

# **Group 32 | Advoc AI**

## **Non-functional: Performance Testing Report**

**(Maharshi Patel & Sharnam Shah)**

Home page:

GET:

Apache JMeter Dashboard

[Dashboard](#)

[Charts](#)

[Customs Graphs](#)

### Test and Report information

Source file	"functional_load_test_results.csv"
Start Time	"11/29/25 8:17 AM"
End Time	"11/29/25 8:20 AM"
Filter for display	""

### APDEX (Application Performance Index)

Apdex	T (Toleration threshold)	F (Frustration threshold)	Label
0.650	500 ms	1 sec 500 ms	Total
0.000	500 ms	1 sec 500 ms	06 - Auth Signup Endpoint
0.000	500 ms	1 sec 500 ms	03 - API Root
0.000	500 ms	1 sec 500 ms	04 - Lawyers List API
0.500	500 ms	1 sec 500 ms	08 - Load JavaScript
1.000	500 ms	1 sec 500 ms	07 - Admin Dashboard
1.000	500 ms	1 sec 500 ms	02 - Admin Login Page
1.000	500 ms	1 sec 500 ms	Homepage - High Load
1.000	500 ms	1 sec 500 ms	01 - Homepage
1.000	500 ms	1 sec 500 ms	Admin - High Load
1.000	500 ms	1 sec 500 ms	05 - Load CSS

### Requests Summary

PASS 70%

FAIL 30%

### Statistics

Requests	Executions			Response Times (ms)							Throughput		Network (KB/sec)	
	Label	#Samples	FAIL	Error %	Average	Min	Max	Median	90th pct	95th pct	99th pct	Transactions/s	Received	Sent
Total	1000	300	30.00%	421.15	164	1065	362.00	818.60	884.90	943.99	6.46	314.37	1.30	
01 - Homepage	100	0	0.00%	350.49	327	401	350.00	367.90	373.95	400.84	1.14	0.82	0.22	
02 - Admin Login Page	100	0	0.00%	192.34	167	247	192.00	203.80	210.75	246.87	1.14	0.82	0.23	
03 - API Root	100	100	100.00%	569.46	518	779	559.00	612.30	661.45	778.32	1.14	69.00	0.22	
04 - Lawyers List API	100	100	100.00%	560.45	510	754	557.00	584.00	602.60	753.18	1.14	69.22	0.23	
05 - Load CSS	100	0	0.00%	364.10	329	478	362.00	385.60	389.95	477.38	1.14	25.19	0.25	
06 - Auth Signup Endpoint	100	100	100.00%	559.13	517	616	559.00	584.60	594.75	615.96	1.14	69.26	0.23	
07 - Admin Dashboard	100	0	0.00%	190.75	169	211	191.00	199.90	202.00	211.00	1.14	0.82	0.22	
08 - Load JavaScript	100	0	0.00%	894.68	823	1065	884.00	943.90	1008.05	1064.86	1.13	316.53	0.26	
Admin - High Load	100	0	0.00%	177.71	164	197	177.00	187.00	188.00	196.98	6.71	4.79	1.32	
Homepage - High Load	100	0	0.00%	352.40	327	386	353.00	371.70	374.90	385.99	6.61	4.73	1.26	

### Errors

Type of error	Number of errors	% in errors	% in all samples
400/Bad Request	300	100.00%	30.00%

### Top 5 Errors by sampler

Sample	#Samples	#Errors	Error	#Errors	Error	#Errors	Error	#Errors	Error	#Errors	Error
Total	1000	300	400/Bad Request	300							
03 - API	100	100	400/Bad	100							

## Document Analyser:

GET:

HTTP Request

Name: Document analyser

Comments:

Basic Advanced

Web Server

Protocol [http]: [ ] Server Name or IP: [ ] Port Number: [ ]

HTTP Request

Method: GET Path: /document-analyser Content encoding: [ ]

Redirect Automatically  Follow Redirects  Use KeepAlive  Use multipart/form-data  Browser-compatible headers

Parameters Body Data Files Upload

Send Parameters With the Request:

Name	Value	URL Encode?	Content-Type	Include Equals?
------	-------	-------------	--------------	-----------------

View Results in Table

Name:	<input type="text" value="View Results in Table"/>								
Comments:	<input type="text"/>								
Write results to file / Read from file									
Filename:	<input type="text"/>								
<input type="button" value="Browse..."/> <input type="checkbox"/> Log/Display Only: <input type="checkbox"/> Errors <input type="checkbox"/> Successes <input type="button" value="Configure"/>									
Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	11:51:53.218	Test 3 - 500 Users...	Document analys...	398	<span style="color: green;">✓</span>	732	143	398	6
2	11:51:53.112	Test 3 - 500 Users...	Document analys...	520	<span style="color: green;">✓</span>	732	143	520	30
3	11:51:53.320	Test 3 - 500 Users...	Document analys...	344	<span style="color: green;">✓</span>	732	143	344	6
4	11:51:53.421	Test 3 - 500 Users...	Document analys...	353	<span style="color: green;">✓</span>	732	143	353	6
5	11:51:53.523	Test 3 - 500 Users...	Document analys...	359	<span style="color: green;">✓</span>	732	143	359	5
6	11:51:53.622	Test 3 - 500 Users...	Document analys...	371	<span style="color: green;">✓</span>	732	143	371	5
7	11:51:53.724	Test 3 - 500 Users...	Document analys...	371	<span style="color: green;">✓</span>	732	143	371	8
8	11:51:53.824	Test 3 - 500 Users...	Document analys...	353	<span style="color: green;">✓</span>	732	143	353	5
9	11:51:53.926	Test 3 - 500 Users...	Document analys...	367	<span style="color: green;">✓</span>	732	143	367	4
10	11:51:54.026	Test 3 - 500 Users...	Document analys...	358	<span style="color: green;">✓</span>	732	143	358	4
11	11:51:54.126	Test 3 - 500 Users...	Document analys...	351	<span style="color: green;">✓</span>	732	143	351	4
12	11:51:54.216	Test 3 - 500 Users...	Document analys...	358	<span style="color: green;">✓</span>	732	143	358	5
13	11:51:54.314	Test 3 - 500 Users...	Document analys...	362	<span style="color: green;">✓</span>	732	143	362	8
14	11:51:54.417	Test 3 - 500 Users...	Document analys...	361	<span style="color: green;">✓</span>	732	143	361	6
15	11:51:54.519	Test 3 - 500 Users...	Document analys...	374	<span style="color: green;">✓</span>	732	143	374	4
16	11:51:54.621	Test 3 - 500 Users...	Document analys...	357	<span style="color: green;">✓</span>	732	143	357	4
17	11:51:54.717	Test 3 - 500 Users...	Document analys...	376	<span style="color: green;">✓</span>	732	143	376	8
18	11:51:54.814	Test 3 - 500 Users...	Document analys...	381	<span style="color: green;">✓</span>	732	143	381	6
19	11:51:54.915	Test 3 - 500 Users...	Document analys...	356	<span style="color: green;">✓</span>	732	143	356	5
20	11:51:55.021	Test 3 - 500 Users...	Document analys...	368	<span style="color: green;">✓</span>	732	143	368	4
21	11:51:55.123	Test 3 - 500 Users...	Document analys...	375	<span style="color: green;">✓</span>	732	143	375	4
22	11:51:55.215	Test 3 - 500 Users...	Document analys...	363	<span style="color: green;">✓</span>	732	143	363	7
23	11:51:55.315	Test 3 - 500 Users...	Document analys...	370	<span style="color: green;">✓</span>	732	143	370	5
24	11:51:55.419	Test 3 - 500 Users...	Document analys...	379	<span style="color: green;">✓</span>	732	143	379	5
25	11:51:55.514	Test 3 - 500 Users...	Document analys...	363	<span style="color: green;">✓</span>	732	143	363	5
26	11:51:55.615	Test 3 - 500 Users...	Document analys...	385	<span style="color: green;">✓</span>	732	143	385	6

Scroll automatically?  Child samples?      No. of Samples: 500      Latest Sample: 367      Average: 360      Deviation: 16

POST:

Checked With 1 user, so the document analysis works for 1 user

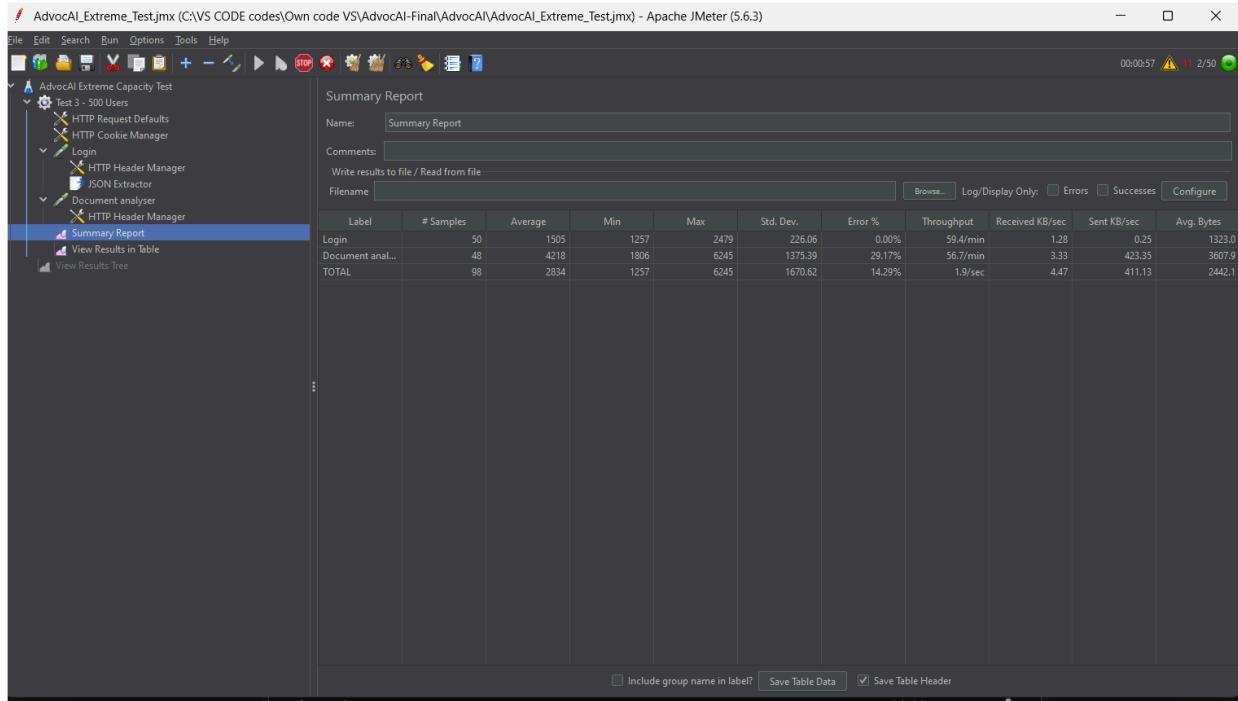
The screenshot shows the Apache JMeter interface with a test plan named "AdvocAI\_Extreme\_Capacity Test". Under "Test 3 - 500 Users", there is a "Document analyser" configuration. The "View Results Tree" listener is selected. In the results tree, under "Document analyser", there are two entries: "Login" and "Document analyse". The "Document analyse" entry is expanded, showing a raw request body and response headers. The response body contains a JSON object with various fields like Connection, Authorization, Content-Length, Content-Type, Host, and User-Agent.

Checked with 10 users, so server can manage 10 summarisations together

The screenshot shows the Apache JMeter interface with the same test plan. The "View Results in Table" listener is selected. The results table displays 20 samples from "Test 3 - 500 Users". The columns include Sample #, Start Time, Thread Name, Label, Sample Time(ms), Status, Bytes, Sent Bytes, Latency, and Connect Time(ms). The "Label" column shows entries like "Login", "Document analyser", and "Summary Report". The "Status" column shows green checkmarks for all samples. The "Bytes" and "Sent Bytes" columns show values ranging from 259 to 4556. The "Latency" and "Connect Time(ms)" columns show values ranging from 190 to 210.

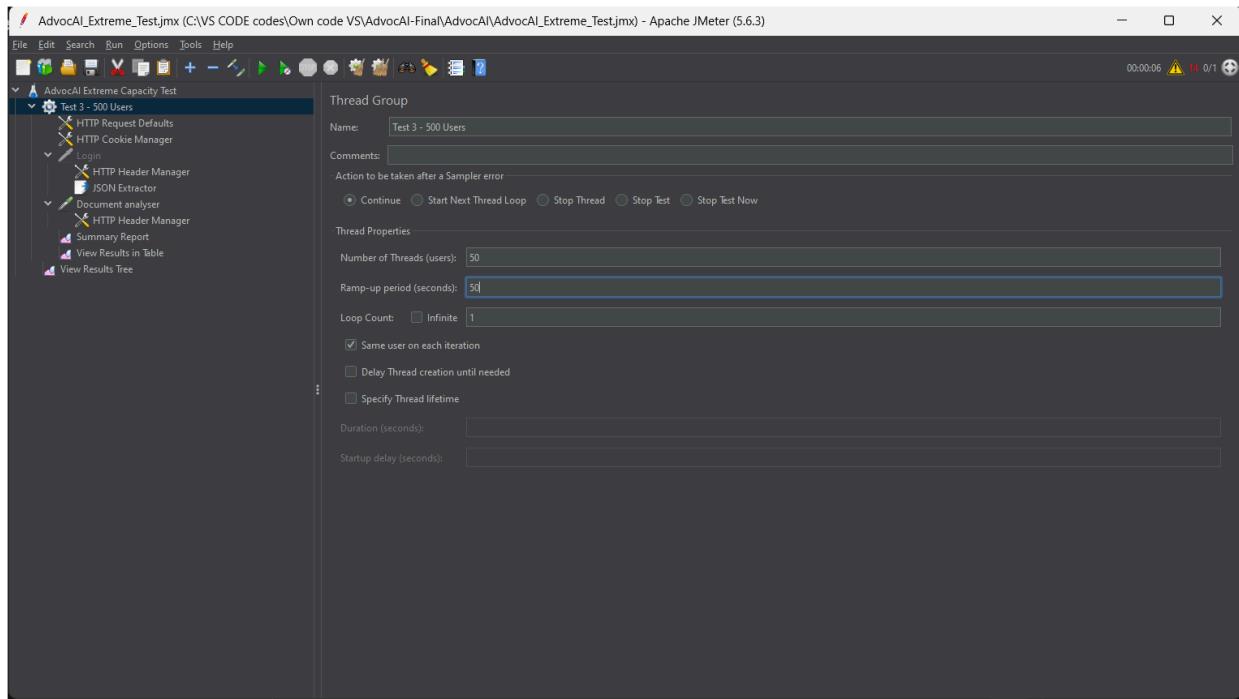
Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	13:13:18.345	Test 3 - 500 Users ...	Login	1371	✓	1323	259	1371	210
2	13:13:19.344	Test 3 - 500 Users ...	Login	1238	✓	1323	259	1238	214
3	13:13:20.351	Test 3 - 500 Users ...	Login	1482	✓	1323	259	1482	231
4	13:13:21.356	Test 3 - 500 Users ...	Login	1488	✓	1323	259	1488	245
5	13:13:22.362	Test 3 - 500 Users ...	Login	1456	✓	1323	259	1456	217
6	13:13:19.716	Test 3 - 500 Users ...	Document analyser	4943	✓	4550	458724	4894	0
7	13:13:23.350	Test 3 - 500 Users ...	Login	1467	✓	1323	259	1467	222
8	13:13:20.594	Test 3 - 500 Users ...	Document analyser	5043	✓	4550	458700	4992	0
9	13:13:24.345	Test 3 - 500 Users ...	Login	1504	✓	1323	259	1504	195
10	13:13:21.835	Test 3 - 500 Users ...	Document analyser	4756	✓	4550	458700	4722	0
11	13:13:25.344	Test 3 - 500 Users ...	Login	1404	✓	1323	259	1404	190
12	13:13:22.845	Test 3 - 500 Users ...	Document analyser	4840	✓	4550	458730	4811	0
13	13:13:26.346	Test 3 - 500 Users ...	Login	1441	✓	1323	259	1441	211
14	13:13:23.819	Test 3 - 500 Users ...	Document analyser	4971	✓	4550	458706	4937	0
15	13:13:27.355	Test 3 - 500 Users ...	Login	1460	✓	1323	259	1460	210
16	13:13:24.818	Test 3 - 500 Users ...	Document analyser	5061	✓	4550	458703	5039	0
17	13:13:25.840	Test 3 - 500 Users ...	Document analyser	5027	✓	4550	458721	4995	0
18	13:13:26.749	Test 3 - 500 Users ...	Document analyser	5218	✓	4550	458730	5189	0
19	13:13:27.787	Test 3 - 500 Users ...	Document analyser	4443	✓	4550	458700	4428	0
20	13:13:28.816	Test 3 - 500 Users ...	Document analyser	4556	✓	4550	458715	4522	0

