

Performance test report - Dec 2, 2023 (#37)

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Postman collection: distance-calculator-api

Report exported on: Dec 2, 2023, 3:19:51 (GMT-3)

Test setup

Virtual users
50 VU

Duration
1 minute

Start time
Dec 2, 3:17:31 (GMT-3)

End time
Dec 2, 3:18:39 (GMT-3)

Load profile
Fixed

Environment
-

1. Summary

Total requests sent
2,871

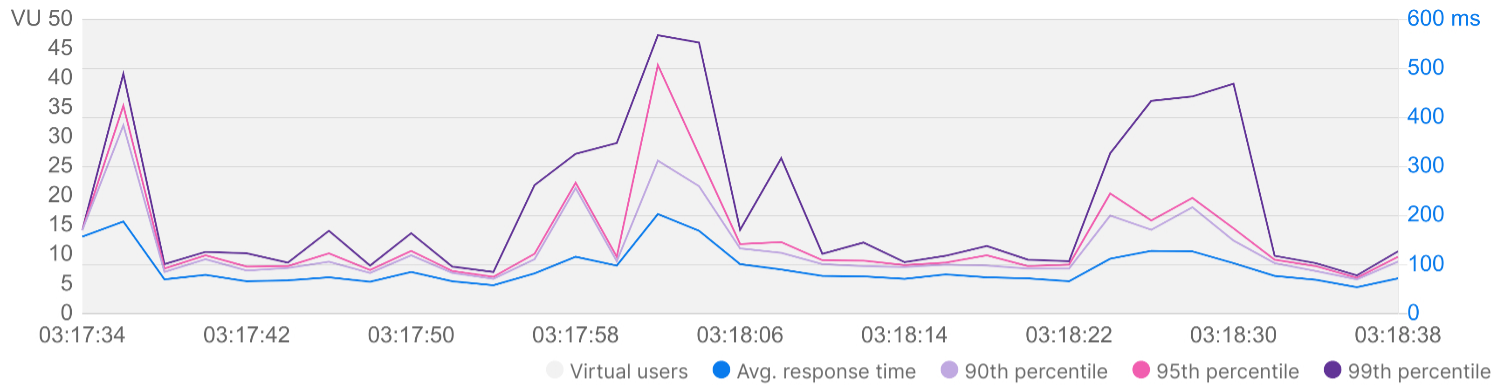
Throughput
42.45 requests/second

Average response time
92 ms

Error rate
0.00 %

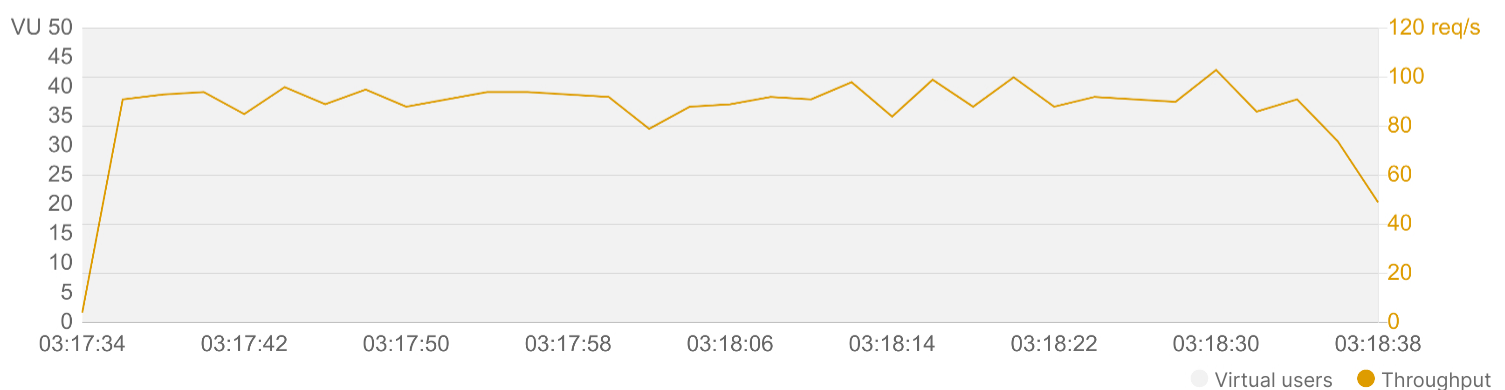
1.1 Response time

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 CalculateRestaurant http://localhost:8000/distance-calculator-api/calculate/restaurants?lat={{\$randomLatitude}}&long={{\$randomLongitude}}	92	140	192	344	38	568

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 CalculateRestaurant http://localhost:8000/distance-calculator-api/calculate/restaurants?lat={{\$randomLatitude}}&long={{\$randomLongitude}}	2,871	42.45	38	92	140	568	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](#).