Performance Test Report - Mar 5, 2025 (#8)

Open in Postman

Postman collection: SmartCacheTestingDBPerformanceGmail

Report exported on: Mar 5, 2025, 23:04:28 (GMT+1)

Test setup

Virtual users	Start time	Load profile
50 VU	Mar 5, 22:59:04 (GMT+1)	Fixed
Duration	End time	Environment
5 minutes	Mar 5, 23:04:14 (GMT+1)	Email Test Environment

1. Summary

Total requests sent	Throughput	Average response time	Error rate
1,418	4.58 requests/second	9,363 ms	58.39 %

1.1 Response time

Response time trends during the test duration.

Legend: Virtual users · Avg. response time · 90th percentile · 95th percentile · 99th percentile
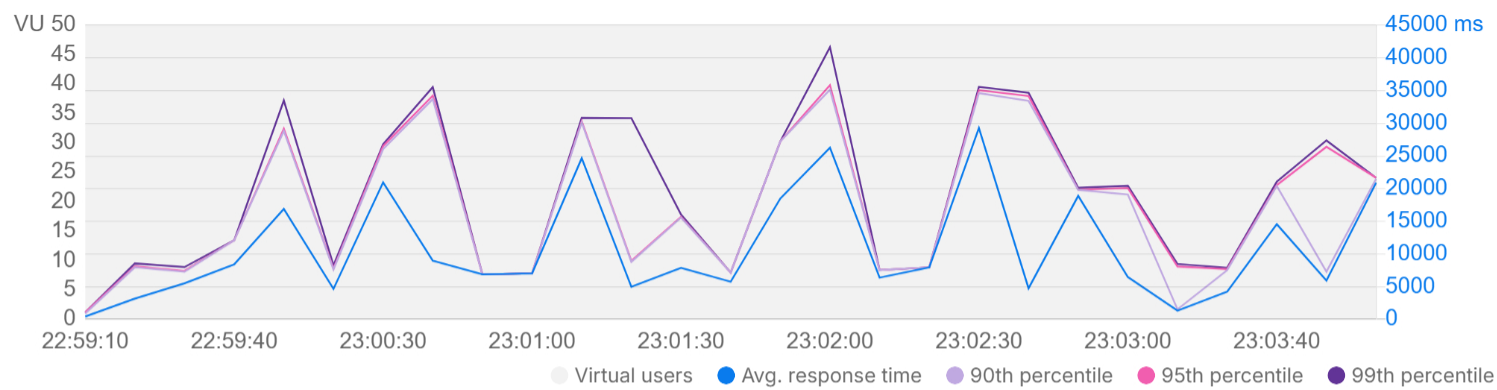
1.2 Throughput

Rate of requests sent per second during the test duration.

Legend: Virtual users · Throughput

POSTMAN
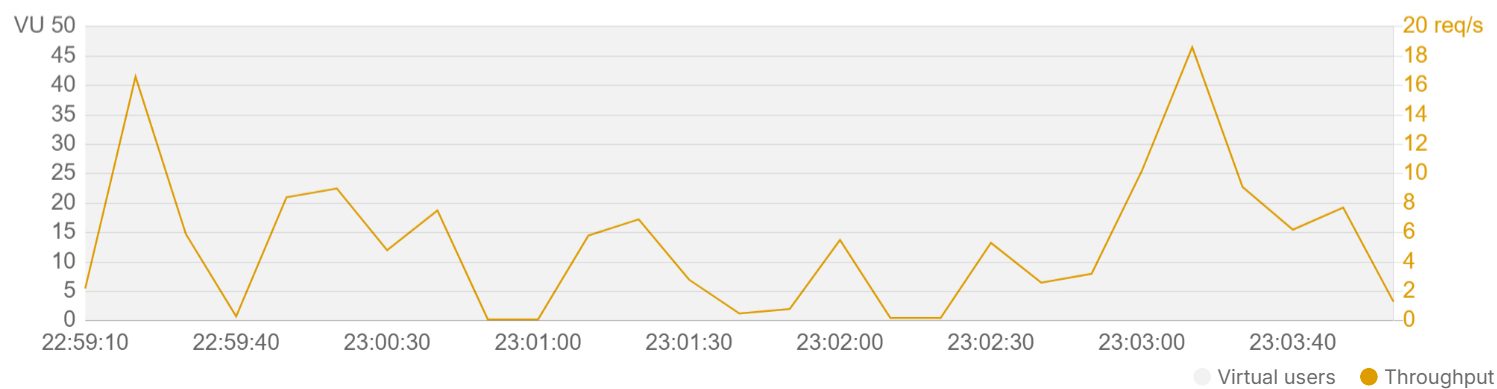
1.3 Requests with slowest response times

