

# Performance test report - Jun 4, 2024 (#7)

Open in Postman

Postman collection: Stress Test  
Report exported on: Jun 4, 2024, 11:52:29 (GMT+8)

## Test setup

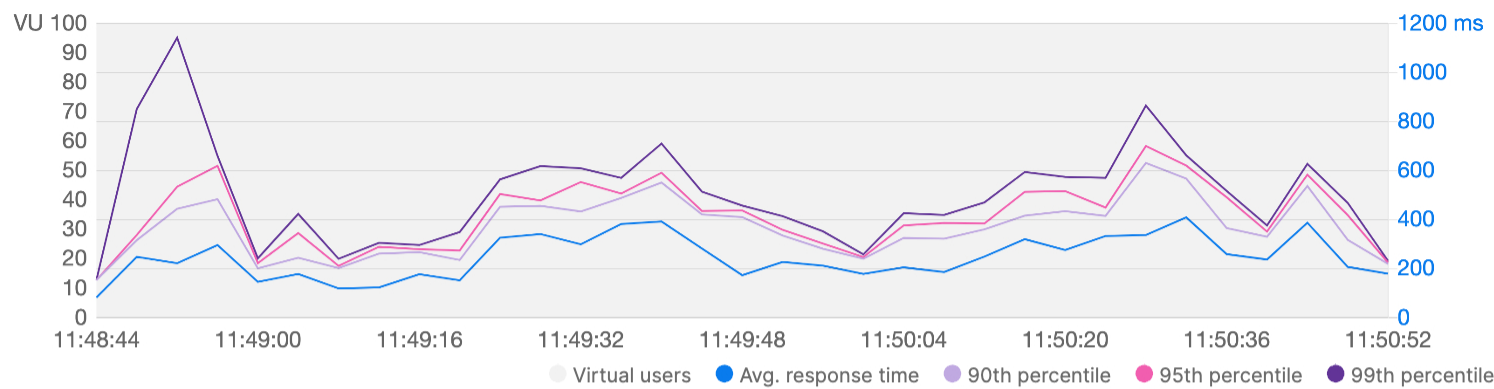
Virtual users	Start time	Load profile
100 VU	Jun 4, 11:48:45 (GMT+8)	Fixed
Duration	End time	Environment
2 minutes	Jun 4, 11:50:52 (GMT+8)	-

## 1. Summary

Total requests sent	Throughput	Average response time	Error rate
24,522	192.24 requests/second	240 ms	0.00 %

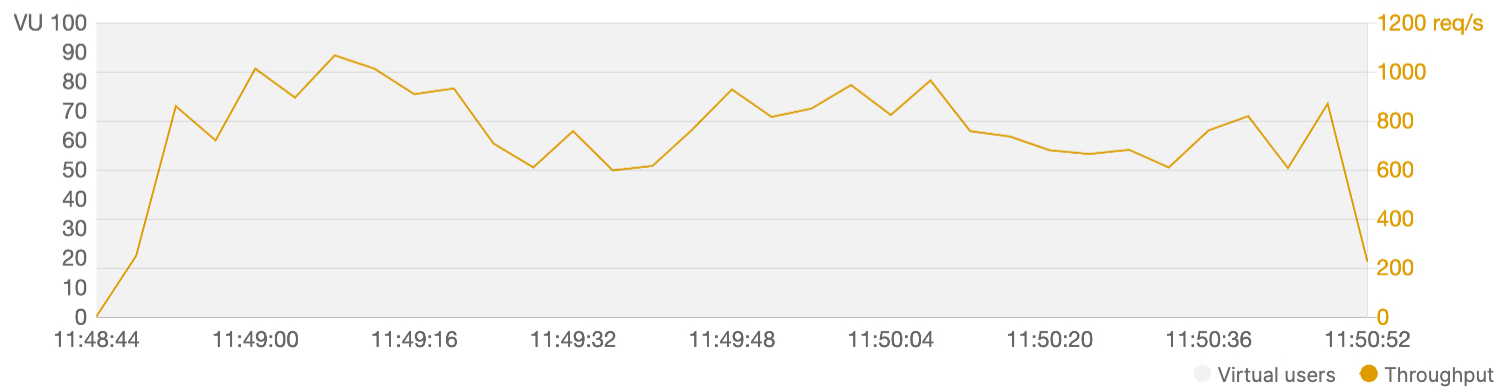
### 1.1 Response time

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)
<b>GET</b> Get Station lines http://localhost:3000/lines/station/Gangxia? stationName=Gangxia	246	432	506	728	4	1,562
<b>GET</b> Get all rides http://localhost:3000/stations	239	405	462	590	5	969
<b>GET</b> Get line from station http://localhost:3000/stations	239	401	464	616	6	943
<b>GET</b> Get All Stations http://localhost:3000/stations	238	404	471	584	5	1,438

### 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> Get Station lines http://localhost:3000/lines/station/Gangxia? stationName=Gangxia	1	ECONNRESET (1)	-	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 %
<span>GET</span> Get Station lines http://localhost:3000/lines/station/Gangxia?stationName=Gangxia	6,148	48.20	4	246	432	1,562	0.02
<span>GET</span> Get All Stations http://localhost:3000/stations	6,140	48.14	5	238	404	1,438	0
<span>GET</span> Get all rides http://localhost:3000/stations	6,122	47.99	5	239	405	969	0
<span>GET</span> Get line from station http://localhost:3000/stations	6,112	47.92	6	239	401	943	0

## 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	1
<span>GET</span> Get Station lines	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](#).