When checked with 50 users running at the same time, we see that everyone is able to login, but about 15 people (30%) wont be able to use document analysis, at the same time as the rest off the 50 people



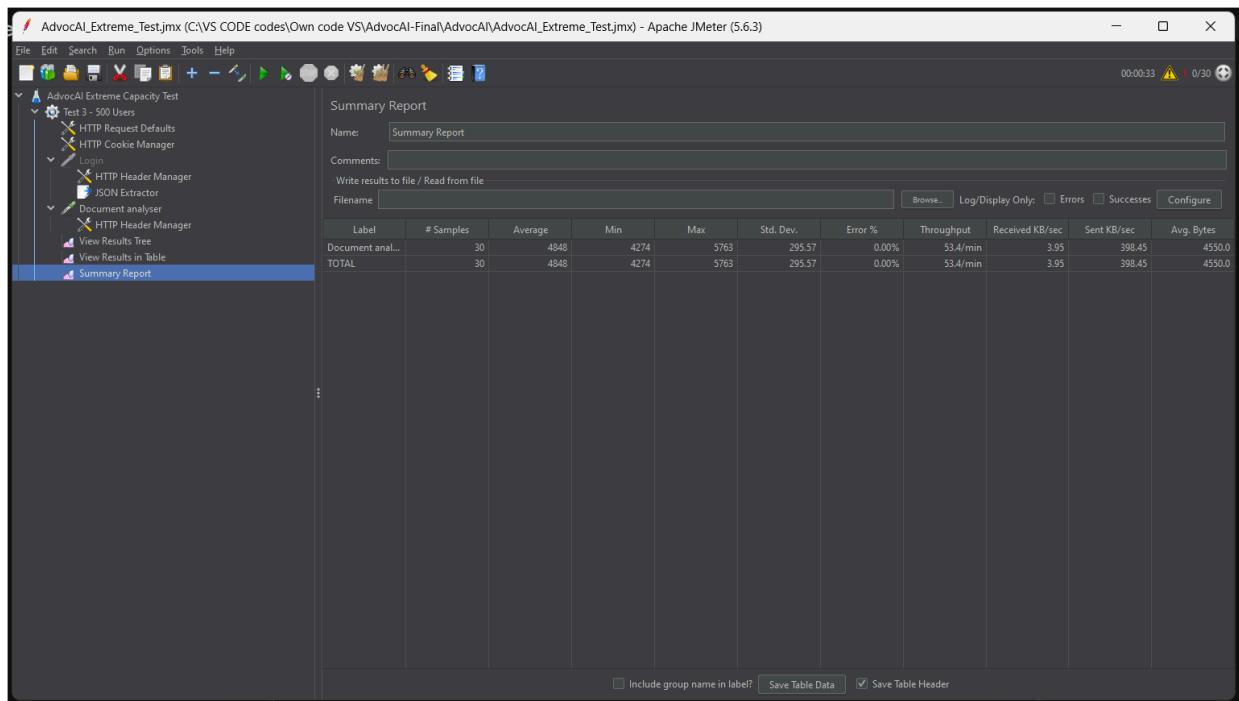
But this is due the fact that we are logging in with one account 50 times, very fast so some times the document analysis drop current login to facilitate next login

So we then simulated with 50 people together uploading a file, after they have logged in, we see that still some fail, so the API is unable to handle 50 simultaneous requests, (mainly due the free AI API tire)



On testing with 30 users (approx number of users using simultaneously)

We get below



AdvocAI\_Extreme\_Test.jmx (C:\VS CODE codes\Own code VS\AdvocAI-Final\AdvocAI\AdvocAI\_Extreme\_Test.jmx) - Apache JMeter (5.6.3)

File Edit Search Run Options Tools Help

View Results in Table

Name: View Results in Table

Comments:

Write results to file / Read from file

Filename:

Browse... Log/Display Only Errors Successes Configure

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	14:12:16,426	Test 3 - 500 Users...	Document analys...	4940	<span style="color:green;">OK</span>	4550	458718	4937	184
2	14:12:17,436	Test 3 - 500 Users...	Document analys...	4760	<span style="color:green;">OK</span>	4550	458715	4757	182
3	14:12:18,426	Test 3 - 500 Users...	Document analys...	4528	<span style="color:green;">OK</span>	4550	458724	4523	174
4	14:12:19,426	Test 3 - 500 Users...	Document analys...	5536	<span style="color:green;">OK</span>	4550	458706	5529	178
5	14:12:20,426	Test 3 - 500 Users...	Document analys...	4624	<span style="color:green;">OK</span>	4550	458730	4622	175
6	14:12:21,428	Test 3 - 500 Users...	Document analys...	4611	<span style="color:green;">OK</span>	4550	458718	4608	186
7	14:12:22,428	Test 3 - 500 Users...	Document analys...	4443	<span style="color:green;">OK</span>	4550	458712	4439	165
8	14:12:23,427	Test 3 - 500 Users...	Document analys...	5453	<span style="color:green;">OK</span>	4550	458724	5450	176
9	14:12:24,429	Test 3 - 500 Users...	Document analys...	4768	<span style="color:green;">OK</span>	4550	458730	4766	168
10	14:12:25,426	Test 3 - 500 Users...	Document analys...	4879	<span style="color:green;">OK</span>	4550	458700	4877	170
11	14:12:26,428	Test 3 - 500 Users...	Document analys...	4868	<span style="color:green;">OK</span>	4550	458718	4861	185
12	14:12:27,432	Test 3 - 500 Users...	Document analys...	4556	<span style="color:green;">OK</span>	4550	458727	4548	174
13	14:12:28,429	Test 3 - 500 Users...	Document analys...	4826	<span style="color:green;">OK</span>	4550	458709	4824	174
14	14:12:29,431	Test 3 - 500 Users...	Document analys...	4792	<span style="color:green;">OK</span>	4550	458730	4788	166
15	14:12:30,428	Test 3 - 500 Users...	Document analys...	4862	<span style="color:green;">OK</span>	4550	458703	4858	189
16	14:12:31,428	Test 3 - 500 Users...	Document analys...	4827	<span style="color:green;">OK</span>	4550	458709	4823	170
17	14:12:32,433	Test 3 - 500 Users...	Document analys...	4749	<span style="color:green;">OK</span>	4550	458703	4747	175
18	14:12:33,430	Test 3 - 500 Users...	Document analys...	5072	<span style="color:green;">OK</span>	4550	458727	5066	182
19	14:12:34,430	Test 3 - 500 Users...	Document analys...	4813	<span style="color:green;">OK</span>	4550	458715	4808	177
20	14:12:35,430	Test 3 - 500 Users...	Document analys...	4833	<span style="color:green;">OK</span>	4550	458703	4829	172
21	14:12:36,429	Test 3 - 500 Users...	Document analys...	4742	<span style="color:green;">OK</span>	4550	458727	4740	169
22	14:12:37,432	Test 3 - 500 Users...	Document analys...	4921	<span style="color:green;">OK</span>	4550	458718	4918	183
23	14:12:38,430	Test 3 - 500 Users...	Document analys...	4770	<span style="color:green;">OK</span>	4550	458727	4766	169
24	14:12:39,430	Test 3 - 500 Users...	Document analys...	4973	<span style="color:green;">OK</span>	4550	458709	4970	166
25	14:12:40,430	Test 3 - 500 Users...	Document analys...	4915	<span style="color:green;">OK</span>	4550	458730	4912	178
26	14:12:41,429	Test 3 - 500 Users...	Document analys...	4751	<span style="color:green;">OK</span>	4550	458703	4747	174

Scroll automatically?  Child samples? No of Samples: 30 Latest Sample: 4728 Average: 4848 Deviation: 295

So we found that with 20 users it ran perfectly

The screenshot displays the Apache JMeter Dashboard with the following sections:

- Test and Report information:**

Source file	"result.jtl"
Start Time	"11/29/25 2:42 PM"
End Time	"11/29/25 2:42 PM"
Filter for display	...
- APDEX (Application Performance Index):**

Apdex	T (Toleration threshold)	F (Frustration threshold)	Label
0.000	500 ms	1 sec 500 ms	Total
0.000	500 ms	1 sec 500 ms	Document analyser
- Requests Summary:**

PASS  
100%
- Statistics:**

Requests	Executions			Response Times (ms)									Throughput		Network (KB/sec)	
	Label	#Samples	FAIL	Error %	Average	Min	Max	Median	90th pct	95th pct	99th pct	Transactions/s	Received	Sent		
Total	20	0	0.00%	4986.25	4499	6388	4885.50	5435.40	6342.15	6388.00	0.85	3.77	379.63			
Document analyser	20	0	0.00%	4986.25	4499	6388	4885.50	5435.40	6342.15	6388.00	0.85	3.77	379.63			
- Errors:**

Type of error	Number of errors	% in errors	% in all samples
...	...	...	...
- Top 5 Errors by sampler:**

Sample	#Samples	#Errors	Error												
Total	20	0	...	...	...	...	...	...	...	...	...	...	...	...	...

So we found ultimately that about 50 users can use our system concurrently, we tried to find its upper limit, which shown in the volume testing below

## Document Creation:

For user : 20, rampup : 20 ; loop : 1

AdvocAI\_Extreme\_Test.jmx (C:\VS CODE codes\Own code VS\AdvocAI-Final\AdvocAI\AdvocAI\_Extreme\_Test.jmx) - Apache JMeter (5.6.3)

File Edit Search Options Tools Help 00:00:24 1/0/20 +

**Summary Report**

Name: Summary Report  
Comments:  
Write results to file / Read from file  
Filename:  Browse... Log/Display Only:  Errors  Successes  Configure

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
Chat - Document gen...	20	1249	799	1980	475.87	0.00%	1.0/sec	0.97	0.60	989.0
Chat 2 - Giving dummy...	20	2279	1114	6976	1753.47	0.00%	59.7/min	1.46	0.60	1507.5
TOTAL	40	1764	799	6976	1384.04	0.00%	1.8/sec	2.22	1.09	1248.2

Chat - Document gen... Chat 2 - Giving dummy... TOTAL

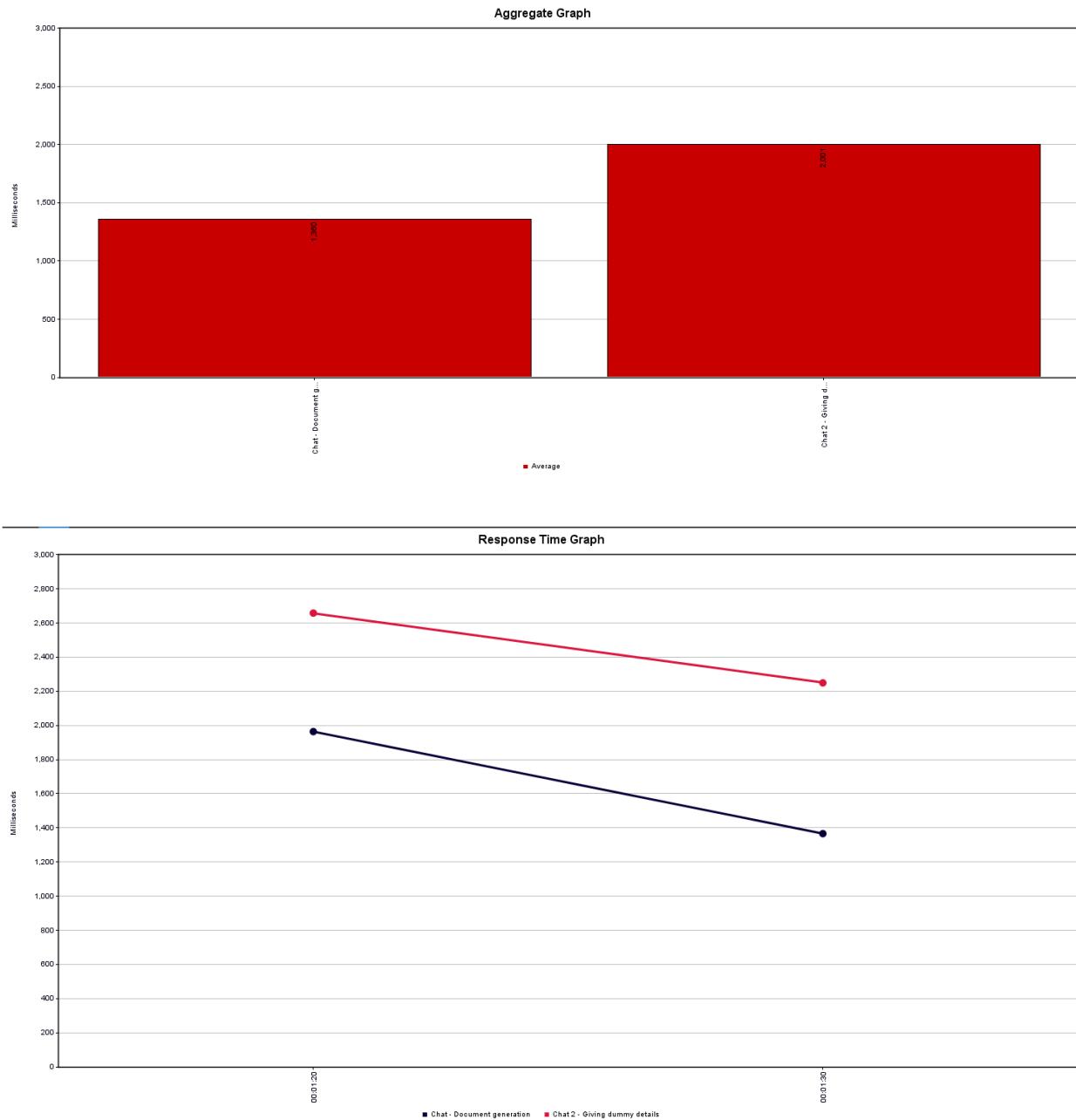
II | meet.google.com is sharing your screen. Stop sharing Hide

