

16th May | Sprint 1 Stress Test

Stress Testing for Getting Moment List

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

API to make request to: **121.4.57.204:8080/info/{userId}** via **GET**

Parameter	Value
isRefresh	true
userId	606c453064ad461348e31a23

JMeter Component Structure

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

Success Rate

Total number of request: 1399

Number of successful request: 1258

Success rate: 89.03%

Min Response Time: 1891ms

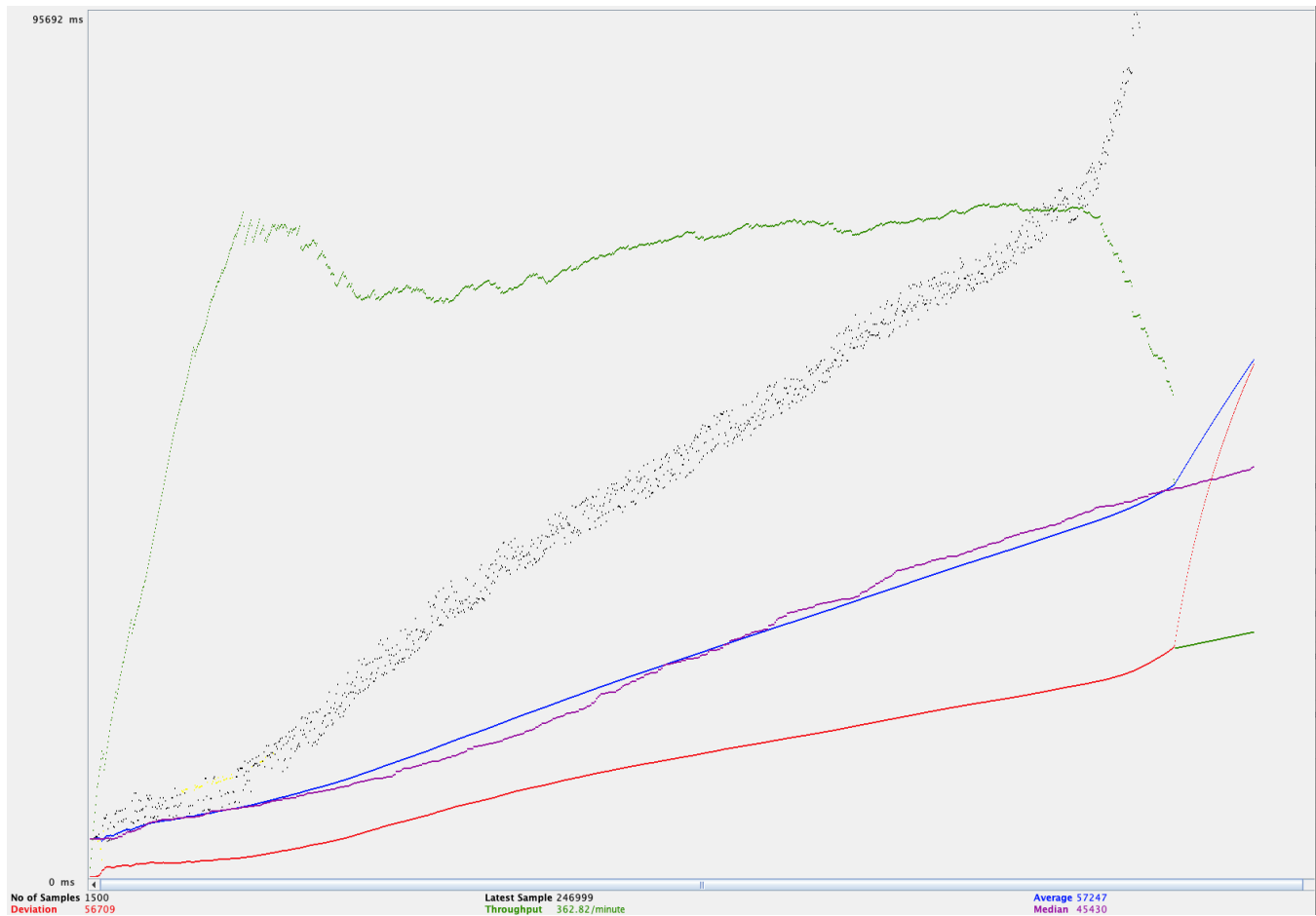
Max Response Time: 113195ms

Average Response Time: 57247ms

Throughput: 6.0/sec

Average Byte: 2698.9

Graph Results



Sample Message Report

timeStamp	elapsed	label	responseCode	responseMessage	threadName	data Type	success	failureMessage	bytes	sent Bytes	grpTh reads	allTh reads	URL	Latency	Idle Time	Connect
1.6213E+12	5752	HTTP GET Moment	200		Thread Group 1-37	text	TRUE		321	163	1484	1484	http://121.4.57.204:8080/info/606c453064ad461348e31a23?isRefresh=true	5752	0	1098
1.6213E+12	5136	HTTP GET Moment	Non HTTP response code: java.net.SocketException	Non HTTP response message: Connection reset	Thread Group 1-308	text	FALSE		2467	0	1483	1483	http://121.4.57.204:8080/info/606c453064ad461348e31a23?isRefresh=true	0	0	2903
1.6213E+12	42835	HTTP GET Moment	200		Thread Group 1-570	text	TRUE		5083	163	812	812	http://121.4.57.204:8080/info/606c453064ad461348e31a23?isRefresh=true	38970	0	5194
1.6213E+12	41008	HTTP GET Moment	200		Thread Group 1-1227	text	TRUE		5083	163	811	811	http://121.4.57.204:8080/info/606c453064ad461348e31a23?isRefresh=true	38699	0	2764
1.6213E+12	143528	HTTP GET Moment	200		Thread Group 1-111	text	TRUE		5083	163	103	103	http://121.4.57.204:8080/info/606c453064ad461348e31a23?isRefresh=true	81053	0	1692
1.6213E+12	245239	HTTP GET Moment	Non HTTP response code: java.net.SocketException	Non HTTP response message: Socket closed	Thread Group 1-896	text	FALSE		1700	0	102	102	http://121.4.57.204:8080/info/606c453064ad461348e31a23?isRefresh=true	64529	0	2734