

Performance test report - Jul 14, 2024 (#53)

Open in Postman

Postman collection: MasterThesisOriginal

Report exported on: Jul 14, 2024, 17:33:43 (GMT+1)

Test setup

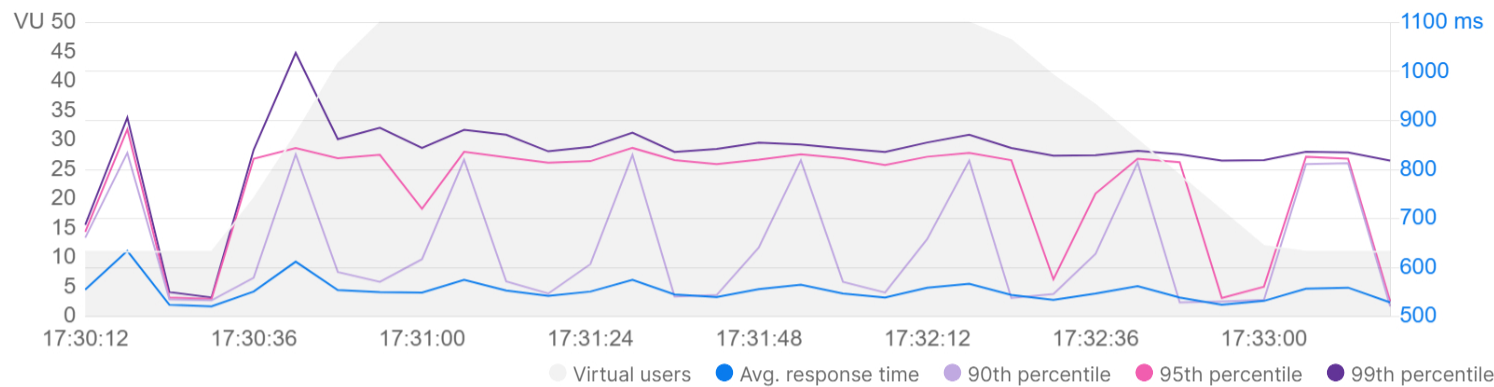
Virtual users	Start time	Load profile
50 VU	Jul 14, 17:30:12 (GMT+1)	Peak
Duration	End time	Environment
3 minutes	Jul 14, 17:33:20 (GMT+1)	-

1. Summary

Total requests sent	Throughput	Average response time	Error rate
10,190	54.11 requests/second	553 ms	0.00 %

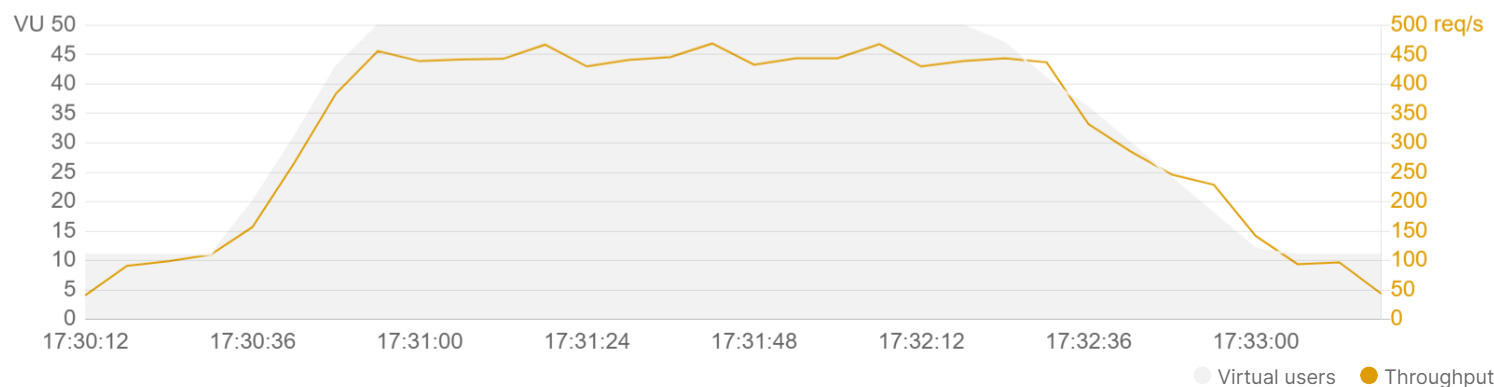
1.1 Response time

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)
POST 4- /api/checkout http://{{IP}}:{{PORT}}/api/checkout	834	862	882	976	808	995
POST 4- /api/checkout Copy 2 http://{{IP}}:{{PORT}}/api/checkout	833	859	873	1,010	809	1,050
POST 4- /api/checkout Copy http://{{IP}}:{{PORT}}/api/checkout	830	853	871	918	808	1,055
GET 28- /api/recommendations? productId=L9ECAV7KIM http://{{IP}}:{{PORT}}/api/recommendations? L9ECAV7KIM	549	610	646	751	519	777
GET 27- /api/recommendations? productId=HQTGWGPNH4 http://{{IP}}:{{PORT}}/api/recommendations? productId=HQTGWGPNH4	548	613	647	714	518	750

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 1- / http://{{IP}}:{{PORT}}/	329	1.75	520	541	569	687	0
GET 2- /api/cart http://{{IP}}:{{PORT}}/api/cart	321	1.70	510	518	527	582	0
POST 3- /api/cart http://{{IP}}:{{PORT}}/api/cart	303	1.61	512	524	535	618	0