Include group name in label Save Table Data Save Table Header

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	23:51:18.867	Test 3 - 500 Users 1-1	Chat - Document gen...	1822	<span style="color:green;">✓</span>	1512	605	1776	248
2	23:51:19.875	Test 3 - 500 Users 1-2	Chat - Document gen...	1474	<span style="color:green;">✓</span>	1159	605	1473	249
3	23:51:20.869	Test 3 - 500 Users 1-3	Chat - Document gen...	1952	<span style="color:green;">✓</span>	1556	605	1908	229
4	23:51:21.351	Test 3 - 500 Users 1-2	Chat 2 - Giving dummy...	2084	<span style="color:green;">✓</span>	1178	618	2084	257
5	23:51:21.877	Test 3 - 500 Users 1-4	Chat - Document gen...	1696	<span style="color:green;">✓</span>	1336	605	1696	224
6	23:51:22.865	Test 3 - 500 Users 1-5	Chat - Document gen...	1980	<span style="color:green;">✓</span>	1601	605	1926	257
7	23:51:23.876	Test 3 - 500 Users 1-6	Chat - Document gen...	1795	<span style="color:green;">✓</span>	1394	605	1795	239
8	23:51:24.868	Test 3 - 500 Users 1-7	Chat - Document gen...	1851	<span style="color:green;">✓</span>	1383	605	1851	255
9	23:51:24.846	Test 3 - 500 Users 1-5	Chat 2 - Giving dummy...	1913	<span style="color:green;">✓</span>	763	618	1913	257
10	23:51:22.822	Test 3 - 500 Users 1-3	Chat 2 - Giving dummy...	4533	<span style="color:green;">✓</span>	4327	618	4550	288
11	23:51:20.691	Test 3 - 500 Users 1-1	Chat 2 - Giving dummy...	6976	<span style="color:green;">✓</span>	3925	618	6973	224
12	23:51:26.860	Test 3 - 500 Users 1-9	Chat - Document gen...	976	<span style="color:green;">✓</span>	693	605	976	283
13	23:51:25.869	Test 3 - 500 Users 1-8	Chat - Document gen...	1973	<span style="color:green;">✓</span>	1522	605	1917	249
14	23:51:23.574	Test 3 - 500 Users 1-4	Chat 2 - Giving dummy...	4816	<span style="color:green;">✓</span>	3338	618	4814	231
15	23:51:27.870	Test 3 - 500 Users 1-10	Chat - Document gen...	856	<span style="color:green;">✓</span>	693	605	856	240
16	23:51:27.837	Test 3 - 500 Users 1-9	Chat 2 - Giving dummy...	1122	<span style="color:green;">✓</span>	582	618	1122	235
17	23:51:27.842	Test 3 - 500 Users 1-8	Chat 2 - Giving dummy...	1152	<span style="color:green;">✓</span>	582	618	1152	235
18	23:51:28.877	Test 3 - 500 Users 1-11	Chat - Document gen...	837	<span style="color:green;">✓</span>	693	605	837	240
19	23:51:28.727	Test 3 - 500 Users 1-10	Chat 2 - Giving dummy...	1130	<span style="color:green;">✓</span>	582	618	1130	218
20	23:51:25.671	Test 3 - 500 Users 1-6	Chat 2 - Giving dummy...	4896	<span style="color:green;">✓</span>	3690	618	4892	1249
21	23:51:29.878	Test 3 - 500 Users 1-12	Chat - Document gen...	860	<span style="color:green;">✓</span>	693	605	859	249
22	23:51:29.715	Test 3 - 500 Users 1-11	Chat 2 - Giving dummy...	1185	<span style="color:green;">✓</span>	582	618	1185	256
23	23:51:26.719	Test 3 - 500 Users 1-7	Chat 2 - Giving dummy...	4568	<span style="color:green;">✓</span>	4502	618	4564	254
24	23:51:30.867	Test 3 - 500 Users 1-13	Chat - Document gen...	889	<span style="color:green;">✓</span>	693	605	889	273
25	23:51:30.739	Test 3 - 500 Users 1-12	Chat 2 - Giving dummy...	1152	<span style="color:green;">✓</span>	582	618	1152	253
26	23:51:31.870	Test 3 - 500 Users 1-14	Chat - Document gen...	891	<span style="color:green;">✓</span>	693	605	891	229
27	23:51:31.757	Test 3 - 500 Users 1-13	Chat 2 - Giving dummy...	1114	<span style="color:green;">✓</span>	582	618	1114	259
28	23:51:32.873	Test 3 - 500 Users 1-15	Chat - Document gen...	799	<span style="color:green;">✓</span>	693	605	799	183
29	23:51:32.762	Test 3 - 500 Users 1-14	Chat 2 - Giving dummy...	1114	<span style="color:green;">✓</span>	582	618	1114	244
30	23:51:33.870	Test 3 - 500 Users 1-16	Chat - Document gen...	870	<span style="color:green;">✓</span>	693	605	870	210
31	23:51:33.672	Test 3 - 500 Users 1-15	Chat 2 - Giving dummy...	1150	<span style="color:green;">✓</span>	582	618	1150	251
32	23:51:34.864	Test 3 - 500 Users 1-17	Chat - Document gen...	865	<span style="color:green;">✓</span>	693	605	865	241
33	23:51:34.741	Test 3 - 500 Users 1-16	Chat 2 - Giving dummy...	1166	<span style="color:green;">✓</span>	582	618	1165	256
34	23:51:35.878	Test 3 - 500 Users 1-18	Chat - Document gen...	844	<span style="color:green;">✓</span>	693	605	844	242
35	23:51:36.776	Test 3 - 500 Users 1-17	Chat 2 - Giving dummy...	1144	<span style="color:green;">✓</span>	582	618	1144	250
36	23:51:36.776	Test 3 - 500 Users 1-17	Chat - Document gen...	835	<span style="color:green;">✓</span>	693	605	909	247
37	23:51:36.776	Test 3 - 500 Users 1-17	Chat 2 - Giving dummy...	1135	<span style="color:green;">✓</span>	582	618	1135	233

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Scroll automatically? Child samples? No of Samples: 40 Latest Sample: 2077 Average: 1764 Deviation: 1384

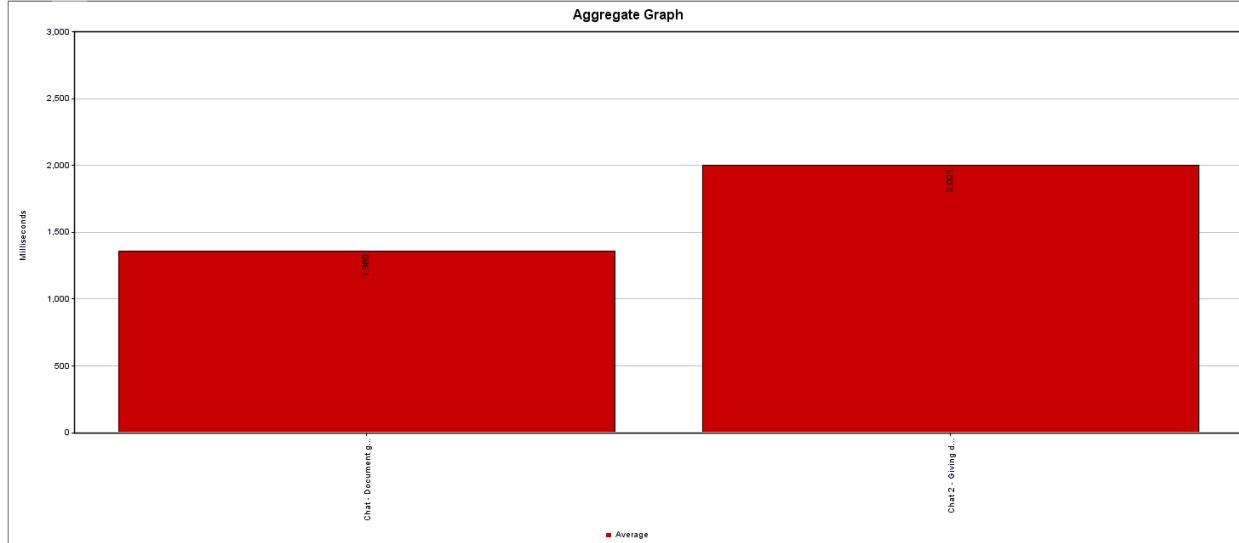


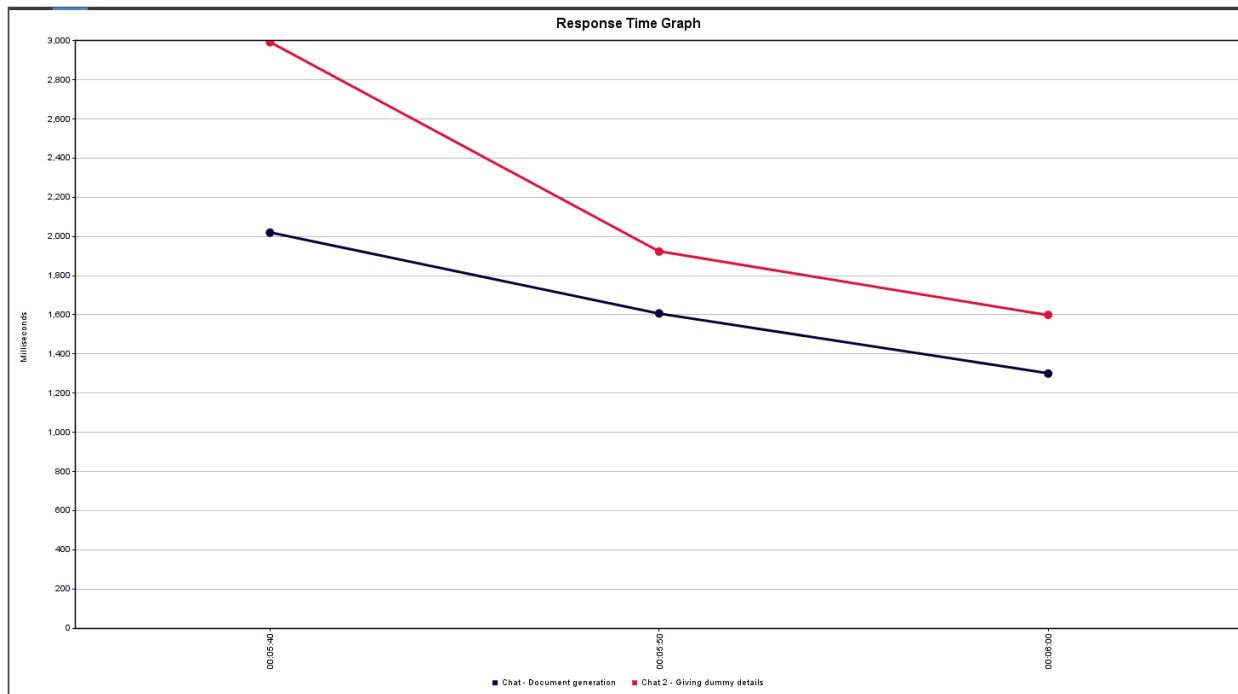
**For user : 30, rampup : 30 ; loop : 1**

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	00:05:43.750	Test 3 - 500 Users 1-1	Chat - Document gene...	2446	✓	1679	605	2396	280
2	00:05:44.763	Test 3 - 500 Users 1-2	Chat - Document gene...	2003	✓	1647	605	1954	246
3	00:05:45.755	Test 3 - 500 Users 1-3	Chat - Document gene...	1776	✓	1293	605	1776	235
4	00:05:46.764	Test 3 - 500 Users 1-4	Chat - Document gene...	1965	✓	1621	605	1909	249
5	00:05:46.768	Test 3 - 500 Users 1-2	Chat 2 - Giving dummy...	2102	✓	1165	618	2102	247
6	00:05:47.748	Test 3 - 500 Users 1-5	Chat - Document gene...	2128	✓	1699	605	2084	303
7	00:05:46.198	Test 3 - 500 Users 1-1	Chat 2 - Giving dummy...	4021	✓	4416	618	4013	240
8	00:05:46.729	Test 3 - 500 Users 1-4	Chat 2 - Giving dummy...	1942	✓	1103	618	1942	222
9	00:05:48.755	Test 3 - 500 Users 1-6	Chat - Document gene...	1936	✓	1617	605	1886	225
10	00:05:49.757	Test 3 - 500 Users 1-7	Chat - Document gene...	1881	✓	1551	605	1835	226
11	00:05:47.533	Test 3 - 500 Users 1-3	Chat 2 - Giving dummy...	4361	✓	3645	618	4357	234
12	00:05:49.877	Test 3 - 500 Users 1-5	Chat 2 - Giving dummy...	2533	✓	1471	618	2485	216
13	00:05:51.638	Test 3 - 500 Users 1-7	Chat 2 - Giving dummy...	1179	✓	582	618	1178	240
14	00:05:50.750	Test 3 - 500 Users 1-8	Chat - Document gene...	2157	✓	1655	605	2114	288
15	00:05:51.759	Test 3 - 500 Users 1-9	Chat - Document gene...	1817	✓	1552	605	1757	227
16	00:05:52.751	Test 3 - 500 Users 1-10	Chat - Document gene...	860	✓	693	605	859	231
17	00:05:52.907	Test 3 - 500 Users 1-8	Chat 2 - Giving dummy...	1131	✓	582	618	1131	237
18	00:05:50.694	Test 3 - 500 Users 1-6	Chat 2 - Giving dummy...	3889	✓	4271	618	3886	258
19	00:05:53.759	Test 3 - 500 Users 1-11	Chat - Document gene...	840	✓	693	605	840	235
20	00:05:53.577	Test 3 - 500 Users 1-9	Chat 2 - Giving dummy...	1167	✓	582	618	1167	252
21	00:05:54.759	Test 3 - 500 Users 1-12	Chat - Document gene...	884	✓	693	605	883	258
22	00:05:54.599	Test 3 - 500 Users 1-11	Chat 2 - Giving dummy...	1144	✓	582	618	1144	238
23	00:05:53.612	Test 3 - 500 Users 1-10	Chat 2 - Giving dummy...	2255	✓	1651	618	2208	201
24	00:05:55.758	Test 3 - 500 Users 1-13	Chat - Document gene...	1803	✓	1526	605	1749	215
25	00:05:55.644	Test 3 - 500 Users 1-12	Chat 2 - Giving dummy...	2320	✓	1443	618	2320	236
26	00:05:56.760	Test 3 - 500 Users 1-14	Chat - Document gene...	2051	✓	1557	605	1998	268
27	00:05:57.563	Test 3 - 500 Users 1-13	Chat 2 - Giving dummy...	2059	✓	1216	618	2059	240
28	00:05:57.764	Test 3 - 500 Users 1-15	Chat - Document gene...	1883	✓	1478	605	1825	263
29	00:05:58.755	Test 3 - 500 Users 1-16	Chat - Document gene...	2074	✓	1518	605	2029	243
30	00:05:58.812	Test 3 - 500 Users 1-14	Chat 2 - Giving dummy...	2049	✓	1078	618	2049	219
31	00:05:59.752	Test 3 - 500 Users 1-17	Chat - Document gene...	1697	✓	1433	605	1697	254
32	00:05:59.648	Test 3 - 500 Users 1-15	Chat 2 - Giving dummy...	2036	✓	1276	618	2036	250
33	00:06:00.754	Test 3 - 500 Users 1-18	Chat - Document gene...	2106	✓	1539	605	2054	233
34	00:06:01.450	Test 3 - 500 Users 1-17	Chat 2 - Giving dummy...	2245	✓	1439	618	2245	243
35	00:06:01.759	Test 3 - 500 Users 1-19	Chat - Document gene...	1992	✓	1660	605	1946	244
36	00:06:02.749	Test 3 - 500 Users 1-20	Chat - Document gene...	1961	✓	1300	605	1961	288
37	00:06:02.861	Test 3 - 500 Users 1-18	Chat 2 - Giving dummy...	1854	✓	1090	618	1854	274
..	..	..	..	..	..	..	..	..	..

