

# Performance test report - Jun 30, 2024 (#47)

Open in Postman

Postman collection: MasterThesisOriginal  
Report exported on: Jun 30, 2024, 18:34:46 (GMT+1)

## Test setup

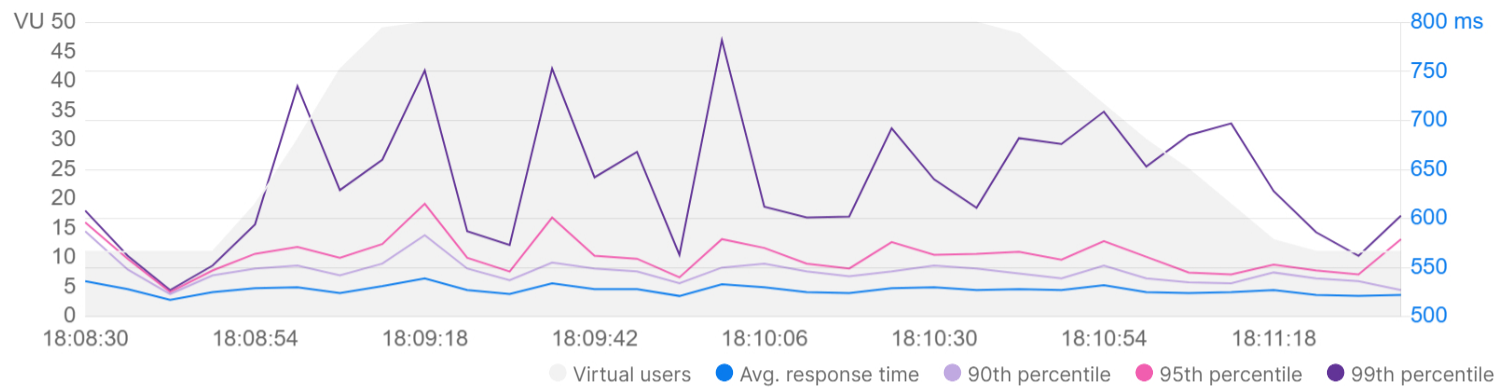
Virtual users	Start time	Load profile
50 VU	Jun 30, 18:08:29 (GMT+1)	Peak
Duration	End time	Environment
3 minutes	Jun 30, 18:11:39 (GMT+1)	-

## 1. Summary

Total requests sent	Throughput	Average response time	Error rate
10,560	55.83 requests/second	528 ms	0.00 %

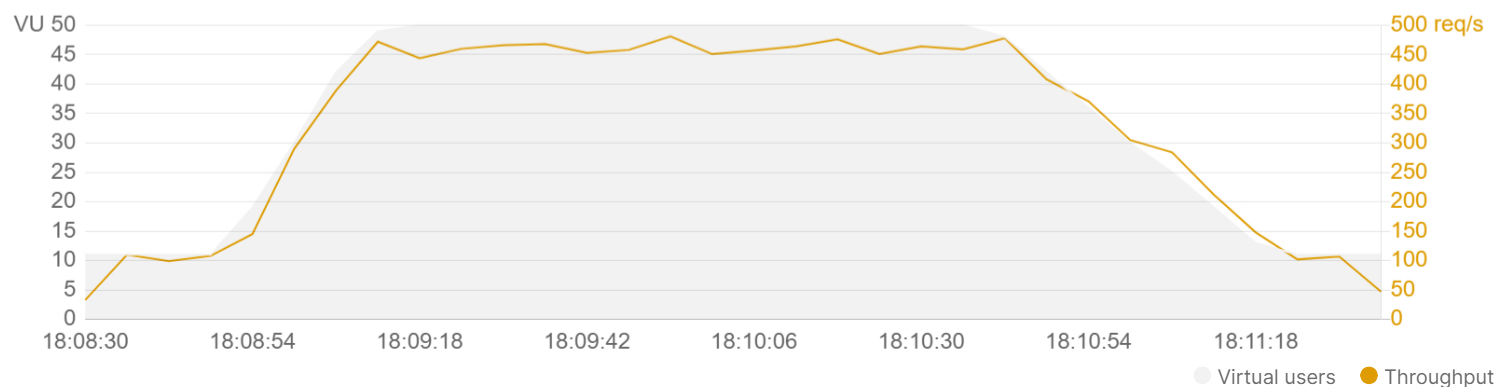
### 1.1 Response time

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>POST</b> 4- /api/checkout Copy 2 http://{{IP}}:{{PORT}}/api/checkout	553	573	592	672	529	814
<b>POST</b> 4- /api/checkout http://{{IP}}:{{PORT}}/api/checkout	551	570	583	629	528	755
<b>POST</b> 4- /api/checkout Copy http://{{IP}}:{{PORT}}/api/checkout	550	573	581	637	528	714
<b>GET</b> 28- /api/recommendations? productId=L9ECAV7KIM http://{{IP}}:{{PORT}}/api/recommendations? L9ECAV7KIM	549	615	676	789	518	799
<b>GET</b> 24- /api/recommendations? productId=66VCHSJNUP http://{{IP}}:{{PORT}}/api/recommendations? productId=66VCHSJNUP	546	593	648	757	519	789

## 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>GET</b> 1- / http://{{IP}}:{{PORT}}/	342	1.81	519	535	553	608	0
<b>GET</b> 2- /api/cart http://{{IP}}:{{PORT}}/api/cart	334	1.77	509	517	524	559	0
<b>POST</b> 3- /api/cart http://{{IP}}:{{PORT}}/api/cart	310	1.64	512	522	533	576	0

