

17th May | Sprint 1 Stress Test

Stress Testing for Posting a Review of a Moment

We use JMeter to simulate a user posting a review 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/{momentId}/{userId}** via **POST**

Parameter	Value
momentId	6075ae4dc7280e2ae90de21b
userId	606c453064ad461348e31a23
content	this is a test review

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 Review { Parameters: specified above, Method: POST }
 - HTTP Header Manager { Content-Type: application/json }
 - View Results Tree
 - Graph Results
 - Summary Report

Success Rate

Total number of request: 1391

Number of successful requests: 627

Success rate: 45.09%

Min Response Time: 810ms

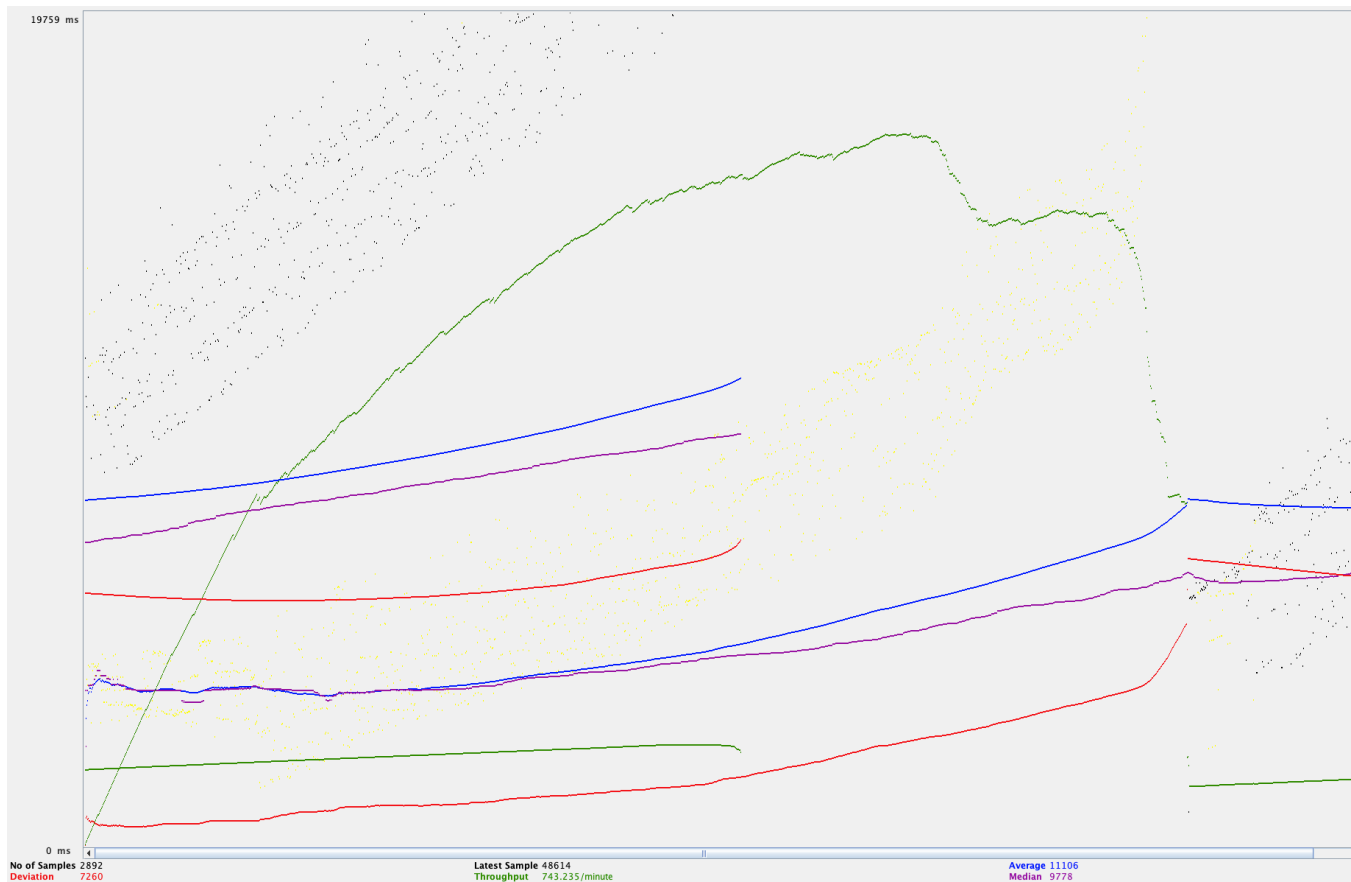
Max Response Time: 126620ms

Average Response Time: 11106ms

Throughput: 12.4/sec

Average Byte: 542.8

Graph Results



Sample Message Report

timeS tamp	ela psed	label	responseCode	responseMessage	threadName	data Type	suc cess	failure Messa ge	by tes	sent Bytes	grpT hread s	allTh reads	URL	Lat ency	Idle Time	Co nne ct
1.621 3E+12	59 00	HTTP POST REVIEW	200		Thread Group 1- 176	text	TR UE		320	278	1492	1492	http://121.4.57.204:8080/info/review/6075ae4dc7280e2ae90de21b/606c453064ad461348e31a23	59 00	0	5299
1.621 3E+12	62 52	HTTP POST REVIEW	200		Thread Group 1- 135	text	TR UE		320	278	1491	1491	http://121.4.57.204:8080/info/review/6075ae4dc7280e2ae90de21b/606c453064ad461348e31a23	62 51	0	5187
1.621 3E+12	57 77	HTTP POST REVIEW	Non HTTP response code: ja va.net.SocketException	Non HTTP response message: Connection reset	Thread Group 1- 282	text	FA LSE		24 67	0	1490	1490	http://121.4.57.204:8080/info/review/6075ae4dc7280e2ae90de21b/606c453064ad461348e31a23	0	0	5190
1.621 3E+12	60 11	HTTP POST REVIEW	Non HTTP response code: ja va.net.SocketException	Non HTTP response message: Connection reset	Thread Group 1- 207	text	FA LSE		24 67	0	1489	1489	http://121.4.57.204:8080/info/review/6075ae4dc7280e2ae90de21b/606c453064ad461348e31a23	0	0	5408
1.621 3E+12	18 021	HTTP POST REVIEW	200		Thread Group 1- 1069	text	TR UE		320	278	427	427	http://121.4.57.204:8080/info/review/6075ae4dc7280e2ae90de21b/606c453064ad461348e31a23	18 020	0	6492
1.621 3E+12	20 931	HTTP POST REVIEW	Non HTTP response code: ja va.net.SocketException	Non HTTP response message: Connection reset	Thread Group 1- 276	text	FA LSE		24 67	0	426	426	http://121.4.57.204:8080/info/review/6075ae4dc7280e2ae90de21b/606c453064ad461348e31a23	0	0	5235