Scroll automatically?  Child samples?
 No of Samples: 60
Latest Sample: 1076
Average: 1699
Deviation: 539

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
Chat - Document ge...	30	1526	830	2446	562.57	0.00%	1.0/sec	1.19	0.59	1207.3
Chat 2 - Giving dum...	30	1873	1076	4377	1015.47	0.00%	1.1/sec	1.32	0.64	1283.1
TOTAL	60	1699	830	4377	839.01	0.00%	1.9/sec	2.36	1.16	1245.2





## For users 40, Rampup 40, loop 1

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	00:11:00.174	Test 3 - 500 Users 1-1	Chat - Document gene...	1787	✓	1364	605	1787	219
2	00:11:01.181	Test 3 - 500 Users 1-2	Chat - Document gene...	2143	✓	1578	605	2096	257
3	00:11:02.181	Test 3 - 500 Users 1-3	Chat - Document gene...	2093	✓	1652	605	2028	241
4	00:11:03.181	Test 3 - 500 Users 1-4	Chat - Document gene...	2215	✓	1512	605	2159	247
5	00:11:03.326	Test 3 - 500 Users 1-2	Chat 2 - Giving dummy...	2106	✓	1322	618	2106	241
6	00:11:04.181	Test 3 - 500 Users 1-5	Chat - Document gene...	1812	✓	1623	605	1765	217
7	00:11:01.963	Test 3 - 500 Users 1-1	Chat 2 - Giving dummy...	4353	✓	3365	618	4350	229
8	00:11:05.181	Test 3 - 500 Users 1-6	Chat - Document gene...	1751	✓	1146	605	1750	240
9	00:11:05.395	Test 3 - 500 Users 1-4	Chat 2 - Giving dummy...	1914	✓	1127	618	1914	232
10	00:11:04.266	Test 3 - 500 Users 1-3	Chat 2 - Giving dummy...	3798	✓	3770	618	3756	260
11	00:11:06.179	Test 3 - 500 Users 1-7	Chat - Document gene...	1890	✓	1632	605	1847	249
12	00:11:05.994	Test 3 - 500 Users 1-5	Chat 2 - Giving dummy...	2423	✓	1404	618	2423	232
13	00:11:06.932	Test 3 - 500 Users 1-6	Chat 2 - Giving dummy...	1954	✓	1109	618	1953	212
14	00:11:07.176	Test 3 - 500 Users 1-8	Chat - Document gene...	1939	✓	1465	605	1896	215
15	00:11:09.170	Test 3 - 500 Users 1-10	Chat - Document gene...	854	✓	693	605	854	246
16	00:11:08.173	Test 3 - 500 Users 1-9	Chat - Document gene...	1873	✓	1489	605	1818	219
17	00:11:09.116	Test 3 - 500 Users 1-8	Chat 2 - Giving dummy...	1155	✓	582	618	1155	257
18	00:11:10.170	Test 3 - 500 Users 1-11	Chat - Document gene...	873	✓	693	605	872	239
19	00:11:10.025	Test 3 - 500 Users 1-10	Chat 2 - Giving dummy...	1123	✓	582	618	1123	231
20	00:11:10.047	Test 3 - 500 Users 1-9	Chat 2 - Giving dummy...	1146	✓	582	618	1145	236
21	00:11:11.172	Test 3 - 500 Users 1-12	Chat - Document gene...	844	✓	693	605	844	257
22	00:11:11.044	Test 3 - 500 Users 1-11	Chat 2 - Giving dummy...	1112	✓	582	618	1111	227
23	00:11:08.068	Test 3 - 500 Users 1-7	Chat 2 - Giving dummy...	4706	✓	4013	618	4702	244
24	00:11:12.180	Test 3 - 500 Users 1-13	Chat - Document gene...	806	✓	693	605	806	195
25	00:11:12.018	Test 3 - 500 Users 1-12	Chat 2 - Giving dummy...	1121	✓	582	618	1121	197
26	00:11:13.181	Test 3 - 500 Users 1-14	Chat - Document gene...	858	✓	693	605	857	225
27	00:11:12.987	Test 3 - 500 Users 1-13	Chat 2 - Giving dummy...	1145	✓	582	618	1145	241
28	00:11:14.184	Test 3 - 500 Users 1-15	Chat - Document gene...	853	✓	693	605	853	220
29	00:11:14.039	Test 3 - 500 Users 1-14	Chat 2 - Giving dummy...	1118	✓	582	618	1118	224
30	00:11:15.037	Test 3 - 500 Users 1-15	Chat 2 - Giving dummy...	1163	✓	582	618	1163	227
31	00:11:15.179	Test 3 - 500 Users 1-16	Chat - Document gene...	1848	✓	693	605	1848	1248
32	00:11:16.182	Test 3 - 500 Users 1-17	Chat - Document gene...	875	✓	693	605	875	245
33	00:11:17.179	Test 3 - 500 Users 1-18	Chat - Document gene...	1030	✓	693	605	1030	221
34	00:11:17.057	Test 3 - 500 Users 1-17	Chat 2 - Giving dummy...	1316	✓	582	618	1316	236
35	00:11:17.028	Test 3 - 500 Users 1-16	Chat 2 - Giving dummy...	1347	✓	582	618	1347	244
36	00:11:18.178	Test 3 - 500 Users 1-19	Chat - Document gene...	840	✓	693	605	839	241
37	00:11:18.209	Test 3 - 500 Users 1-18	Chat 2 - Giving dummy...	1120	✓	582	618	1120	240

Scroll automatically?  Child samples?

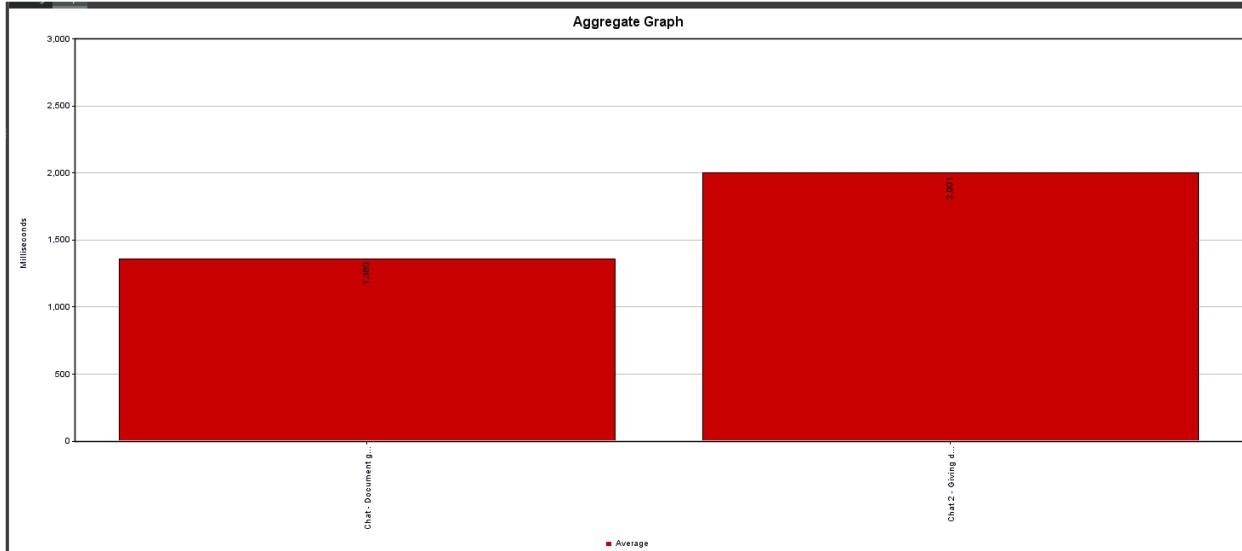
No of Samples: 80

Latest Sample: 1137

Average: 1307

Deviation: 710

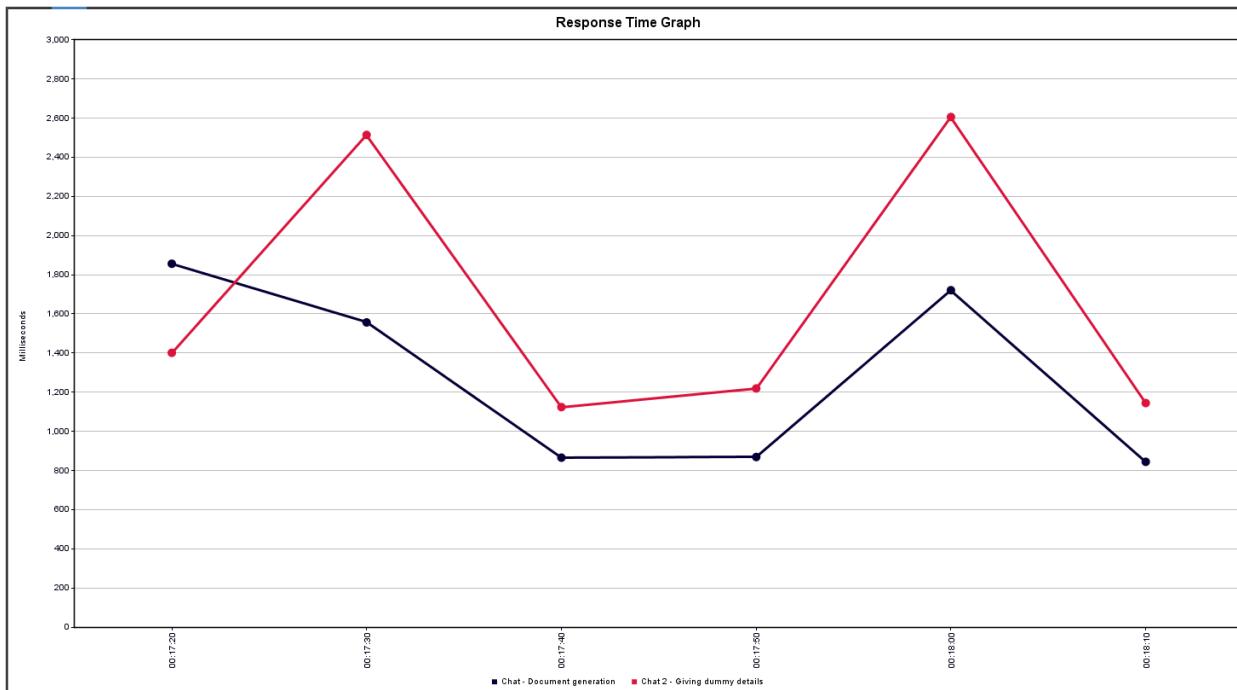
Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
Chat - Document ge...	40	1136	806	2215	466.41	0.00%	1.0/sec	0.86	0.59	873.6
Chat 2 - Giving dum...	40	1478	1082	4706	855.17	0.00%	1.0/sec	0.88	0.62	882.9
TOTAL	80	1307	806	4706	710.38	0.00%	2.0/sec	1.67	1.17	878.2



## For users 60, Rampup 60, loop 1:

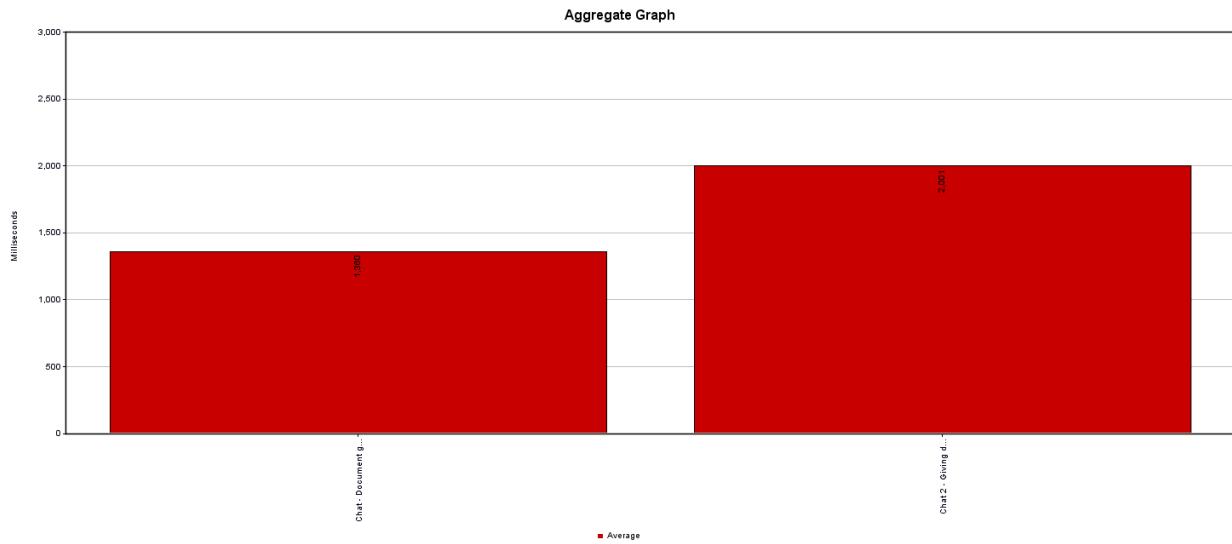
Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
Chat - Document ge...	60	1152	790	2214	470.16	0.00%	1.0/sec	0.90	0.59	918.6
Chat 2 - Giving dum...	60	1664	1081	4950	1053.17	0.00%	1.0/sec	1.15	0.61	1163.7
TOTAL	120	1408	790	4950	854.80	0.00%	2.0/sec	2.00	1.18	1041.1





## Users 120, Ramp up : 60, loop 1

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
Chat - Document ge...	120	1052	785	2396	431.42	0.00%	2.0/sec	1.64	1.18	844.7
Chat 2 - Giving dum...	120	1399	1054	5194	827.81	0.00%	2.0/sec	1.67	1.23	844.2
TOTAL	240	1226	785	5194	682.45	0.00%	3.9/sec	3.22	2.33	844.5



Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	00:22:20.628	Test 3 - 500 Users 1-1	Chat - Document gene...	2396	✓	1713	605	2336	233
2	00:22:21.142	Test 3 - 500 Users 1-2	Chat - Document gene...	2007	✓	1349	605	2007	241
3	00:22:21.638	Test 3 - 500 Users 1-3	Chat - Document gene...	1771	✓	1484	605	1714	175
4	00:22:22.121	Test 3 - 500 Users 1-4	Chat - Document gene...	1713	✓	1294	605	1713	195
5	00:22:22.628	Test 3 - 500 Users 1-5	Chat - Document gene...	1954	✓	1745	605	1901	236
6	00:22:23.120	Test 3 - 500 Users 1-6	Chat - Document gene...	1768	✓	1590	605	1721	230
7	00:22:23.151	Test 3 - 500 Users 1-2	Chat 2 - Giving dummy...	2155	✓	1201	618	2154	234
8	00:22:23.620	Test 3 - 500 Users 1-7	Chat - Document gene...	1824	✓	1209	605	1824	246
9	00:22:23.409	Test 3 - 500 Users 1-3	Chat 2 - Giving dummy...	2091	✓	1294	618	2091	227
10	00:22:24.119	Test 3 - 500 Users 1-8	Chat - Document gene...	2040	✓	1743	605	1992	238
11	00:22:25.627	Test 3 - 500 Users 1-11	Chat - Document gene...	893	✓	693	605	893	253
12	00:22:24.625	Test 3 - 500 Users 1-9	Chat - Document gene...	1915	✓	1550	605	1867	229
13	00:22:25.545	Test 3 - 500 Users 1-7	Chat 2 - Giving dummy...	1161	✓	582	618	1161	230
14	00:22:26.122	Test 3 - 500 Users 1-12	Chat - Document gene...	842	✓	693	605	842	235
15	00:22:24.888	Test 3 - 500 Users 1-6	Chat 2 - Giving dummy...	2168	✓	1275	618	2168	240
16	00:22:25.119	Test 3 - 500 Users 1-10	Chat - Document gene...	1943	✓	1574	605	1883	251
17	00:22:26.160	Test 3 - 500 Users 1-8	Chat 2 - Giving dummy...	1152	✓	582	618	1152	247
18	00:22:26.629	Test 3 - 500 Users 1-13	Chat - Document gene...	866	✓	693	605	866	241
19	00:22:28.521	Test 3 - 500 Users 1-11	Chat 2 - Giving dummy...	1152	✓	582	618	1152	236
20	00:22:28.541	Test 3 - 500 Users 1-9	Chat 2 - Giving dummy...	1154	✓	582	618	1154	239
21	00:22:27.120	Test 3 - 500 Users 1-14	Chat - Document gene...	881	✓	693	605	881	258
22	00:22:26.694	Test 3 - 500 Users 1-12	Chat 2 - Giving dummy...	1159	✓	582	618	1159	253
23	00:22:27.063	Test 3 - 500 Users 1-10	Chat 2 - Giving dummy...	1145	✓	582	618	1145	234
24	00:22:28.324	Test 3 - 500 Users 1-1	Chat 2 - Giving dummy...	5194	✓	5114	618	5190	246
25	00:22:23.834	Test 3 - 500 Users 1-4	Chat 2 - Giving dummy...	4474	✓	4864	618	4459	227
26	00:22:27.768	Test 3 - 500 Users 1-15	Chat - Document gene...	848	✓	693	605	848	237
27	00:22:27.497	Test 3 - 500 Users 1-13	Chat 2 - Giving dummy...	1179	✓	582	618	1179	254
28	00:22:24.583	Test 3 - 500 Users 1-5	Chat 2 - Giving dummy...	4198	✓	4009	618	4194	245
29	00:22:28.121	Test 3 - 500 Users 1-16	Chat - Document gene...	820	✓	693	605	820	237
30	00:22:28.003	Test 3 - 500 Users 1-14	Chat 2 - Giving dummy...	1116	✓	582	618	1116	226
31	00:22:28.625	Test 3 - 500 Users 1-17	Chat - Document gene...	882	✓	693	605	882	255
32	00:22:28.477	Test 3 - 500 Users 1-15	Chat 2 - Giving dummy...	1097	✓	582	618	1097	213
33	00:22:29.126	Test 3 - 500 Users 1-18	Chat - Document gene...	865	✓	693	605	865	234
34	00:22:28.942	Test 3 - 500 Users 1-16	Chat 2 - Giving dummy...	1109	✓	582	618	1108	216
35	00:22:29.639	Test 3 - 500 Users 1-19	Chat - Document gene...	837	✓	693	605	837	222
36	00:22:29.508	Test 3 - 500 Users 1-17	Chat 2 - Giving dummy...	1150	✓	582	618	1150	238
37	00:23:01.21	Test 3 - 500 Users 1-20	Chat - Document gene...	833	✓	693	605	833	224
..	..	..	..	..	..	..	..	..	..

