

500 Concurrent - 15 Seconds

Test Start Time: 2023-09-19 22:45:28

Server URL: http://localhost:8080/check\_ip

Test Description:

500 concurrent clients continuously sending requests to the server for 15 seconds

Run Information:

Concurrent Requests: 500

Test Duration: 15 seconds

Total Requests: 265565

Successful Requests: 265565

Failed Requests: 0

Average Requests Per Second (Total Requests / Test Duration): 17704.333333333332

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Requests Per Second Analysis

Test Description:

This represents the number of requests processed by the server per second.

Summary Information

Mean Requests Per Second: 16597.81 requests

Standard Deviation: 4232.22 requests

Maximum Requests Per Second: 20211 requests

Minimum Requests Per Second: 3099 requests

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Lookup Duration Analysis

Test Description:

This represents the lookup duration of the client's ip in the server. In this test, the server is storing the ip addresses in a hash table along with the number of requests made by this ip.

Summary Information

Mean Latency: 0.002646 milliseconds

Standard Deviation: 0.072943 milliseconds

25th Percentile: 0.001397 milliseconds

50th Percentile: 0.001466 milliseconds

75th Percentile: 0.001467 milliseconds

Request with lowest latency: 0.000419 milliseconds

IP address of the request with lowest latency: 202.145.202.230

Request with highest latency: 11.339552 milliseconds

IP address of the request with highest latency: 141.178.177.79

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Request Duration Analysis

Test Description:

This represents the whole request duration from the moment the request is received by the server until the response is sent back to the client.

Summary Information

Mean Latency: **23.052178** milliseconds

Standard Deviation: **24.513491** milliseconds

25th Percentile: **9.565017** milliseconds

50th Percentile: **17.573754** milliseconds

75th Percentile: **27.67704** milliseconds

Request with lowest latency: **0.067328** milliseconds

IP address of the request with lowest latency: **151.127.66.195**

Request with highest latency: **382.200063** milliseconds

IP address of the request with highest latency: **63.9.160.218**

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