

Performance test report - Jul 20, 2024 (#61)

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Report exported on: Jul 20, 2024, 20:28:15 (GMT+1)

Test setup

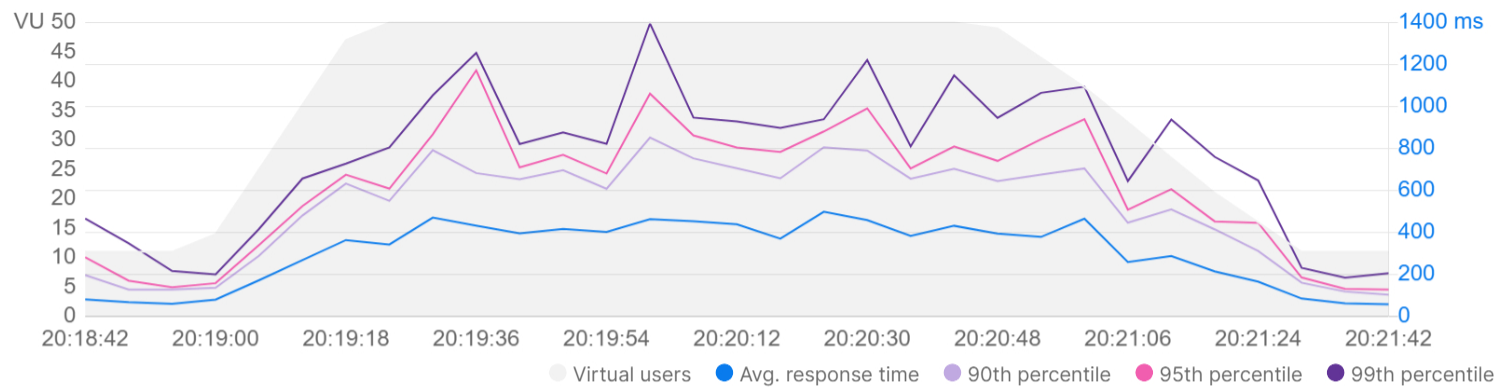
Virtual users	Start time	Load profile
50 VU	Jul 20, 20:18:39 (GMT+1)	Peak
Duration	End time	Environment
3 minutes	Jul 20, 20:21:47 (GMT+1)	-

1. Summary

Total requests sent	Throughput	Average response time	Error rate
16,287	86.52 requests/second	323 ms	0.00 %

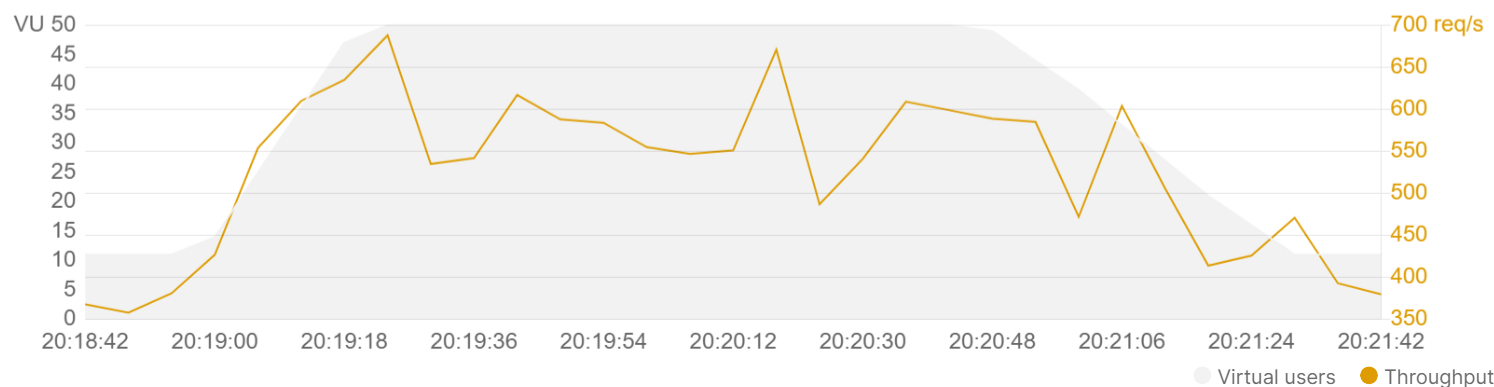
1.1 Response time

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)
GET 26- /api/recommendations? productId=9SIQT8TOJO http://{{IP}}:{{PORT}}/api/recommendations? productId=9SIQT8TOJO	507	821	918	1,194	24	1,504
GET 25- /api/recommendations? productId=6E92ZMYFZ http://{{IP}}:{{PORT}}/api/recommendations? productId=6E92ZMYFZ	505	813	918	1,210	32	1,380
GET 23- /api/recommendations? productId=2ZYFJ3GM2N http://{{IP}}:{{PORT}}/api/recommendations? productId=2ZYFJ3GM2N	503	808	903	1,328	34	1,552
GET 27- /api/recommendations? productId=HQTGWGPNH4 http://{{IP}}:{{PORT}}/api/recommendations? productId=HQTGWGPNH4	499	832	937	1,186	22	1,358
GET 28- /api/recommendations? productId=L9ECAV7KIM http://{{IP}}:{{PORT}}/api/recommendations? L9ECAV7KIM	498	831	952	1,172	20	1,473

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}}/	503	2.67	21	400	645	1,230	0

