



STACK – Load Stress & Service Degradation Analysis

Target Information

IP Address / Host:

163.245.255.255

Target Type: Test

Execution Mode: Research

Test User: Dev.Essam Al-Salami

Session Hash:

a2f869dbb5b5cb88

Team: Team - STACK / v5

Ports: [5000] / Protocols: [tcp]

Send Protocol: http

Request Method: GET

Attack Statistics

Duration: 8m34.1148299s

Total Requests: 66,924

Successful: 66,188 (98.9%)

Failed: 736 (1.1%)

Average Rate: 129.36 req/s

Maximum Rate: 131.41 req/s

Minimum Rate: 0.00 req/s

Server Impact Analysis

Average Response Time: 723.63 ms

Minimum Response Time: 274.78 ms

Maximum Response Time: 5494.66 ms

Client System Resources

Average CPU Usage: 16.82%

Peak CPU Usage: 31.57%

Average RAM Usage: 48.63%

Peak RAM Usage: 52.00%

Average GPU Usage: 5.05%

Peak GPU Usage: 9.47%

Average Network Usage: 20.45 Mbps

Peak Network Usage: 23.97 Mbps

Average Server Load: 11.3%

Peak Server Load: 21.2%

Enhanced Latency Metrics (Percentiles)

P50 (Median): 374.08 ms

P95: 2415.07 ms

P99: 4862.21 ms

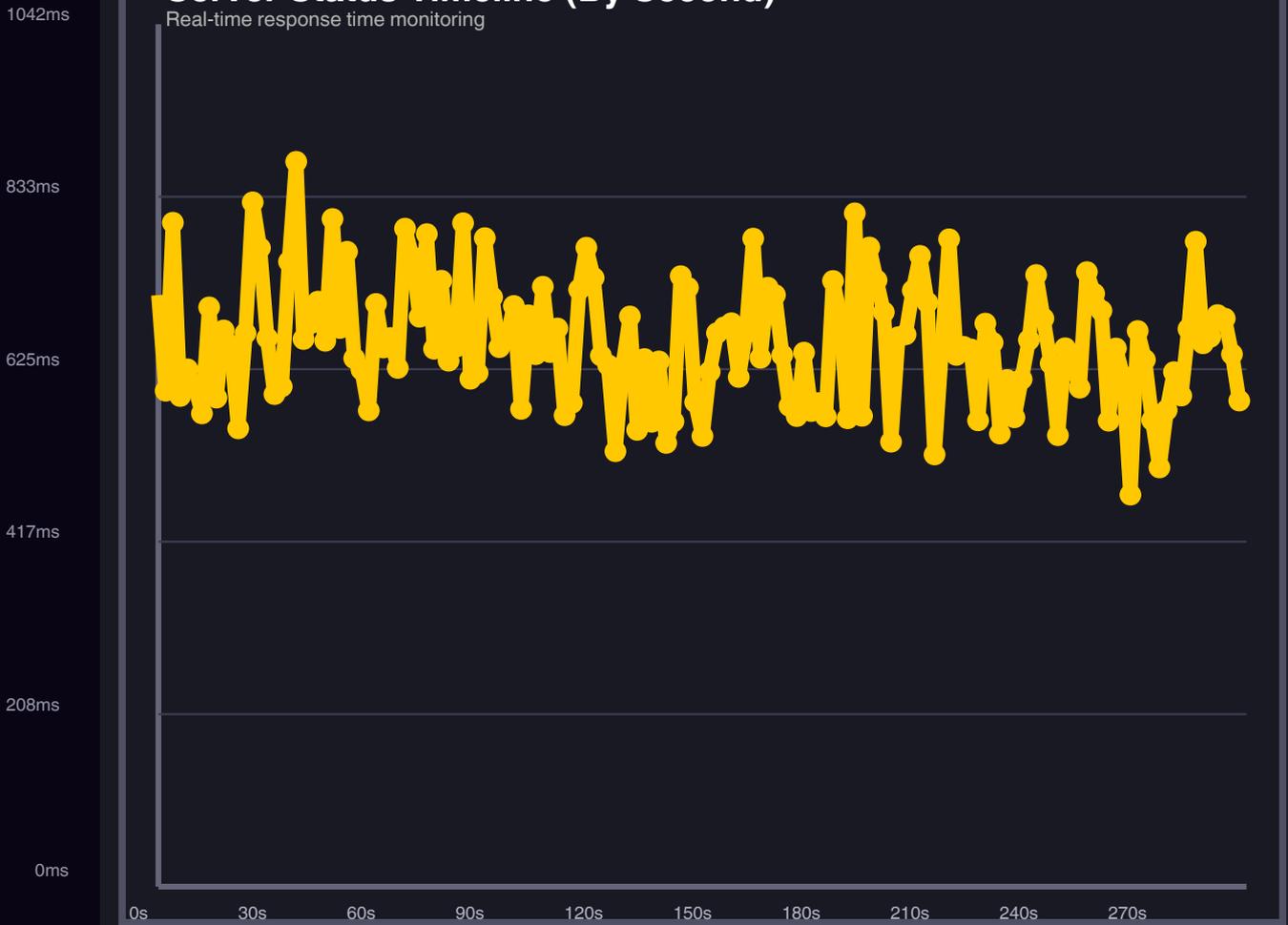
P99.9: 5329.26 ms



Data schema server response

Server Status Timeline (By Second)

Real-time response time monitoring





Report the number of users

User capacity is derived directly from the reported request rate (RPS).

Stage 1: Measured Requests Per Second (RPS): 129.36

Stage 2: Tested users based on RPS: 129 users/second (e.g., 100 RPS = 100 users/sec)

Stage 3: Capacity adjusted by response time and error rate.

Metric	Value	Tier
Users / Second	176.80	Average
Users / Minute	10,607.79	Average
Users / Hour	636,467.47	Average

Tier is calculated from Users/Second thresholds.



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