

# Performance Test Report - Feb 5, 2025 (#2)

Open in Postman

Postman collection: Hybrid Search API  
Report exported on: Feb 5, 2025, 13:12:41 (GMT)

## Test setup

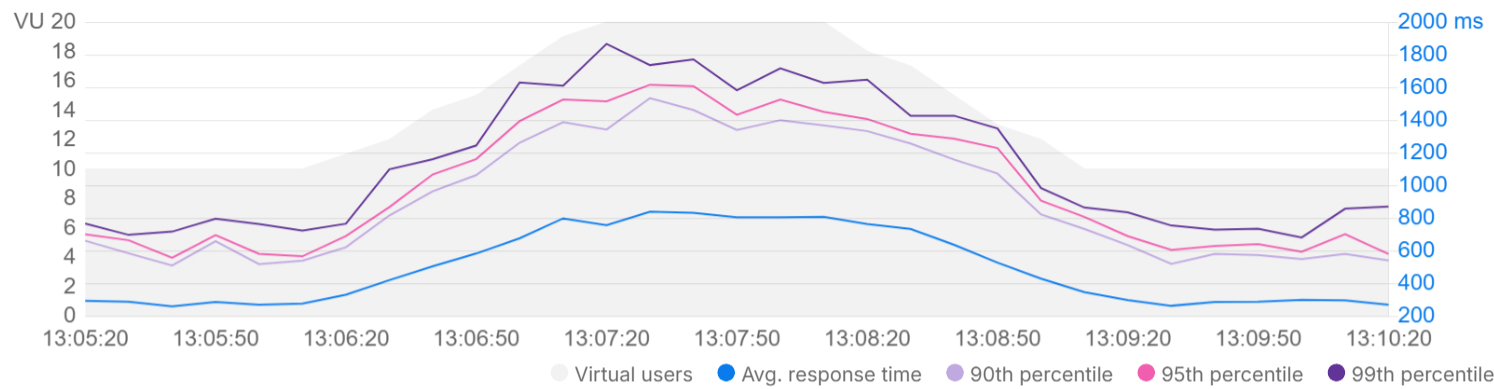
Virtual users	Start time	Load profile
20 VU	Feb 5, 13:05:15 (GMT)	Peak
Duration	End time	Environment
5 minutes	Feb 5, 13:10:23 (GMT)	-

## 1. Summary

Total requests sent	Throughput	Average response time	Error rate
5,192	16.85 requests/second	506 ms	0.00 %

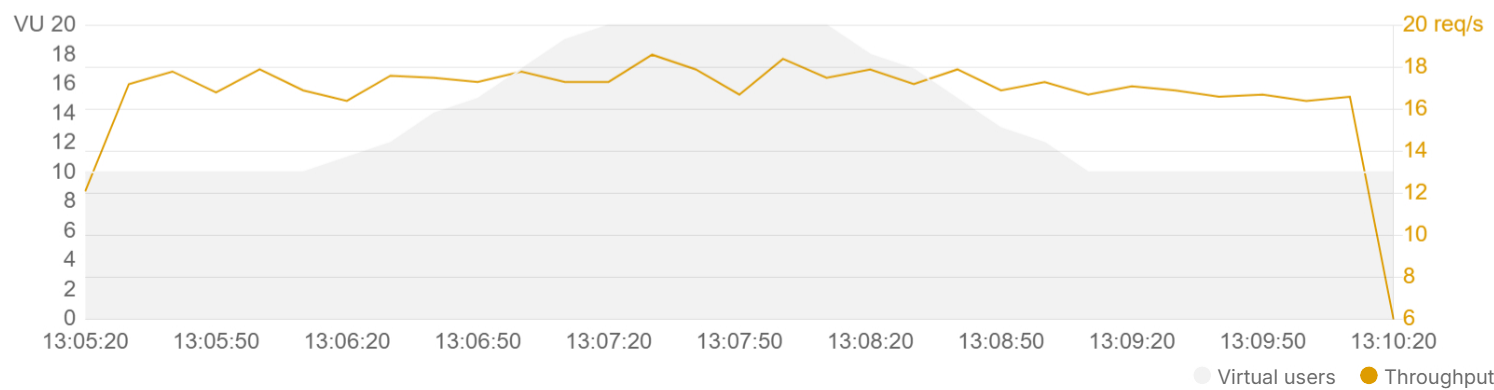
### 1.1 Response time

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> Add Magazine http://localhost:3000/api/magazine	808	1,278	1,365	1,579	229	1,933
<b>POST</b> Hybrid http://localhost:3000/api/search/hybrid	771	1,325	1,445	1,693	125	1,878
<b>POST</b> Vector Search http://localhost:3000/api/search/vector	694	1,223	1,355	1,609	137	1,745
<b>GET</b> Get Magazines http://localhost:3000/api/magazines	152	309	408	612	30	799
<b>GET</b> Keyword search http://localhost:3000/api/search/keyword? query=architecture&page=1&pageSize=10	105	322	434	668	9	830

## 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>POST</b> Vector Search http://localhost:3000/api/search/vector	1,046	3.40	137	694	1,223	1,745	0
<b>GET</b> Get Magazines http://localhost:3000/api/magazines	1,042	3.38	30	152	309	799	0
<b>POST</b> Add Magazine http://localhost:3000/api/magazine	1,039	3.37	229	808	1,278	1,933	0
<b>GET</b> Keyword search http://localhost:3000/api/search/keyword?query=architecture&page=1&pageSize=10	1,033	3.35	9	105	322	830	0
<b>POST</b> Hybrid http://localhost:3000/api/search/hybrid	1,032	3.35	125	771	1,325	1,878	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](#).