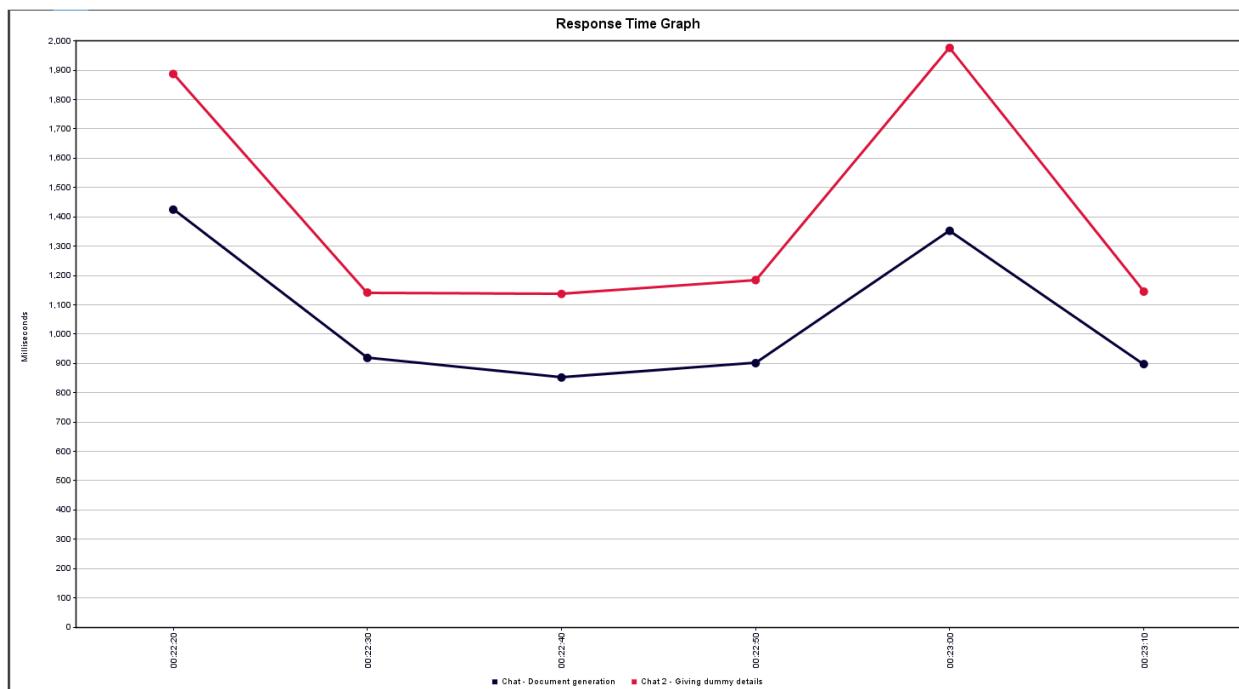
Scroll automatically?  Child samples?

No of Samples: 240

Latest Sample: 1157

Average: 1226

Deviation: 682



## For users 40, rampup 10, loop1

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
Chat - Document gene...	40	1247	826	2195	526.97	0.00%	3.8/sec	3.53	2.23	956.7
Chat 2 - Giving dum...	40	1488	1080	4522	848.32	0.00%	4.2/sec	3.49	2.52	857.9
TOTAL	80	1368	826	4522	716.39	0.00%	6.8/sec	6.04	4.07	907.3

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	00:26:23.313	Test 3 - 500 Users 1-1	Chat - Document gene...	2131	✓	1527	605	2088	248
2	00:26:23.568	Test 3 - 500 Users 1-2	Chat - Document gene...	2129	✓	1647	605	2084	229
3	00:26:23.819	Test 3 - 500 Users 1-3	Chat - Document gene...	1945	✓	1659	605	1892	241
4	00:26:24.069	Test 3 - 500 Users 1-4	Chat - Document gene...	1817	✓	1302	605	1817	210
5	00:26:24.314	Test 3 - 500 Users 1-5	Chat - Document gene...	1979	✓	1757	605	1918	243
6	00:26:24.809	Test 3 - 500 Users 1-7	Chat - Document gene...	1721	✓	1254	605	1720	246
7	00:26:24.559	Test 3 - 500 Users 1-6	Chat - Document gene...	1997	✓	1665	605	1954	204
8	00:26:25.050	Test 3 - 500 Users 1-8	Chat - Document gene...	1717	✓	1257	605	1717	239
9	00:26:26.059	Test 3 - 500 Users 1-12	Chat - Document gene...	873	✓	693	605	873	233
10	00:26:26.318	Test 3 - 500 Users 1-13	Chat - Document gene...	826	✓	693	605	826	194
11	00:26:25.316	Test 3 - 500 Users 1-9	Chat - Document gene...	2026	✓	1698	605	1968	234
12	00:26:26.293	Test 3 - 500 Users 1-5	Chat 2 - Giving dummy...	1080	✓	582	618	1079	196
13	00:26:26.559	Test 3 - 500 Users 1-14	Chat - Document gene...	872	✓	693	605	872	230
14	00:26:25.810	Test 3 - 500 Users 1-11	Chat - Document gene...	1791	✓	1498	605	1734	232
15	00:26:25.538	Test 3 - 500 Users 1-10	Chat - Document gene...	2060	✓	1792	605	2015	225
16	00:26:26.530	Test 3 - 500 Users 1-7	Chat 2 - Giving dummy...	1106	✓	582	618	1105	193
17	00:26:26.810	Test 3 - 500 Users 1-15	Chat - Document gene...	872	✓	693	605	872	236
18	00:26:27.059	Test 3 - 500 Users 1-16	Chat - Document gene...	854	✓	693	605	854	234
19	00:26:25.887	Test 3 - 500 Users 1-4	Chat 2 - Giving dummy...	2034	✓	984	618	2034	219
20	00:26:26.778	Test 3 - 500 Users 1-8	Chat 2 - Giving dummy...	1175	✓	582	618	1175	258
21	00:26:27.322	Test 3 - 500 Users 1-17	Chat - Document gene...	867	✓	693	605	867	242
22	00:26:27.145	Test 3 - 500 Users 1-13	Chat 2 - Giving dummy...	1150	✓	582	618	1150	248
23	00:26:26.557	Test 3 - 500 Users 1-6	Chat 2 - Giving dummy...	1852	✓	582	618	1851	188
24	00:26:27.343	Test 3 - 500 Users 1-9	Chat 2 - Giving dummy...	1170	✓	582	618	1170	250
25	00:26:27.432	Test 3 - 500 Users 1-14	Chat 2 - Giving dummy...	1158	✓	582	618	1158	234
26	00:26:27.808	Test 3 - 500 Users 1-19	Chat - Document gene...	886	✓	693	605	886	248
27	00:26:27.601	Test 3 - 500 Users 1-11	Chat 2 - Giving dummy...	1126	✓	582	618	1126	229
28	00:26:27.619	Test 3 - 500 Users 1-10	Chat 2 - Giving dummy...	1144	✓	582	618	1144	249
29	00:26:26.932	Test 3 - 500 Users 1-12	Chat 2 - Giving dummy...	1893	✓	582	618	1893	250
30	00:26:28.059	Test 3 - 500 Users 1-20	Chat - Document gene...	860	✓	693	605	860	241
31	00:26:27.914	Test 3 - 500 Users 1-16	Chat 2 - Giving dummy...	1180	✓	582	618	1179	249
32	00:26:27.558	Test 3 - 500 Users 1-18	Chat - Document gene...	1619	✓	693	605	1619	232
33	00:26:28.315	Test 3 - 500 Users 1-21	Chat - Document gene...	991	✓	693	605	991	244
34	00:26:28.560	Test 3 - 500 Users 1-22	Chat - Document gene...	885	✓	693	605	885	256
35	00:26:25.445	Test 3 - 500 Users 1-1	Chat 2 - Giving dummy...	4067	✓	3757	618	4063	233
36	00:26:27.682	Test 3 - 500 Users 1-15	Chat 2 - Giving dummy...	1883	✓	582	618	1883	229
37	00:26:28.809	Test 3 - 500 Users 1-23	Chat - Document gene...	866	✓	693	605	866	243
..	..	..	..	..	..	..	..	..	..

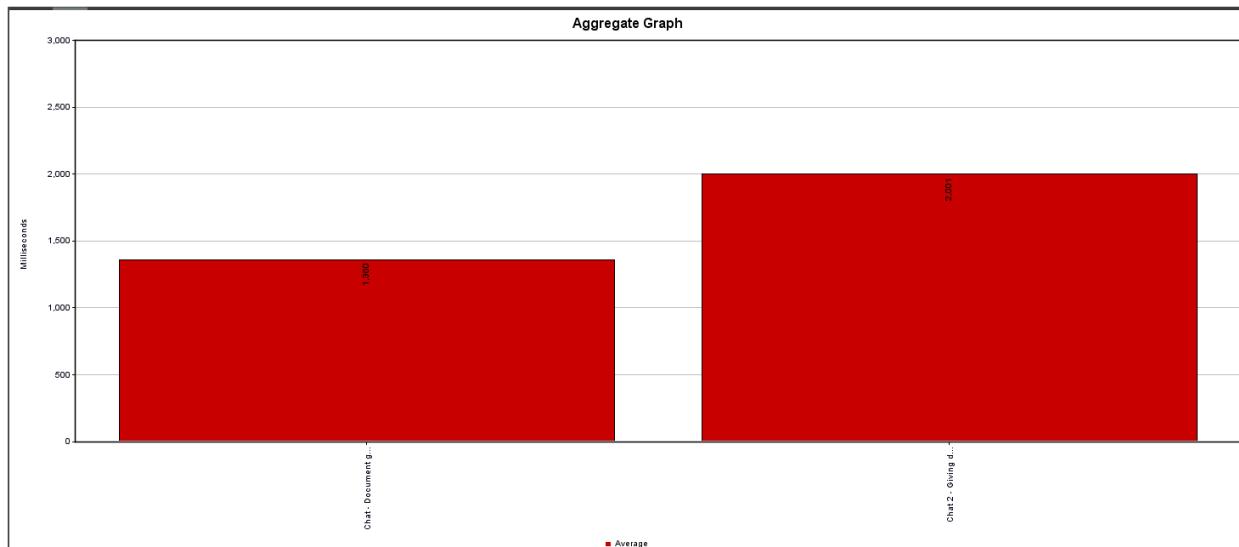
Scroll automatically?  Child samples?

No of Samples 80

Latest Sample 1134

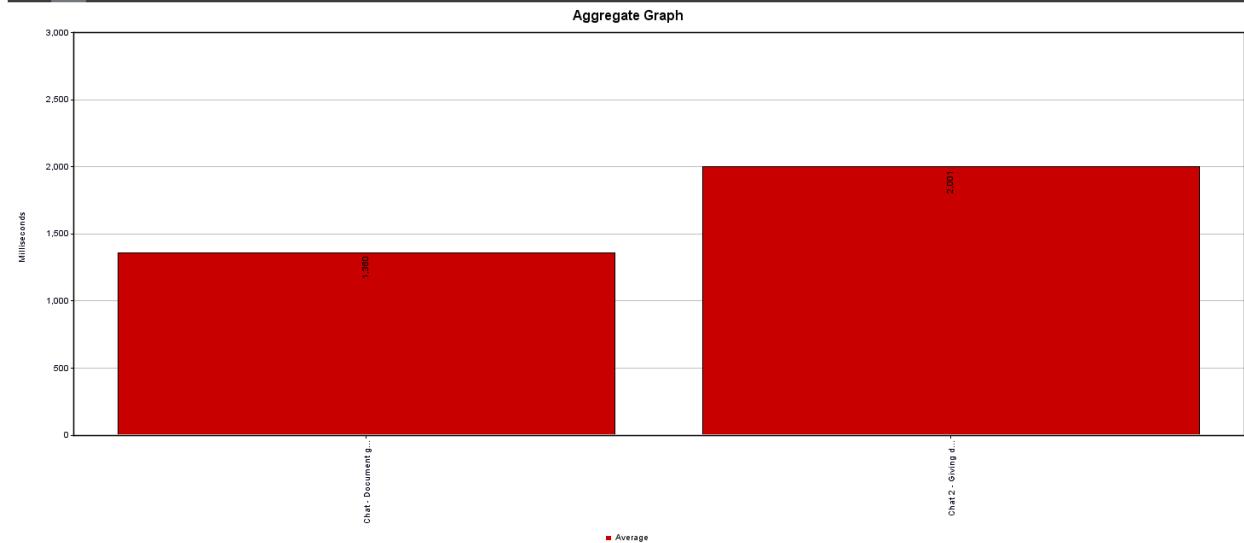
Average 1368

Deviation 716



## For 100 users, Rampup 10, loop 1

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
Chat - Document ge...	100	1091	776	2151	401.34	0.00%	9.3/sec	7.53	5.50	827.3
Chat 2 - Giving dum...	100	1326	1057	3412	374.39	0.00%	9.9/sec	5.62	5.97	582.0
TOTAL	200	1208	776	3412	405.42	0.00%	16.7/sec	11.52	9.99	704.7



Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	00:29:10.475	Test 3 - 500 Users 1-4	Chat - Document gene...	1546	✓	1338	605	1546	237
2	00:29:10.273	Test 3 - 500 Users 1-2	Chat - Document gene...	1888	✓	1463	605	1834	241
3	00:29:10.178	Test 3 - 500 Users 1-1	Chat - Document gene...	2151	✓	1657	605	2106	259
4	00:29:10.569	Test 3 - 500 Users 1-5	Chat - Document gene...	1868	✓	1614	605	1811	238
5	00:29:10.382	Test 3 - 500 Users 1-3	Chat - Document gene...	2102	✓	1744	605	2057	233
6	00:29:10.678	Test 3 - 500 Users 1-6	Chat - Document gene...	1852	✓	1532	605	1800	248
7	00:29:11.771	Test 3 - 500 Users 1-17	Chat - Document gene...	931	✓	693	605	931	266
8	00:29:11.870	Test 3 - 500 Users 1-18	Chat - Document gene...	856	✓	693	605	856	251
9	00:29:10.773	Test 3 - 500 Users 1-7	Chat - Document gene...	1959	✓	1661	605	1908	230
10	00:29:11.970	Test 3 - 500 Users 1-19	Chat - Document gene...	874	✓	693	605	874	244
11	00:29:10.967	Test 3 - 500 Users 1-9	Chat - Document gene...	1895	✓	1258	605	1894	250
12	00:29:10.867	Test 3 - 500 Users 1-8	Chat - Document gene...	2044	✓	1634	605	1994	244
13	00:29:12.070	Test 3 - 500 Users 1-20	Chat - Document gene...	899	✓	693	605	899	267
14	00:29:11.068	Test 3 - 500 Users 1-10	Chat - Document gene...	1947	✓	1623	605	1903	244
15	00:29:11.270	Test 3 - 500 Users 1-12	Chat - Document gene...	1808	✓	1220	605	1807	241
16	00:29:12.177	Test 3 - 500 Users 1-21	Chat - Document gene...	902	✓	693	605	902	255
17	00:29:12.268	Test 3 - 500 Users 1-22	Chat - Document gene...	862	✓	693	605	862	241
18	00:29:12.021	Test 3 - 500 Users 1-4	Chat 2 - Giving dummy...	1173	✓	582	618	1173	265
19	00:29:11.176	Test 3 - 500 Users 1-11	Chat - Document gene...	2023	✓	1618	605	1979	248
20	00:29:11.379	Test 3 - 500 Users 1-13	Chat - Document gene...	1836	✓	1621	605	1790	255
21	00:29:12.369	Test 3 - 500 Users 1-23	Chat - Document gene...	875	✓	693	605	875	261
22	00:29:12.469	Test 3 - 500 Users 1-24	Chat - Document gene...	882	✓	693	605	882	251
23	00:29:12.163	Test 3 - 500 Users 1-2	Chat 2 - Giving dummy...	1217	✓	582	618	1217	240
24	00:29:11.566	Test 3 - 500 Users 1-15	Chat - Document gene...	1854	✓	1498	605	1800	235
25	00:29:11.672	Test 3 - 500 Users 1-16	Chat - Document gene...	1760	✓	1349	605	1759	240
26	00:29:12.569	Test 3 - 500 Users 1-25	Chat - Document gene...	876	✓	693	605	876	242
27	00:29:11.472	Test 3 - 500 Users 1-14	Chat - Document gene...	2008	✓	1691	605	1955	247
28	00:29:12.330	Test 3 - 500 Users 1-1	Chat 2 - Giving dummy...	1171	✓	582	618	1171	253
29	00:29:12.670	Test 3 - 500 Users 1-26	Chat - Document gene...	883	✓	693	605	882	231
30	00:29:12.770	Test 3 - 500 Users 1-27	Chat - Document gene...	871	✓	693	605	871	243
31	00:29:12.869	Test 3 - 500 Users 1-28	Chat - Document gene...	873	✓	693	605	873	255
32	00:29:12.971	Test 3 - 500 Users 1-29	Chat - Document gene...	868	✓	693	605	868	243
33	00:29:12.703	Test 3 - 500 Users 1-17	Chat 2 - Giving dummy...	1170	✓	582	618	1170	236
34	00:29:12.727	Test 3 - 500 Users 1-18	Chat 2 - Giving dummy...	1171	✓	582	618	1171	251
35	00:29:13.174	Test 3 - 500 Users 1-31	Chat - Document gene...	919	✓	693	605	919	244
36	00:29:12.862	Test 3 - 500 Users 1-9	Chat 2 - Giving dummy...	1242	✓	582	618	1241	251
37	00:29:13.071	Test 3 - 500 Users 1-30	Chat - Document gene...	1051	✓	693	605	1051	235

Scroll automatically?  Child samples?

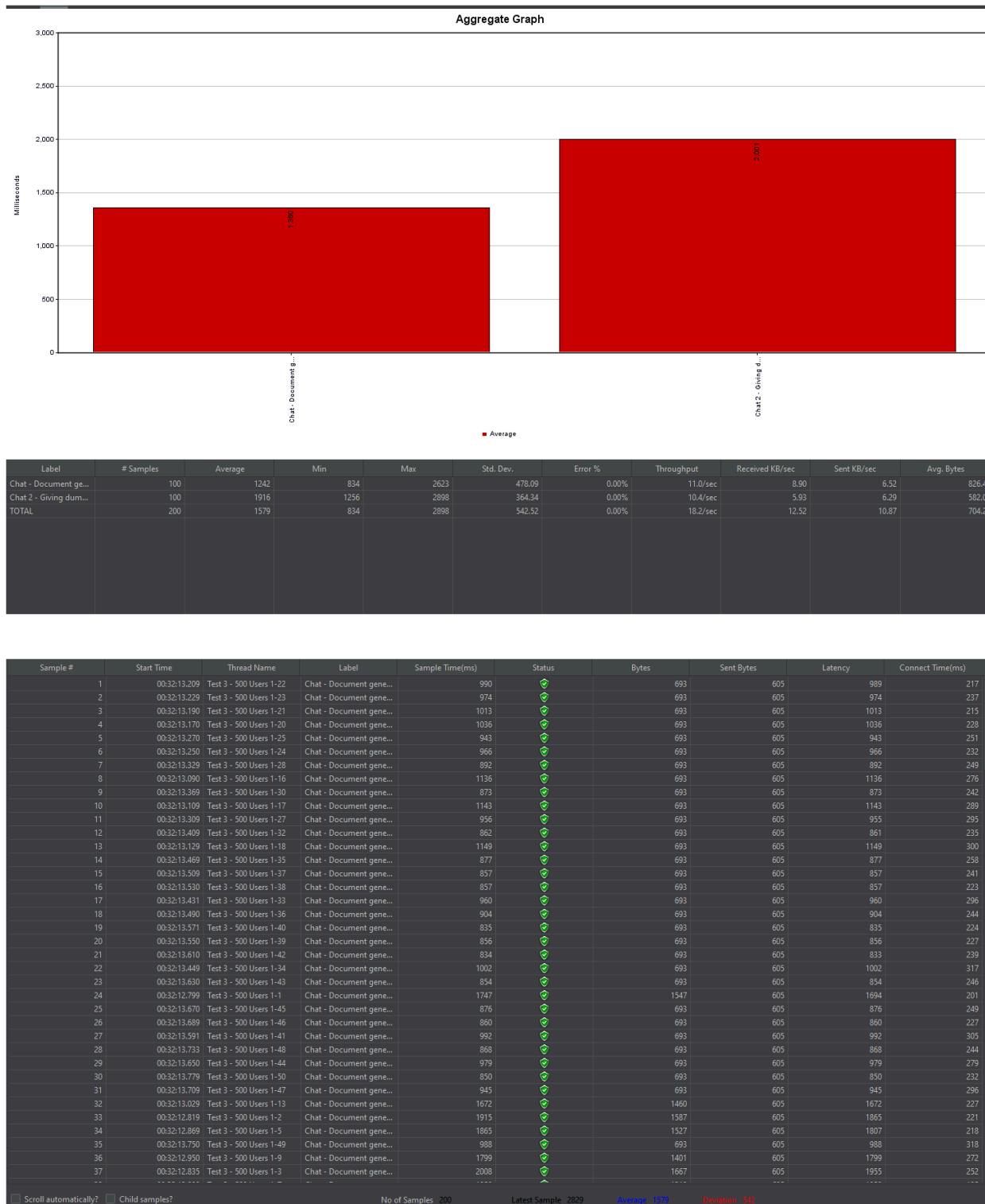
No of Samples 200

Latest Sample 1158

Average 1208

Deviation 405

For 50 users, 1 rampup, 2 loops

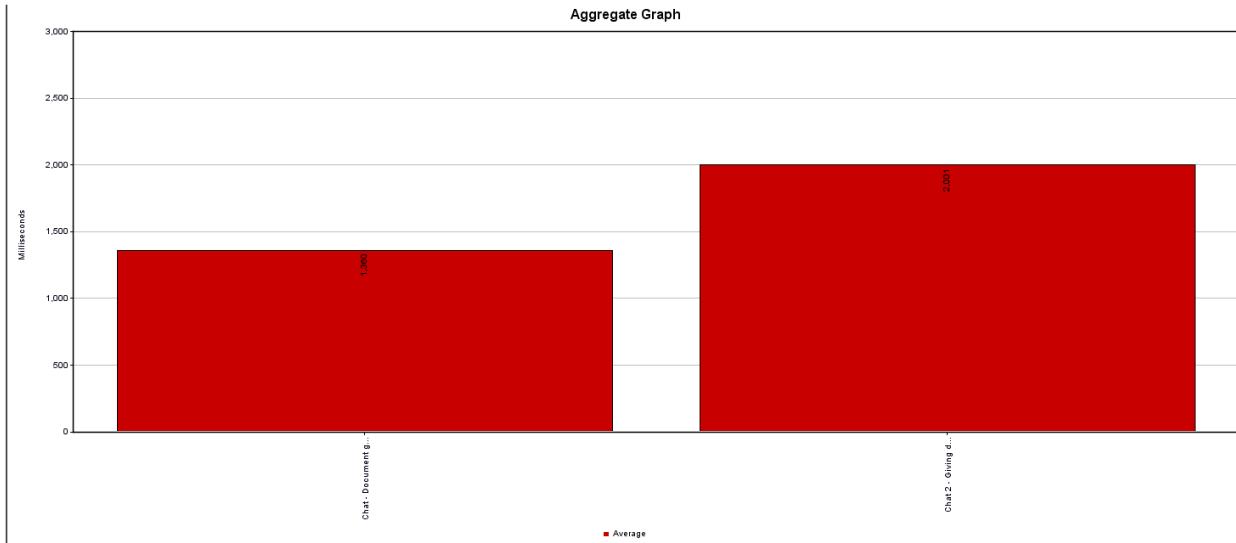


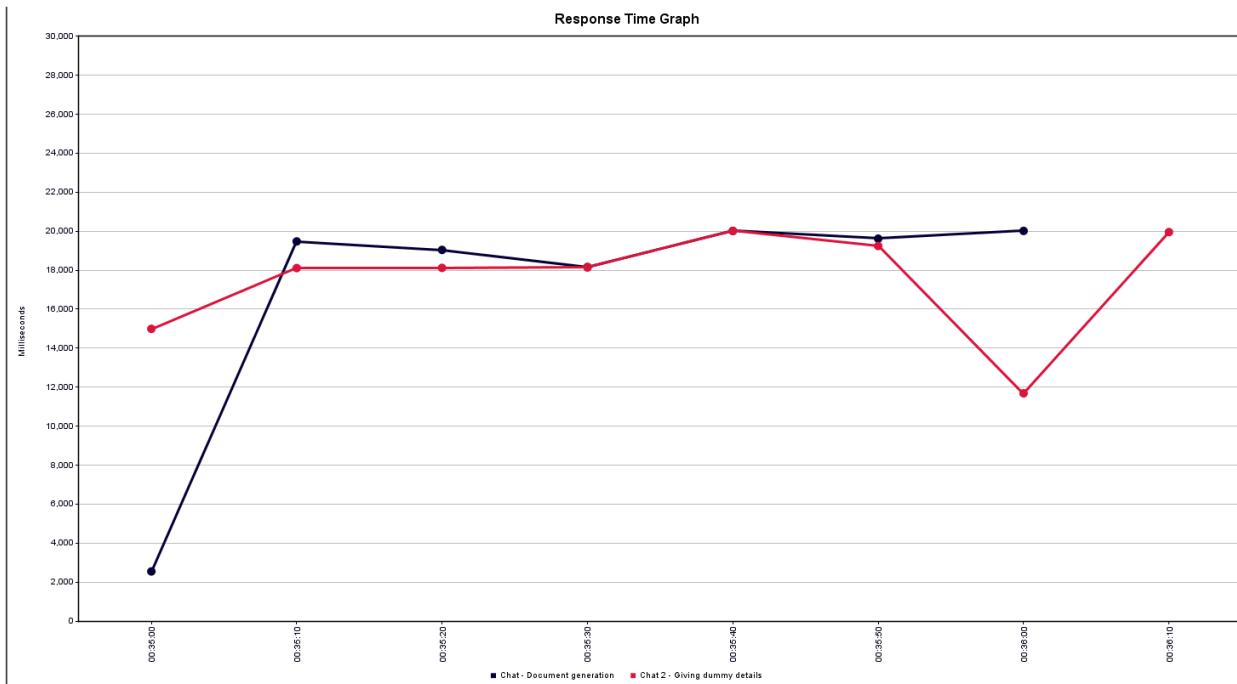
## For 1000 users, 10 rampup, 2 sec

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
217	00:35:10.197	Test 3 - 500 Users 1-53	Chat 2 - Giving dummy...	4741	✓	582	618	4741	225
218	00:35:10.231	Test 3 - 500 Users 1-198	Chat - Document gene...	4709	✓	693	605	4709	223
219	00:35:09.620	Test 3 - 500 Users 1-137	Chat - Document gene...	5334	✓	695	605	5334	230
220	00:35:09.568	Test 3 - 500 Users 1-24	Chat 2 - Giving dummy...	5403	✓	582	618	5403	231
221	00:35:10.209	Test 3 - 500 Users 1-42	Chat 2 - Giving dummy...	4767	✓	582	618	4766	233
222	00:35:09.561	Test 3 - 500 Users 1-131	Chat - Document gene...	5457	✓	693	605	5456	307
223	00:35:09.721	Test 3 - 500 Users 1-147	Chat - Document gene...	5296	✓	693	605	5296	299
224	00:35:10.209	Test 3 - 500 Users 1-55	Chat 2 - Giving dummy...	4809	✓	582	618	4808	296
225	00:35:09.579	Test 3 - 500 Users 1-27	Chat 2 - Giving dummy...	5486	✓	582	618	5486	231
226	00:35:10.213	Test 3 - 500 Users 1-60	Chat 2 - Giving dummy...	4855	✓	582	618	4855	222
227	00:35:10.215	Test 3 - 500 Users 1-51	Chat 2 - Giving dummy...	4864	✓	582	618	4864	237
228	00:35:10.256	Test 3 - 500 Users 1-43	Chat 2 - Giving dummy...	4823	✓	582	618	4823	219
229	00:35:09.607	Test 3 - 500 Users 1-40	Chat 2 - Giving dummy...	5486	✓	582	618	5486	226
230	00:35:09.578	Test 3 - 500 Users 1-22	Chat 2 - Giving dummy...	5529	✓	582	618	5529	278
231	00:35:09.570	Test 3 - 500 Users 1-20	Chat 2 - Giving dummy...	5541	✓	582	618	5541	285
232	00:35:09.556	Test 3 - 500 Users 1-36	Chat 2 - Giving dummy...	5555	✓	582	618	5555	248
233	00:35:10.259	Test 3 - 500 Users 1-52	Chat 2 - Giving dummy...	4833	✓	582	618	4853	283
234	00:35:09.588	Test 3 - 500 Users 1-39	Chat 2 - Giving dummy...	5544	✓	582	618	5544	267
235	00:35:10.272	Test 3 - 500 Users 1-41	Chat 2 - Giving dummy...	4860	✓	582	618	4860	280
236	00:35:10.256	Test 3 - 500 Users 1-57	Chat 2 - Giving dummy...	4881	✓	582	618	4881	281
237	00:35:10.272	Test 3 - 500 Users 1-54	Chat 2 - Giving dummy...	4667	✓	582	618	4867	279
238	00:35:10.209	Test 3 - 500 Users 1-48	Chat 2 - Giving dummy...	4944	✓	582	618	4944	296
239	00:35:09.616	Test 3 - 500 Users 1-15	Chat 2 - Giving dummy...	5540	✓	582	618	5539	306
240	00:35:10.194	Test 3 - 500 Users 1-56	Chat 2 - Giving dummy...	5139	✓	582	618	5139	239
241	00:35:09.621	Test 3 - 500 Users 1-30	Chat 2 - Giving dummy...	5734	✓	582	618	5733	248
242	00:35:09.626	Test 3 - 500 Users 1-29	Chat 2 - Giving dummy...	5931	✓	582	618	5931	214
243	00:35:09.575	Test 3 - 500 Users 1-18	Chat 2 - Giving dummy...	6206	✓	582	618	6205	281
244	00:35:10.273	Test 3 - 500 Users 1-20	Chat - Document gene...	20002	✗	2700	0	0	20002
245	00:35:10.280	Test 3 - 500 Users 1-20	Chat - Document gene...	20003	✗	2700	0	0	20003
246	00:35:10.291	Test 3 - 500 Users 1-204	Chat - Document gene...	20001	✗	2700	0	0	20001
247	00:35:10.301	Test 3 - 500 Users 1-205	Chat - Document gene...	20001	✗	2700	0	0	20000
248	00:35:10.310	Test 3 - 500 Users 1-206	Chat - Document gene...	20000	✗	2700	0	0	20000
249	00:35:10.321	Test 3 - 500 Users 1-207	Chat - Document gene...	20001	✗	2700	0	0	20001
250	00:35:10.332	Test 3 - 500 Users 1-208	Chat - Document gene...	20001	✗	2700	0	0	20001
251	00:35:10.342	Test 3 - 500 Users 1-209	Chat - Document gene...	20002	✗	2700	0	0	20002
252	00:35:10.350	Test 3 - 500 Users 1-4	Chat 2 - Giving dummy...	20001	✗	2700	0	0	20001
253	00:35:10.352	Test 3 - 500 Users 1-210	Chat - Document gene...	20002	✗	2700	0	0	20002
...	...	...	...	...	...	...	...	...	...