POST 3- /api/cart Copy http://{{IP}}:{{PORT}}/api/cart	294	1.56	511	523	536	612	0
POST 4- /api/checkout http://{{IP}}:{{PORT}}/api/checkout	294	1.56	808	834	862	995	0
POST 3- /api/cart Copy 2 http://{{IP}}:{{PORT}}/api/cart	294	1.56	513	522	531	597	0
POST 3- /api/cart Copy 3 http://{{IP}}:{{PORT}}/api/cart	294	1.56	512	522	537	576	0
POST 4- /api/checkout Copy http://{{IP}}:{{PORT}}/api/checkout	294	1.56	808	830	853	1,055	0
POST 3- /api/cart Copy 4 http://{{IP}}:{{PORT}}/api/cart	294	1.56	513	523	534	659	0
POST 3- /api/cart Copy 5 http://{{IP}}:{{PORT}}/api/cart	294	1.56	512	525	538	644	0
POST 4- /api/checkout Copy 2 http://{{IP}}:{{PORT}}/api/checkout	293	1.56	809	833	859	1,050	0
GET 5- /api/data http://{{IP}}:{{PORT}}/api/data	293	1.56	512	524	541	591	0
GET 6- /api/data?contextKeys=assembly http://{{IP}}:{{PORT}}/api/data?contextKeys=assembly	293	1.56	512	524	539	613	0
GET 7- /api/data?contextKeys=binoculars http://{{IP}}:{{PORT}}/api/data?contextKeys=binoculars	293	1.56	513	523	539	591	0
GET 8- /api/data?contextKeys=books http://{{IP}}:{{PORT}}/api/data?contextKeys=books	293	1.56	512	522	533	580	0
GET 9- /api/data?contextKeys=telescopes http://{{IP}}:{{PORT}}/api/data?contextKeys=telescopes	291	1.55	513	523	534	601	0
GET 10- /api/data/?contextKeys=travel http://{{IP}}:{{PORT}}/api/data/?contextKeys=travel	291	1.55	513	522	534	566	0

GET 11- /api/products/OPUK6V6EV0 http://{{IP}}:{{PORT}}/api/products/OPUK6V6EV0	290	1.54	510	518	526	582	0
GET 12- /api/products/1YMWWN1N4O http://{{IP}}:{{PORT}}/api/products/1YMWWN1N4O	290	1.54	510	518	524	604	0
GET 13- /api/products/2ZYFJ3GM2N http://{{IP}}:{{PORT}}/api/products/2ZYFJ3GM2N	290	1.54	510	517	523	571	0
GET 14- /api/products/66VCHSJNUP http://{{IP}}:{{PORT}}/api/products/66VCHSJNUP	287	1.52	510	516	522	539	0
GET 15- /api/products/6E92ZMYFZ http://{{IP}}:{{PORT}}/api/products/6E92ZMYFZ	287	1.52	510	517	524	556	0
GET 16- /api/products/9SIQT8TOJO http://{{IP}}:{{PORT}}/api/products/9SIQT8TOJO	287	1.52	510	517	525	587	0
GET 17- /api/products/HQGTGWGPNH4 http://{{IP}}:{{PORT}}/api/products/HQGTGWGPNH4	287	1.52	510	517	524	563	0
GET 18- /api/products/L9ECAV7KIM http://{{IP}}:{{PORT}}/api/products/L9ECAV7KIM	287	1.52	510	517	525	550	0
GET 19- /api/products/LS4PSXUNUM http://{{IP}}:{{PORT}}/api/products/LS4PSXUNUM	287	1.52	510	517	525	556	0
GET 20- /api/products/OLJCESPC7Z http://{{IP}}:{{PORT}}/api/products/OLJCESPC7Z	287	1.52	511	519	525	593	0
GET 21- /api/recommendations? productId=OPUK6V6EV0 http://{{IP}}:{{PORT}}/api/recommendations? productId=OPUK6V6EV0	285	1.51	519	541	577	731	0
GET 22- /api/recommendations? productId=1YMWWN1N4O http://{{IP}}:{{PORT}}/api/recommendations? productId=1YMWWN1N4O	285	1.51	519	537	565	711	0

GET 23- /api/recommendations? productId=2ZYFJ3GM2N http://{{IP}}:{{PORT}}/api/recommendations? productId=2ZYFJ3GM2N	282	1.50	519	539	562	875	0
GET 24- /api/recommendations? productId=66VCHSJNUP http://{{IP}}:{{PORT}}/api/recommendations? productId=66VCHSJNUP	281	1.49	518	538	567	678	0
GET 25- /api/recommendations? productId=6E92ZMYFZ http://{{IP}}:{{PORT}}/api/recommendations? productId=6E92ZMYFZ	281	1.49	519	539	573	673	0
GET 26- /api/recommendations? productId=9SIQT8TOJO http://{{IP}}:{{PORT}}/api/recommendations? productId=9SIQT8TOJO	281	1.49	519	545	598	830	0
GET 27- /api/recommendations? productId=HQTGWGPNH4 http://{{IP}}:{{PORT}}/api/recommendations? productId=HQTGWGPNH4	279	1.48	518	548	613	750	0
GET 28- /api/recommendations? productId=L9ECAV7KIM http://{{IP}}:{{PORT}}/api/recommendations?L9ECAV7KIM	279	1.48	519	549	610	777	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](#).