

Performance Test Summary - Sign Burger (100k User Load)

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Report Link: <https://delightful-fox-4d5929.netlify.app>

Test Summary

API Tested:	Login API - Send OTP
Total Requests:	100,000
Success Rate:	99.998% (Only 2 timeouts)
Average Response Time:	2,229 ms (2.2 seconds)
P90 Response Time:	10.2 seconds
P95 Response Time:	13.2 seconds
P99 Response Time:	7.2 seconds (anomaly)
Max Response Time:	30 seconds
Throughput:	~49.6 requests/sec
Received Data Rate:	67.97 KB/sec
Sent Data Rate:	27.54 KB/sec
Errors Observed:	1 × Connection Timeout, 1 × Read Timeout

Observations

- System handled 100,000 requests with near-perfect stability.
- User experience degradation was observed under peak load.
- Around 5-10% of requests took longer than 10 seconds.
- P99 response anomaly (7.2s) indicates possible load balancing or GC issues.
- The maximum response time reached 30 seconds, which needs investigation.

Security Note

This test bypassed OTP verification.

In a real-world scenario with full authentication and encryption, response times may increase.

Further optimization is essential before production deployment under high load.

Access the Full HTML Report

[View Detailed JMeter HTML Report](#)