GET 2- /api/cart http://{{IP}}:{{PORT}}/api/cart	501	2.66	11	246	444	1,119	0
POST 3- /api/cart http://{{IP}}:{{PORT}}/api/cart	491	2.61	13	312	541	1,099	0
POST 3- /api/cart Copy http://{{IP}}:{{PORT}}/api/cart	481	2.56	14	327	611	1,252	0
POST 4- /api/checkout http://{{IP}}:{{PORT}}/api/checkout	474	2.52	48	333	617	1,321	0
POST 3- /api/cart Copy 2 http://{{IP}}:{{PORT}}/api/cart	467	2.48	14	336	591	1,242	0
POST 3- /api/cart Copy 3 http://{{IP}}:{{PORT}}/api/cart	466	2.48	15	344	615	1,217	0
POST 4- /api/checkout Copy http://{{IP}}:{{PORT}}/api/checkout	465	2.47	43	370	697	1,187	0
POST 3- /api/cart Copy 4 http://{{IP}}:{{PORT}}/api/cart	464	2.46	16	343	602	1,320	0
POST 3- /api/cart Copy 5 http://{{IP}}:{{PORT}}/api/cart	464	2.46	13	327	584	1,231	0
POST 4- /api/checkout Copy 2 http://{{IP}}:{{PORT}}/api/checkout	463	2.46	40	364	653	1,203	0
GET 5- /api/data http://{{IP}}:{{PORT}}/api/data	463	2.46	12	273	479	1,114	0
GET 6- /api/data?contextKeys=assembly http://{{IP}}:{{PORT}}/api/data?contextKeys=assembly	463	2.46	13	274	497	746	0
GET 7- /api/data?contextKeys=binoculars http://{{IP}}:{{PORT}}/api/data?contextKeys=binoculars	463	2.46	13	293	528	966	0
GET 8- /api/data?contextKeys=books http://{{IP}}:{{PORT}}/api/data?contextKeys=books	463	2.46	14	295	531	1,211	0

GET 9- /api/data?contextKeys=telescopes http://{{IP}}:{{PORT}}/api/data?contextKeys=telescopes	462	2.45	14	293	526	1,043	0
GET 10- /api/data/?contextKeys=travel http://{{IP}}:{{PORT}}/api/data/?contextKeys=travel	462	2.45	13	238	423	795	0
GET 11- /api/products/OPUK6V6EVO http://{{IP}}:{{PORT}}/api/products/OPUK6V6EVO	462	2.45	10	203	358	954	0
GET 12- /api/products/1YMWWN1N4O http://{{IP}}:{{PORT}}/api/products/1YMWWN1N4O	462	2.45	11	183	334	711	0
GET 13- /api/products/2ZYFJ3GM2N http://{{IP}}:{{PORT}}/api/products/2ZYFJ3GM2N	462	2.45	11	183	321	781	0
GET 14- /api/products/66VCHSJNUP http://{{IP}}:{{PORT}}/api/products/66VCHSJNUP	462	2.45	13	193	331	893	0
GET 15- /api/products/6E92ZMYFZ http://{{IP}}:{{PORT}}/api/products/6E92ZMYFZ	461	2.45	12	188	337	611	0
GET 16- /api/products/9SIQT8TOJO http://{{IP}}:{{PORT}}/api/products/9SIQT8TOJO	461	2.45	12	187	319	996	0
GET 17- /api/products/HQTGWGPNH4 http://{{IP}}:{{PORT}}/api/products/HQTGWGPNH4	460	2.44	11	194	325	696	0
GET 18- /api/products/L9ECAV7KIM http://{{IP}}:{{PORT}}/api/products/L9ECAV7KIM	460	2.44	11	187	320	683	0
GET 19- /api/products/LS4PSXUNUM http://{{IP}}:{{PORT}}/api/products/LS4PSXUNUM	460	2.44	11	199	352	983	0
GET 20- /api/products/OLJCESPC7Z http://{{IP}}:{{PORT}}/api/products/OLJCESPC7Z	459	2.44	14	229	398	795	0
GET 21- /api/recommendations? productId=OPUK6V6EVO http://{{IP}}:{{PORT}}/api/recommendations? productId=OPUK6V6EVO	459	2.44	35	487	798	1,505	0

GET 22- /api/recommendations? productIds=1YMWWN1N4O http://{{IP}}:{{PORT}}/api/recommendations? productIds=1YMWWN1N4O	458	2.43	20	487	798	1,327	0
GET 23- /api/recommendations? productIds=2ZYFJ3GM2N http://{{IP}}:{{PORT}}/api/recommendations? productIds=2ZYFJ3GM2N	458	2.43	34	503	808	1,552	0
GET 24- /api/recommendations? productIds=66VCHSJNUP http://{{IP}}:{{PORT}}/api/recommendations? productIds=66VCHSJNUP	458	2.43	31	497	807	1,504	0
GET 25- /api/recommendations? productIds=6E92ZMYFZ http://{{IP}}:{{PORT}}/api/recommendations? productIds=6E92ZMYFZ	458	2.43	32	505	813	1,380	0
GET 26- /api/recommendations? productIds=9SIQT8TOJO http://{{IP}}:{{PORT}}/api/recommendations? productIds=9SIQT8TOJO	458	2.43	24	507	821	1,504	0
GET 27- /api/recommendations? productIds=HQTGWGPNH4 http://{{IP}}:{{PORT}}/api/recommendations? productIds=HQTGWGPNH4	457	2.43	22	499	832	1,358	0
GET 28- /api/recommendations? productIds=L9ECAV7KIM http://{{IP}}:{{PORT}}/api/recommendations?L9ECAV7KIM	457	2.43	20	498	831	1,473	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](#).