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Tesis PoC - Comparación API Gateway vs BFF - Fixed APIGateway - 100VU_2mins - May 25, 2025 (#2)

Postman collection: Tesis PoC - Comparación API Gateway vs BFF
Report exported on: May 25, 2025, 21:55:56 (GMT-5)

Test setup

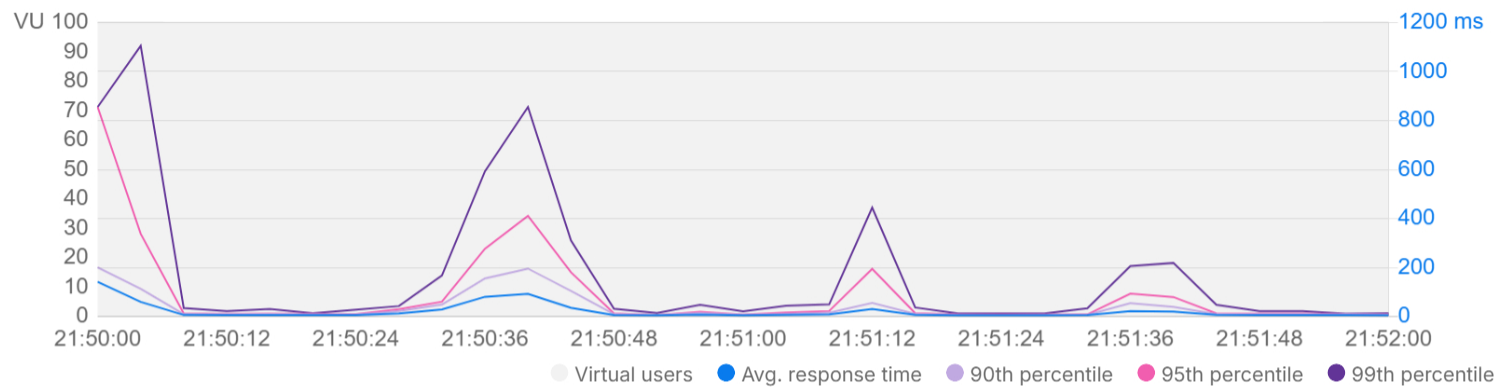
Virtual users	Start time	Load profile
100 VU	May 25, 21:49:55 (GMT-5)	Fixed
Duration	End time	Environment
2 minutes	May 25, 21:52:03 (GMT-5)	-

1. Summary

Total requests sent	Throughput	Average response time	Error rate
9,426	73.38 requests/second	13 ms	0.01 %

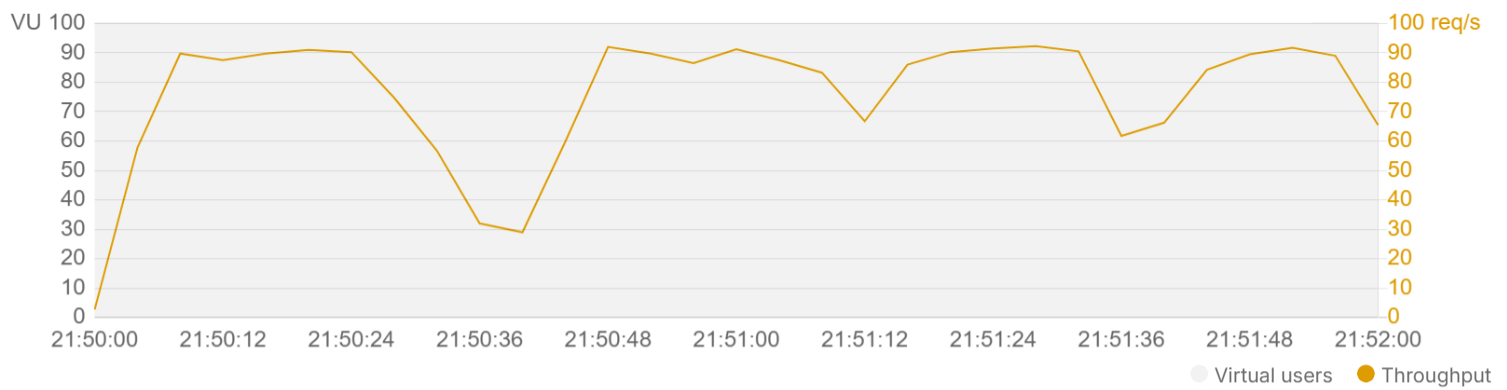
1.1 Response time

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 GET desde API Gateway http://localhost:3000/api/reservas	13	19	35	156	2	1,107

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 GET desde API Gateway http://localhost:3000/api/reservas	1	ECONNRESET (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 %
GET GET desde API Gateway http://localhost:3000/api/reservas	9,426	73.38	2	13	19	1,107	0.01

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
ECONNRESET	1
GET GET desde API Gateway	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](#).