Scroll automatically?  Child samples? No of Samples 2243 Latest Sample 2006 Average 1726 Deviation 5997

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
Chat - Document ge...	2000	17992	945	20051	5356.35	85.25%	274/sec	64.64	2.39	2417.0
Chat 2 - Giving dum...	1337	17552	1931	20040	5173.53	96.71%	16.2/sec	35.34	1.92	2237.6
TOTAL	3337	17816	945	20051	5288.27	89.84%	39.6/sec	91.10	3.97	2345.1





**Users 750, rampup 10, loop 1**

Sample # ↑	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
325	00:41:20.256	Test 3 - 500 Users 1-75	Chat 2 - Giving dummy...	6474	✓	582	618	6474	211
326	00:41:19.240	Test 3 - 500 Users 1-60	Chat 2 - Giving dummy...	7490	✓	582	618	7490	201
327	00:41:20.261	Test 3 - 500 Users 1-90	Chat 2 - Giving dummy...	6473	✓	582	618	6473	221
328	00:41:19.297	Test 3 - 500 Users 1-9	Chat 2 - Giving dummy...	7438	✓	582	618	7438	199
329	00:41:20.283	Test 3 - 500 Users 1-89	Chat 2 - Giving dummy...	6453	✓	582	618	6453	218
330	00:41:20.254	Test 3 - 500 Users 1-24	Chat - Document gene...	6495	✓	693	605	6495	231
331	00:41:18.799	Test 3 - 500 Users 1-46	Chat 2 - Giving dummy...	7958	✓	582	618	7958	191
332	00:41:20.272	Test 3 - 500 Users 1-69	Chat 2 - Giving dummy...	6496	✓	582	618	6496	250
333	00:41:19.229	Test 3 - 500 Users 1-63	Chat 2 - Giving dummy...	7545	✓	582	618	7545	212
334	00:41:20.329	Test 3 - 500 Users 1-6	Chat 2 - Giving dummy...	6445	✓	582	618	6445	259
335	00:41:20.303	Test 3 - 500 Users 1-93	Chat 2 - Giving dummy...	6535	✓	582	618	6535	219
336	00:41:19.302	Test 3 - 500 Users 1-7	Chat 2 - Giving dummy...	7528	✓	582	618	7528	180
337	00:41:19.272	Test 3 - 500 Users 1-57	Chat 2 - Giving dummy...	7553	✓	582	618	7552	188
338	00:41:20.263	Test 3 - 500 Users 1-88	Chat 2 - Giving dummy...	6604	✓	582	618	6603	242
339	00:41:19.256	Test 3 - 500 Users 1-64	Chat 2 - Giving dummy...	7612	✓	582	618	7612	185
340	00:41:20.283	Test 3 - 500 Users 1-96	Chat 2 - Giving dummy...	6590	✓	582	618	6590	237
341	00:41:20.226	Test 3 - 500 Users 1-86	Chat 2 - Giving dummy...	6552	✓	582	618	6552	259
342	00:41:20.279	Test 3 - 500 Users 1-82	Chat 2 - Giving dummy...	6784	✓	582	618	6784	206
343	00:41:19.709	Test 3 - 500 Users 1-204	Chat - Document gene...	7392	✓	693	605	7392	206
344	00:41:20.331	Test 3 - 500 Users 1-252	Chat - Document gene...	20001	✗	2700	0	0	20001
345	00:41:20.344	Test 3 - 500 Users 1-253	Chat - Document gene...	20001	✗	2700	0	0	20001
346	00:41:20.344	Test 3 - 500 Users 1-10	Chat 2 - Giving dummy...	20001	✗	2700	0	0	20001
347	00:41:20.358	Test 3 - 500 Users 1-254	Chat - Document gene...	20002	✗	2700	0	0	20002
348	00:41:20.363	Test 3 - 500 Users 1-12	Chat 2 - Giving dummy...	20002	✗	2700	0	0	20002
349	00:41:20.372	Test 3 - 500 Users 1-255	Chat - Document gene...	20004	✗	2700	0	0	20004
350	00:41:20.385	Test 3 - 500 Users 1-256	Chat - Document gene...	20002	✗	2700	0	0	20002
351	00:41:20.399	Test 3 - 500 Users 1-257	Chat - Document gene...	20001	✗	2700	0	0	20001
352	00:41:20.411	Test 3 - 500 Users 1-258	Chat - Document gene...	20002	✗	2700	0	0	20002
353	00:41:20.423	Test 3 - 500 Users 1-259	Chat - Document gene...	20001	✗	2700	0	0	20001
354	00:41:20.436	Test 3 - 500 Users 1-260	Chat - Document gene...	20003	✗	2700	0	0	20003
355	00:41:20.449	Test 3 - 500 Users 1-261	Chat - Document gene...	20001	✗	2700	0	0	20001
356	00:41:20.462	Test 3 - 500 Users 1-262	Chat - Document gene...	20001	✗	2700	0	0	20001
357	00:41:20.475	Test 3 - 500 Users 1-263	Chat - Document gene...	20001	✗	2700	0	0	20001
358	00:41:20.489	Test 3 - 500 Users 1-264	Chat - Document gene...	20001	✗	2700	0	0	20001
359	00:41:20.500	Test 3 - 500 Users 1-265	Chat - Document gene...	20003	✗	2700	0	0	20003
360	00:41:20.514	Test 3 - 500 Users 1-266	Chat - Document gene...	19999	✗	2700	0	0	19999
361	00:41:20.593	Test 3 - 500 Users 1-272	Chat - Document gene...	20001	✗	2700	0	0	20001

Scroll automatically?  Child samples?

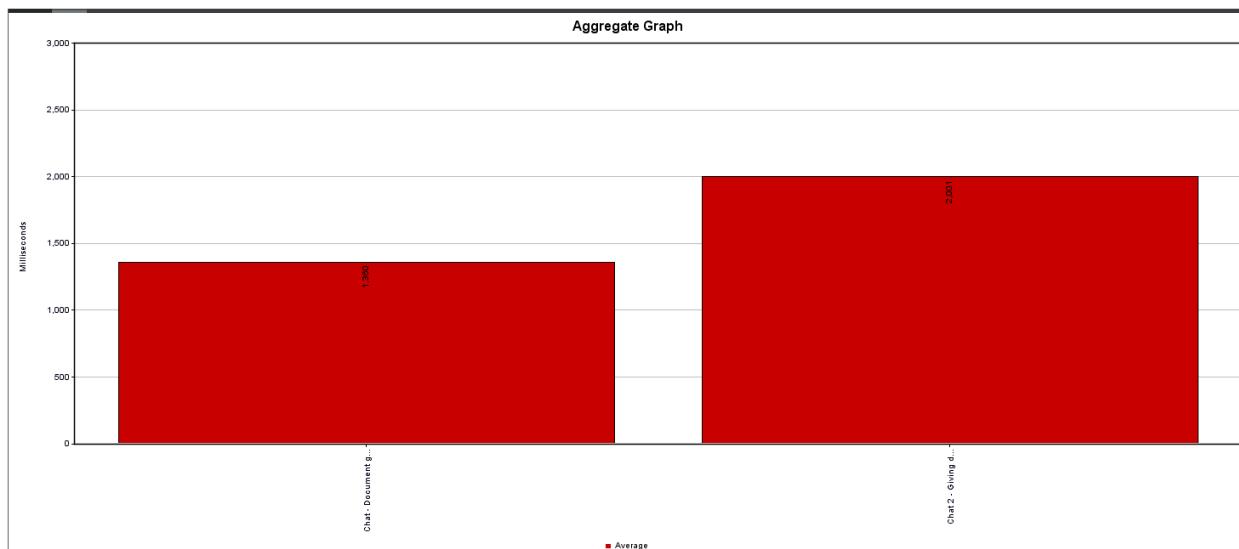
No of Samples: 1500

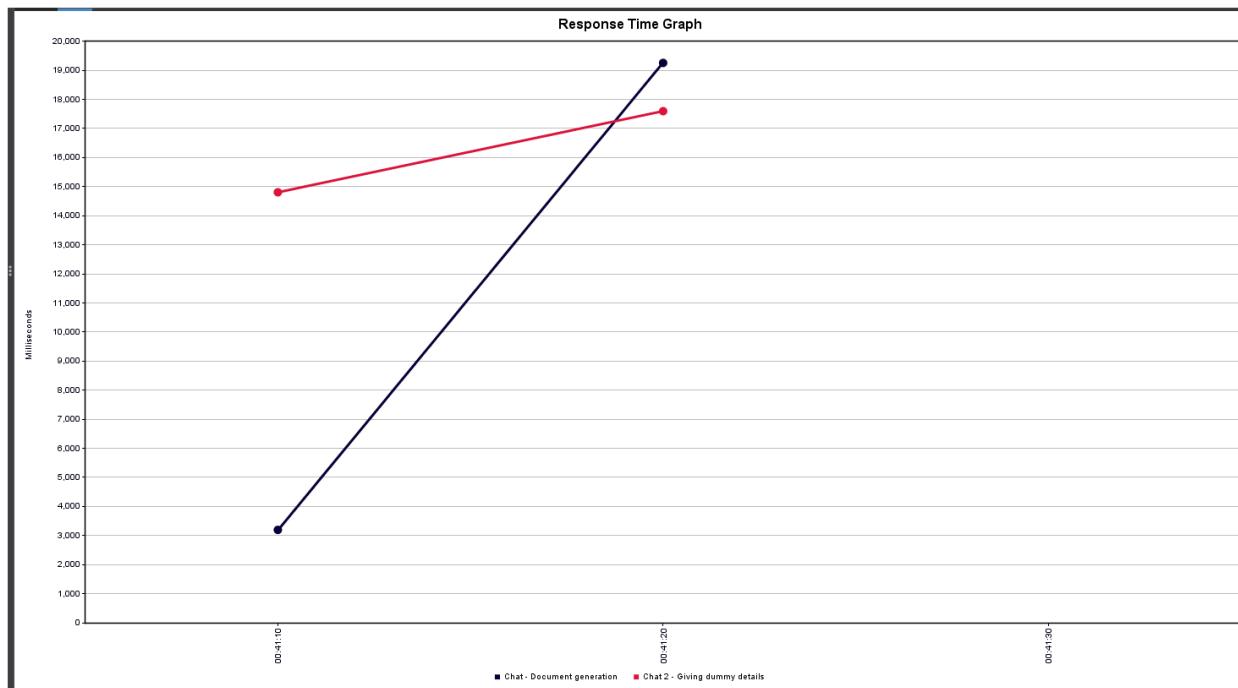
Latest Sample: 15678

Average: 13466

Deviation: 6842

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
Chat - Document ge...	750	14415	844	20027	7934.66	66.53%	25.2/sec	50.41	4.99	2047.2
Chat 2 - Giving dum...	750	12517	3342	20022	5373.85	87.73%	18.4/sec	15.86	8.63	880.7
TOTAL	1500	13466	844	20027	6842.44	77.13%	35.8/sec	51.21	11.92	1463.9





## For 40 users, 10 rampup, infinite loops

Screenshot of JMeter Test Plan interface showing a summary report for a test named "Test 3 - 400U".

**Summary Report**

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
Chat : Document ge...	1656	752	84	2516	192.35	3.62%	8.2/sec	5.67	4.84	707.7
Chat 2 - Giving dum...	1653	1035	9	3972	282.74	3.87%	8.3/sec	4.93	4.97	610.8
TOTAL	3309	893	9	3972	280.05	3.75%	16.4/sec	10.56	9.77	659.3

Test Plan Tree:

- Advised Extreme Capacity Test
  - Test 3 - 400U
    - HTTP Request Defaults
    - HTTP Cookie Manager
    - Thread Group
      - Chat - Document generation
        - HTTP Header Manager
        - JSON Extractor
        - Constant Timer
      - Chat 2 - Giving dummy details
        - HTTP Header Manager
        - Constant Timer
    - Assertion analyzer
    - View Results in Table
    - Summary Report
    - Aggregate Graph
    - Response Time Graph

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	00:50:34.773	Test 3 - 500 Users 1-1	Chat - Document gene...	1590	✓	1555	605	1537	165
2	00:50:35.039	Test 3 - 500 Users 1-2	Chat - Document gene...	1631	✓	1304	605	1631	175
3	00:50:35.271	Test 3 - 500 Users 1-3	Chat - Document gene...	1795	✓	1540	605	1748	168
4	00:50:35.522	Test 3 - 500 Users 1-4	Chat - Document gene...	1852	✓	1668	605	1798	182
5	00:50:35.779	Test 3 - 500 Users 1-5	Chat - Document gene...	1691	✓	1551	605	1639	165
6	00:50:36.017	Test 3 - 500 Users 1-6	Chat - Document gene...	1919	✓	1659	605	1862	183
7	00:50:36.266	Test 3 - 500 Users 1-7	Chat - Document gene...	1700	✓	1574	605	1648	165
8	00:50:36.517	Test 3 - 500 Users 1-8	Chat - Document gene...	1777	✓	1334	605	1777	172
9	00:50:36.363	Test 3 - 500 Users 1-9	Chat - Document gene...	2030	✓	1279	618	2030	174
10	00:50:37.781	Test 3 - 500 Users 1-13	Chat - Document gene...	752	✓	693	605	752	180
11	00:50:36.783	Test 3 - 500 Users 1-9	Chat - Document gene...	1839	✓	1612	605	1778	180
12	00:50:37.017	Test 3 - 500 Users 1-10	Chat - Document gene...	1701	✓	1584	605	1655	170
13	00:50:38.016	Test 3 - 500 Users 1-14	Chat - Document gene...	752	✓	693	605	751	189
14	00:50:37.937	Test 3 - 500 Users 1-6	Chat 2 - Giving dummy...	1014	✓	582	618	1014	182
15	00:50:38.267	Test 3 - 500 Users 1-15	Chat - Document gene...	717	✓	693	605	716	161
16	00:50:37.967	Test 3 - 500 Users 1-7	Chat 2 - Giving dummy...	1022	✓	582	618	1022	179
17	00:50:37.266	Test 3 - 500 Users 1-11	Chat - Document gene...	1866	✓	1571	605	1809	162
18	00:50:37.067	Test 3 - 500 Users 1-3	Chat 2 - Giving dummy...	2100	✓	1312	618	2100	164
19	00:50:38.518	Test 3 - 500 Users 1-16	Chat - Document gene...	724	✓	693	605	723	162
20	00:50:38.295	Test 3 - 500 Users 1-8	Chat 2 - Giving dummy...	994	✓	582	618	994	163
21	00:50:38.772	Test 3 - 500 Users 1-17	Chat - Document gene...	741	✓	693	605	741	179
22	00:50:38.534	Test 3 - 500 Users 1-13	Chat 2 - Giving dummy...	1026	✓	582	618	1026	165
23	00:50:38.622	Test 3 - 500 Users 1-9	Chat 2 - Giving dummy...	1024	✓	582	618	1024	166
24	00:50:38.719	Test 3 - 500 Users 1-10	Chat 2 - Giving dummy...	1029	✓	582	618	1029	165
25	00:50:39.018	Test 3 - 500 Users 1-18	Chat - Document gene...	750	✓	693	605	750	161
26	00:50:39.269	Test 3 - 500 Users 1-19	Chat - Document gene...	725	✓	693	605	725	168
27	00:50:37.516	Test 3 - 500 Users 1-12	Chat - Document gene...	2516	✓	1449	605	2515	170
28	00:50:39.133	Test 3 - 500 Users 1-11	Chat 2 - Giving dummy...	1001	✓	582	618	1001	165
29	00:50:39.242	Test 3 - 500 Users 1-16	Chat 2 - Giving dummy...	1006	✓	582	618	1006	164
30	00:50:39.517	Test 3 - 500 Users 1-20	Chat - Document gene...	775	✓	693	605	775	216
31	00:50:36.670	Test 3 - 500 Users 1-2	Chat 2 - Giving dummy...	3705	✓	4296	618	3702	172
32	00:50:39.781	Test 3 - 500 Users 1-21	Chat - Document gene...	715	✓	693	605	715	163
33	00:50:39.513	Test 3 - 500 Users 1-17	Chat 2 - Giving dummy...	1029	✓	582	618	1028	196
34	00:50:38.768	Test 3 - 500 Users 1-14	Chat 2 - Giving dummy...	1919	✓	582	618	1919	163
35	00:50:40.018	Test 3 - 500 Users 1-22	Chat - Document gene...	723	✓	693	605	723	162
36	00:50:39.768	Test 3 - 500 Users 1-18	Chat 2 - Giving dummy...	996	✓	582	618	996	163
37	00:50:40.266	Test 3 - 500 Users 1-23	Chat - Document gene...	732	✓	693	605	732	170

