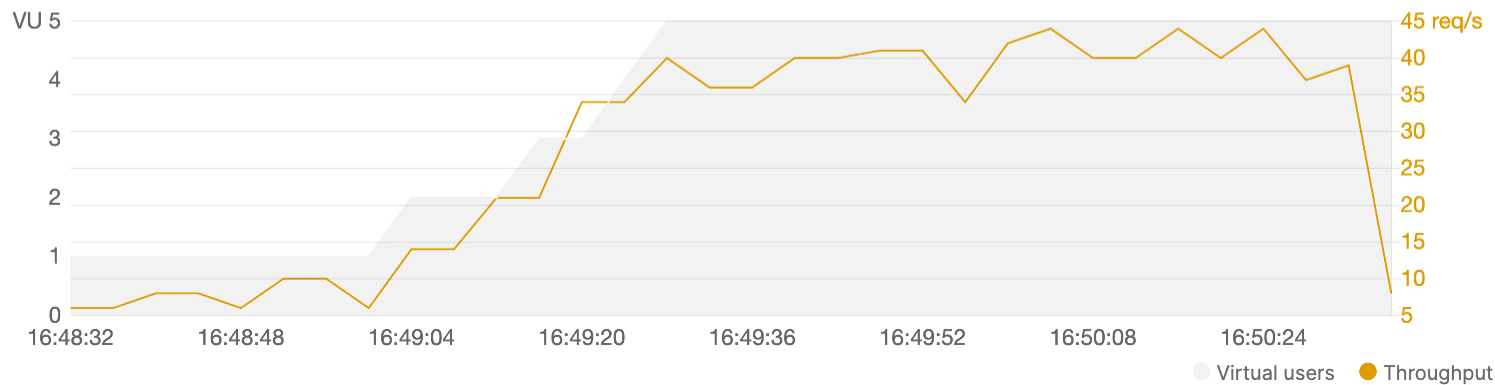
1.1 Response time

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)
GET Error Flow http://localhost:8080/romannumeral?query=asdsa	16	27	38	92	6	250
GET Happy Day Flow http://localhost:8080/romannumeral?query=55	12	18	26	56	6	257

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
GET Error Flow http://localhost:8080/romannumeral?query=asdsa	442	400 Bad Request (442)	-	0

2. Metrics for each request

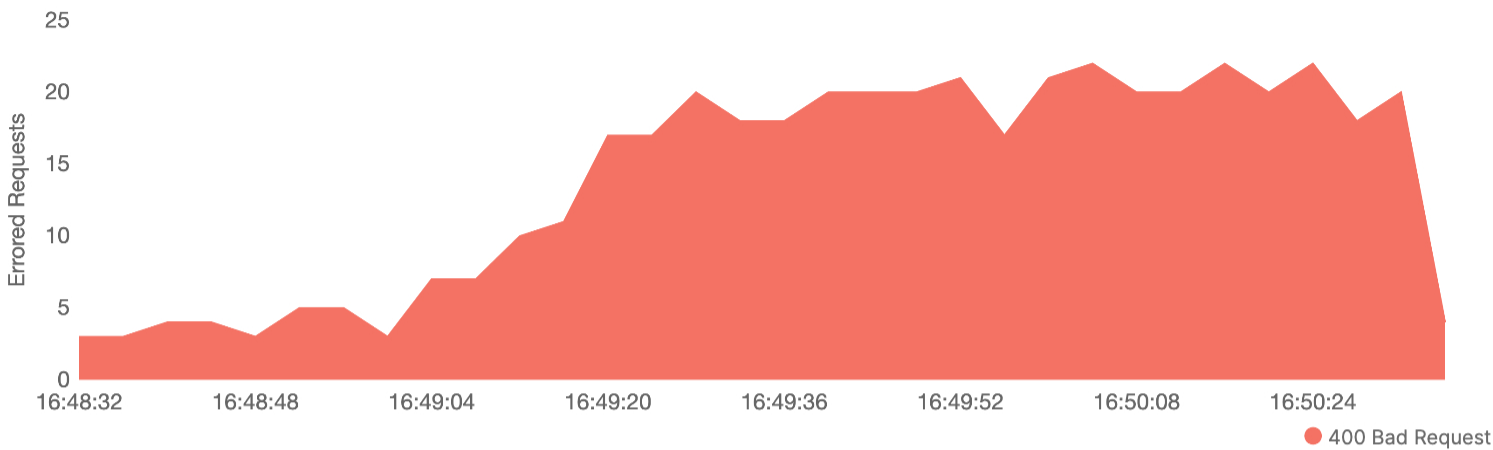
The requests are shown in the order they were sent by virtual users.

Request	Total requests	Requests/s	Min (ms)	Avg (ms)	90th (ms)	Max (ms)	Error %
GET Happy Day Flow http://localhost:8080/romannumeral?query=55	442	3.48	6	12	18	257	0
GET Error Flow http://localhost:8080/romannumeral?query=asdsa	442	3.48	6	16	27	250	100

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
400 Bad Request	442
GET Error Flow	442



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](#).