

18th May | Sprint 1 Stress Test

Stress Testing for Getting Moment Reviews List

We use JMeter to simulate a user getting the review list of a moment 1500 times to see if our server can withstand this amount of load.

API to make request to: **121.4.57.204:8080/info/review/{infold}/{page}/{limit}** via **GET**

Parameter	Value
infold	6075ae4dc7280e2ae90de21b
page	0
limit	10

JMeter Component Structure

- Sprint 1 Test Plan
 - Message Threads { Number of Threads: 1500, Ramp-up period (seconds): 1, Loop Count: 1 }
 - Loop Controller
 - HTTP GET Review { Parameters: specified above, Method: GET }
 - View Results Tree
 - Graph Results
 - Summary Report

Success Rate

Total number of request: 1500

Number of successful requests: 1495

Success rate: 99.67%

Min Response Time: 1069ms

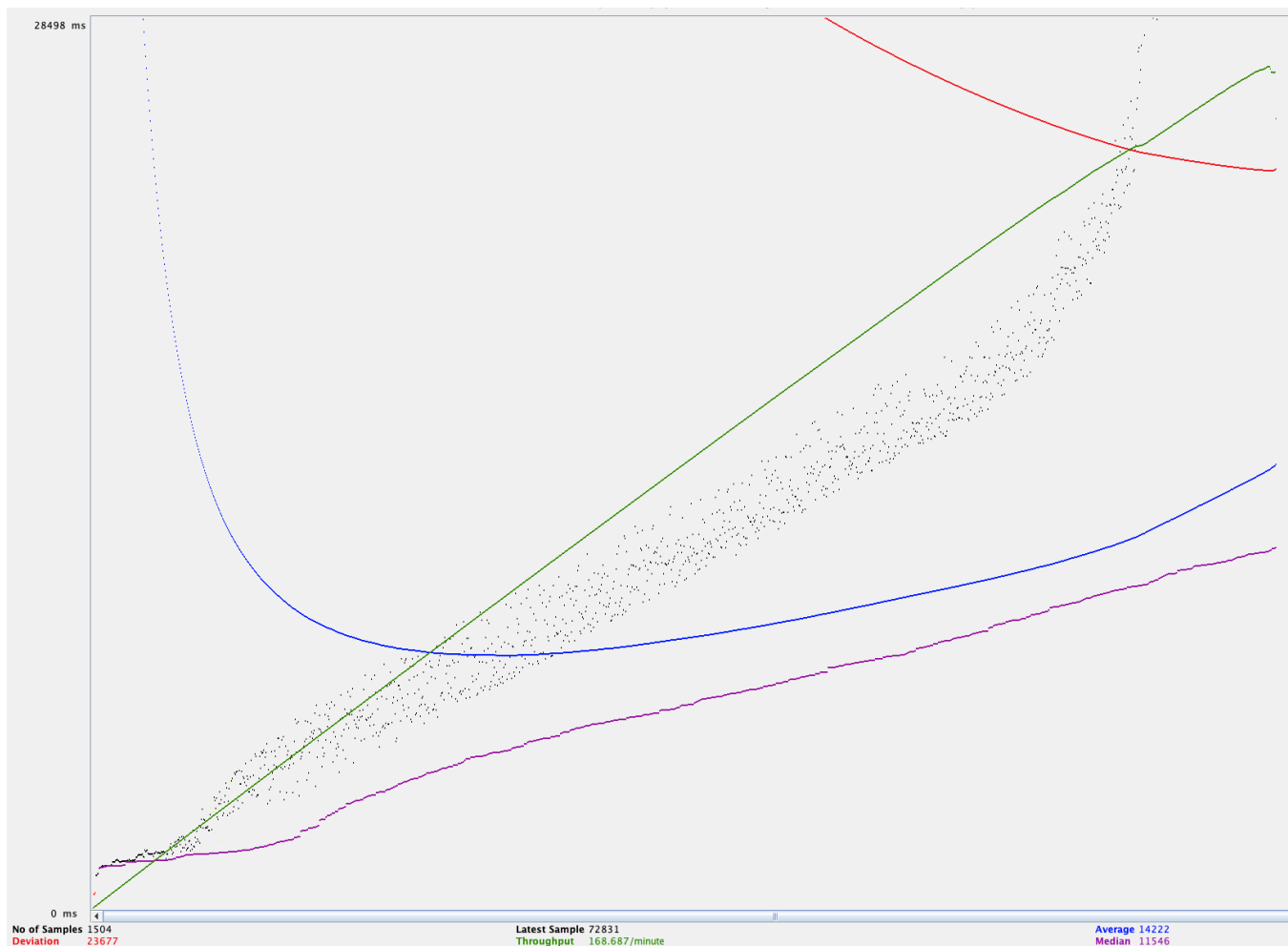
Max Response Time: 72831ms

Average Response Time: 13087ms

Throughput: 20.6/sec

Average Byte: 1155.4

Graph Results



Sample Message Report

timeStamp	elapsed	label	responseCode	responseMessage	threadName	dataType	success	failureMessage	bytes	sentBytes	grpThreads	allThreads	URL	Latency	Idle Time	Connect
1.6213E+12	3487	HTTP GET INFO REVIEW	200		Thread Group 1-315	text	TRUE		1151	160	1341	1341	http://121.4.57.204:8080/info/review/6075ae4dc7280e2ae90de21b/0/10	3487	0	448
1.6213E+12	2188	HTTP GET INFO REVIEW	Non HTTP response code: java.net.SocketException	Non HTTP response message: Connection reset	Thread Group 1-960	text	FALSE		2467	0	1340	1340	http://121.4.57.204:8080/info/review/6075ae4dc7280e2ae90de21b/0/10	0	0	1297
1.6213E+12	3066	HTTP GET INFO REVIEW	200		Thread Group 1-677	text	TRUE		1151	160	1330	1330	http://121.4.57.204:8080/info/review/6075ae4dc7280e2ae90de21b/0/10	3066	0	392
1.6213E+12	4076	HTTP GET INFO REVIEW	Non HTTP response code: java.net.SocketException	Non HTTP response message: Connection reset	Thread Group 1-176	text	FALSE		2467	0	1329	1329	http://121.4.57.204:8080/info/review/6075ae4dc7280e2ae90de21b/0/10	0	0	2534
1.6213E+12	18808	HTTP GET INFO REVIEW	200		Thread Group 1-112	text	TRUE		1151	160	355	355	http://121.4.57.204:8080/info/review/6075ae4dc7280e2ae90de21b/0/10	18535	0	17991
1.6213E+12	16810	HTTP GET INFO REVIEW	200		Thread Group 1-1183	text	TRUE		1151	160	355	355	http://121.4.57.204:8080/info/review/6075ae4dc7280e2ae90de21b/0/10	16810	0	6415