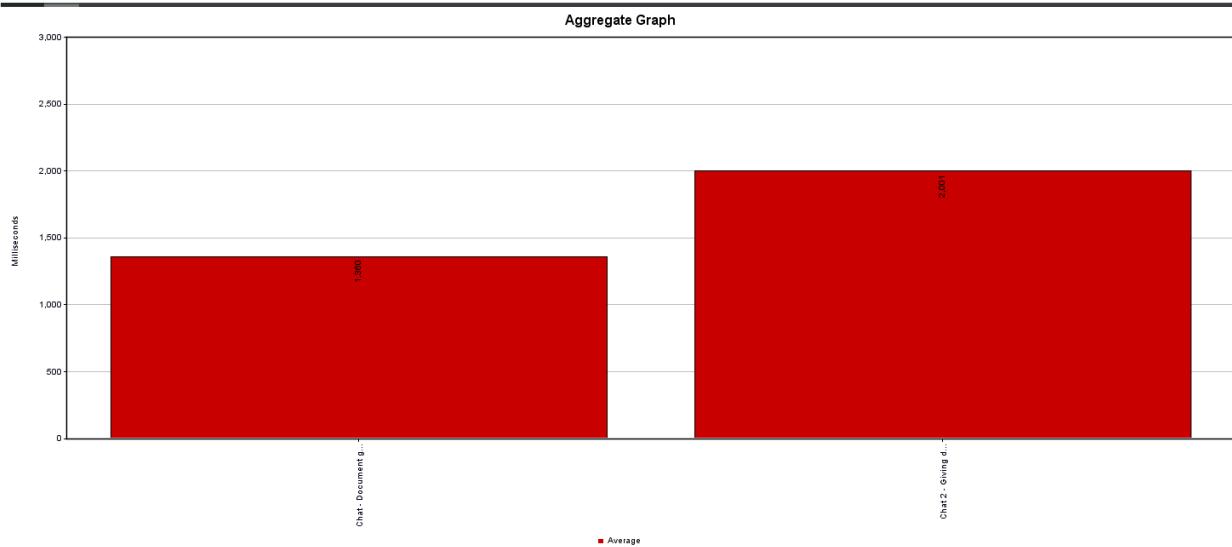
Scroll automatically?  Child samples?

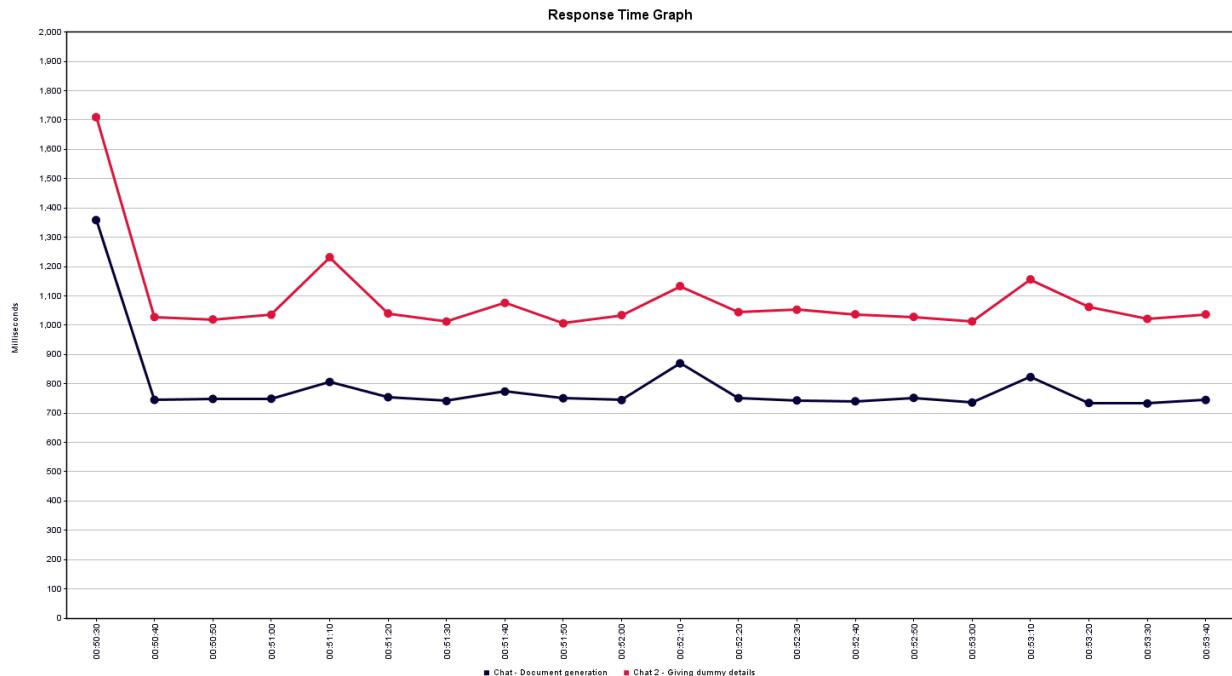
No of Samples 3309

Latest Sample 84

Average 89

Deviation 280





### Error Due to , in token invalidation

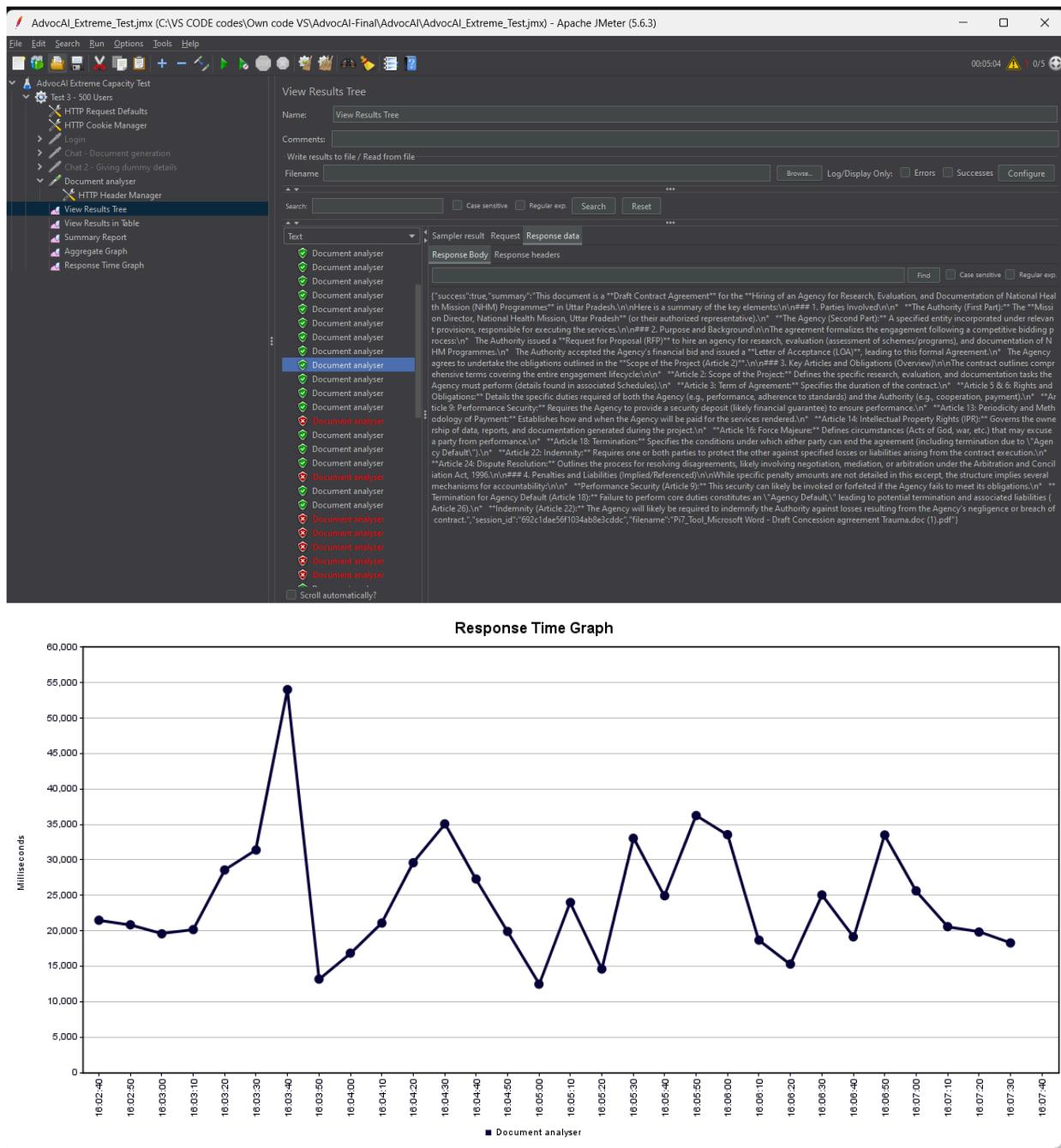
## Volume Testing:

We test this at document analyser as that serves as a choke point, as make amount of data analysis happens there

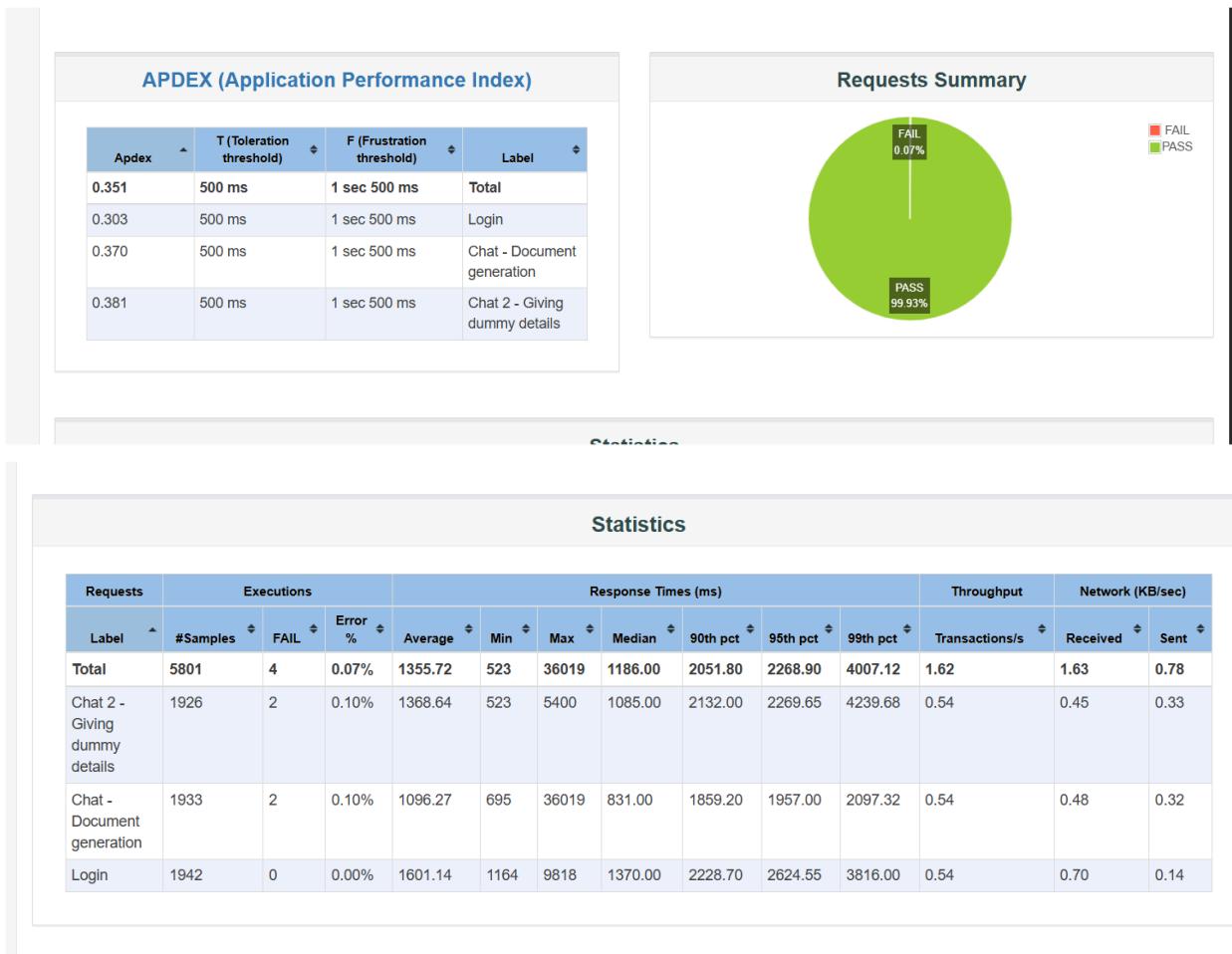
Test Scenario:

- Goal: Verify system behavior when processing large data volume.
- Payload: ~5 MB PDF file (High volume per request).
- Load: 5 Concurrent Users x 30 Loops = 150 Total Upload Requests.
- Total Data Volume Attempted: ~750 MB.

The volume test showed us That server was unable to handle the continuous stream of **large** file uploads. It initially struggled to maintain connections (Socket Errors) and eventually became so slow that the authentication tokens expired (Invalid Token Errors), causing all subsequent requests to fail.



### **Stability/Endurance testing**



## Security Report:

The security testing was conducted using OWASP ZAP (Zed Attack Proxy), an industry-standard tool for finding vulnerabilities in web applications.

The application is safe from major attacks like SQL Injection and Critical XSS, but it lacks specific HTTP Security Headers that protect users from client-side attacks like Clickjacking and MIME-sniffing.

scan reported "Missing Anti-clickjacking Header".

scan reported "CSP Header Not Set".

The AdvocAI platform successfully passed the automated security scanning with no critical vulnerabilities found. The core application logic is secure against common threats.