Performance Test Report - Mar 5, 2025 (#7)

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Postman collection: SmartCacheTestingDBPerformanceGmail

Report exported on: Mar 5, 2025, 22:33:21 (GMT+1)
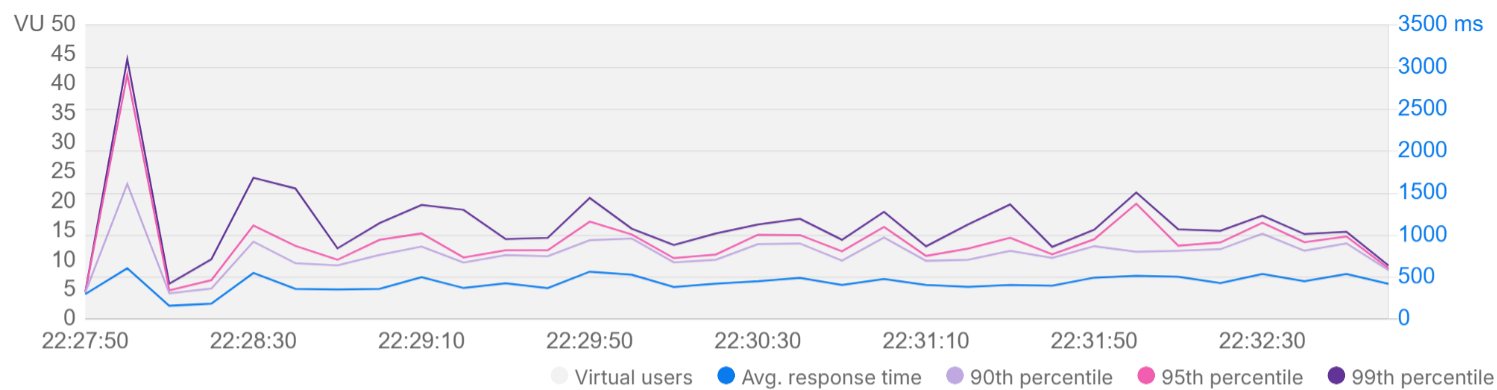
Test setup

Virtual users 50 VU	**Start time** Mar 5, 22:27:53 (GMT+1)	**Load profile** Fixed
Duration 5 minutes	**End time** Mar 5, 22:33:01 (GMT+1)	**Environment** Email Test Environment

1. Summary

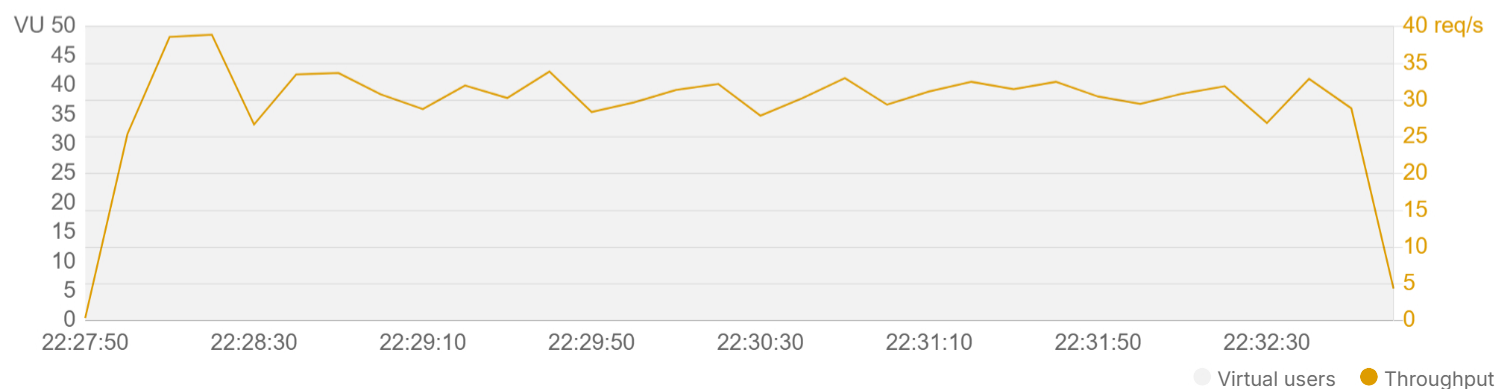| Total requests sent	Throughput	Average response time	Error rate
9,389	30.48 requests/second	428 ms	66.42 %

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 GetEmail https://localhost:7131/traditionalApproach/emails/{{email}}	428	802	927	1,303	27	3,196

1.4 Requests with most errors

Top 5 requests with the most errors, along with the most frequently occurring errors for each request.

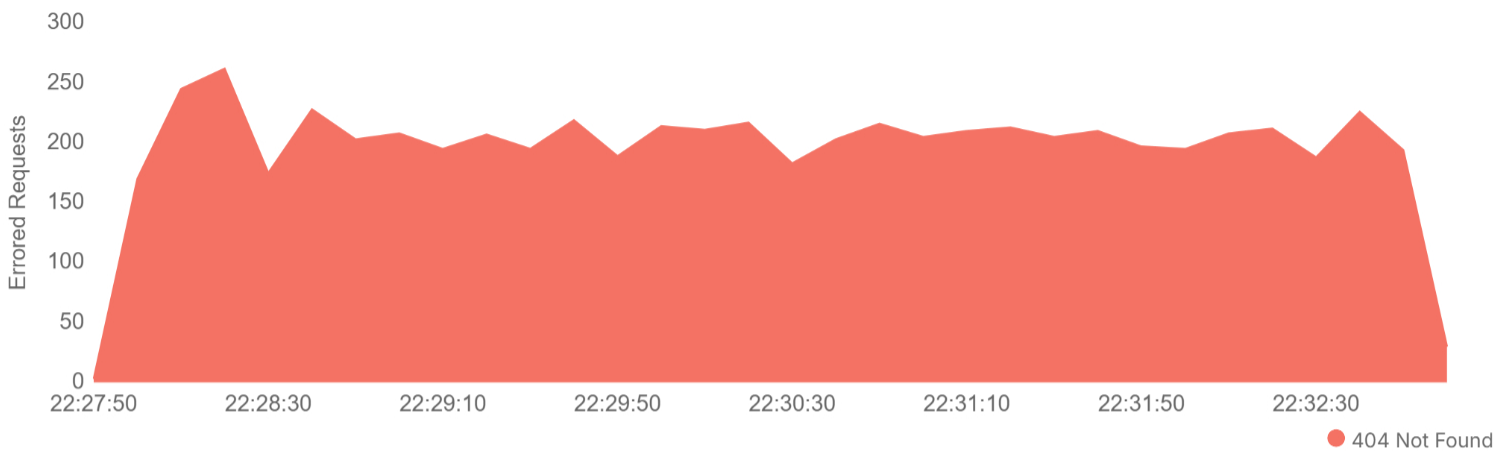| Request	Total error count	Error 1	Error 2	Other errors
GET GetEmail https://localhost:7131/traditionalApproach/emails/{{email}}	6,236	404 Not Found (6236)	-	0

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 %
GET GetEmail https://localhost:7131/traditionalApproach/emails/{{email}}	9,389	30.48	27	428	802	3,196	66.42

3. Errors

3.1 Error distribution over time

Top 5 error classes observed during the test duration.

● 404 Not Found

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	6236
GET GetEmail	6,236

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.