<b>POST</b> 3- /api/cart Copy http://{{IP}}:{{PORT}}/api/cart	302	1.60	511	521	533	561	0
<b>POST</b> 4- /api/checkout http://{{IP}}:{{PORT}}/api/checkout	302	1.60	528	551	570	755	0
<b>POST</b> 3- /api/cart Copy 2 http://{{IP}}:{{PORT}}/api/cart	302	1.60	511	521	529	576	0
<b>POST</b> 3- /api/cart Copy 3 http://{{IP}}:{{PORT}}/api/cart	302	1.60	511	522	530	609	0
<b>POST</b> 4- /api/checkout Copy http://{{IP}}:{{PORT}}/api/checkout	302	1.60	528	550	573	714	0
<b>POST</b> 3- /api/cart Copy 4 http://{{IP}}:{{PORT}}/api/cart	302	1.60	512	522	532	611	0
<b>POST</b> 3- /api/cart Copy 5 http://{{IP}}:{{PORT}}/api/cart	302	1.60	513	522	532	570	0
<b>POST</b> 4- /api/checkout Copy 2 http://{{IP}}:{{PORT}}/api/checkout	302	1.60	529	553	573	814	0
<b>GET</b> 5- /api/data http://{{IP}}:{{PORT}}/api/data	302	1.60	510	518	525	543	0
<b>GET</b> 6- /api/data?contextKeys=assembly http://{{IP}}:{{PORT}}/api/data?contextKeys=assembly	302	1.60	510	521	526	794	0
<b>GET</b> 7- /api/data?contextKeys=binoculars http://{{IP}}:{{PORT}}/api/data?contextKeys=binoculars	302	1.60	510	519	526	577	0
<b>GET</b> 8- /api/data?contextKeys=books http://{{IP}}:{{PORT}}/api/data?contextKeys=books	302	1.60	510	518	525	584	0
<b>GET</b> 9- /api/data?contextKeys=telescopes http://{{IP}}:{{PORT}}/api/data?contextKeys=telescopes	302	1.60	510	519	526	656	0
<b>GET</b> 10- /api/data/?contextKeys=travel http://{{IP}}:{{PORT}}/api/data/?contextKeys=travel	300	1.59	510	518	524	599	0

<b>GET</b> 11- /api/products/OPUK6V6EV0 http://{{IP}}:{{PORT}}/api/products/OPUK6V6EV0	299	1.58	509	517	524	585	0
<b>GET</b> 12- /api/products/1YMWWN1N4O http://{{IP}}:{{PORT}}/api/products/1YMWWN1N4O	299	1.58	509	516	522	546	0
<b>GET</b> 13- /api/products/2ZYFJ3GM2N http://{{IP}}:{{PORT}}/api/products/2ZYFJ3GM2N	299	1.58	509	517	524	579	0
<b>GET</b> 14- /api/products/66VCHSJNUP http://{{IP}}:{{PORT}}/api/products/66VCHSJNUP	299	1.58	509	516	522	548	0
<b>GET</b> 15- /api/products/6E92ZMYFZ http://{{IP}}:{{PORT}}/api/products/6E92ZMYFZ	299	1.58	510	517	524	578	0
<b>GET</b> 16- /api/products/9SIQT8TOJO http://{{IP}}:{{PORT}}/api/products/9SIQT8TOJO	298	1.58	509	517	523	574	0
<b>GET</b> 17- /api/products/HQGTGWGPNH4 http://{{IP}}:{{PORT}}/api/products/HQGTGWGPNH4	298	1.58	510	517	525	546	0
<b>GET</b> 18- /api/products/L9ECAV7KIM http://{{IP}}:{{PORT}}/api/products/L9ECAV7KIM	297	1.57	509	517	523	638	0
<b>GET</b> 19- /api/products/LS4PSXUNUM http://{{IP}}:{{PORT}}/api/products/LS4PSXUNUM	297	1.57	509	517	524	648	0
<b>GET</b> 20- /api/products/OLJCESPC7Z http://{{IP}}:{{PORT}}/api/products/OLJCESPC7Z	297	1.57	511	520	530	578	0
<b>GET</b> 21- /api/recommendations? productId=OPUK6V6EV0 http://{{IP}}:{{PORT}}/api/recommendations? productId=OPUK6V6EV0	297	1.57	518	541	577	738	0
<b>GET</b> 22- /api/recommendations? productId=1YMWWN1N4O http://{{IP}}:{{PORT}}/api/recommendations? productId=1YMWWN1N4O	296	1.57	519	545	595	782	0

<b>GET</b> 23- /api/recommendations? productId=2ZYFJ3GM2N  http://{{IP}}:{{PORT}}/api/recommendations? productId=2ZYFJ3GM2N	296	1.57	519	543	569	782	0
<b>GET</b> 24- /api/recommendations? productId=66VCHSJNUP  http://{{IP}}:{{PORT}}/api/recommendations? productId=66VCHSJNUP	296	1.57	519	546	593	789	0
<b>GET</b> 25- /api/recommendations? productId=6E92ZMYFZ  http://{{IP}}:{{PORT}}/api/recommendations? productId=6E92ZMYFZ	296	1.57	519	543	579	784	0
<b>GET</b> 26- /api/recommendations? productId=9SIQT8TOJO  http://{{IP}}:{{PORT}}/api/recommendations? productId=9SIQT8TOJO	295	1.56	519	544	585	800	0
<b>GET</b> 27- /api/recommendations? productId=HQTGWGPNH4  http://{{IP}}:{{PORT}}/api/recommendations? productId=HQTGWGPNH4	295	1.56	519	545	590	796	0
<b>GET</b> 28- /api/recommendations? productId=L9ECAV7KIM  http://{{IP}}:{{PORT}}/api/recommendations?L9ECAV7KIM	295	1.56	518	549	615	799	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](#).