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 AddEmail https://localhost:7131/traditionalApproach/emails/{{email}}	12,643	29,577	33,601	34,909	80	41,654
GET GetEmail https://localhost:7131/traditionalApproach/emails/{{email}}	6,003	24,847	32,462	34,799	49	35,838

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
GET GetEmail https://localhost:7131/traditionalApproach/emails/{{email}}	456	404 Not Found (456)	-	0
POST AddEmail https://localhost:7131/traditionalApproach/emails/{{email}}	372	409 Conflict (371)	ESOCKETTIMED OUT (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 %
POST AddEmail https://localhost:7131/traditionalApproach/emails/{{email}}	718	2.32	80	12,643	29,577	41,654	51.81
GET GetEmail https://localhost:7131/traditionalApproach/emails/{{email}}	700	2.26	49	6,003	24,847	35,838	65.14

3. Errors

3.1 Error distribution over time

Top 5 error classes observed during the test duration.
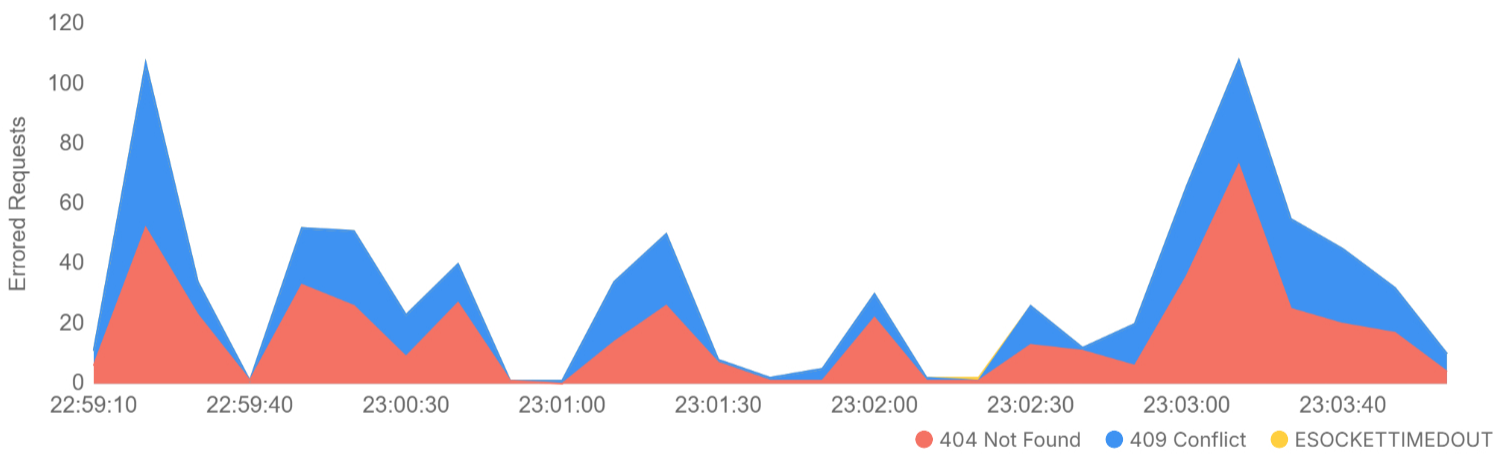
3.2 Error distribution for requests

Errored requests grouped by error class, along with the error count for each class.

Error class	Total counts
404 Not Found	456
GET GetEmail	456
409 Conflict	371
POST AddEmail	371
ESOCKETTIMEDOUT	1
POST AddEmail	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.

POSTMAN