

Load Testing & Stress Testing

App Used : apache jmeter

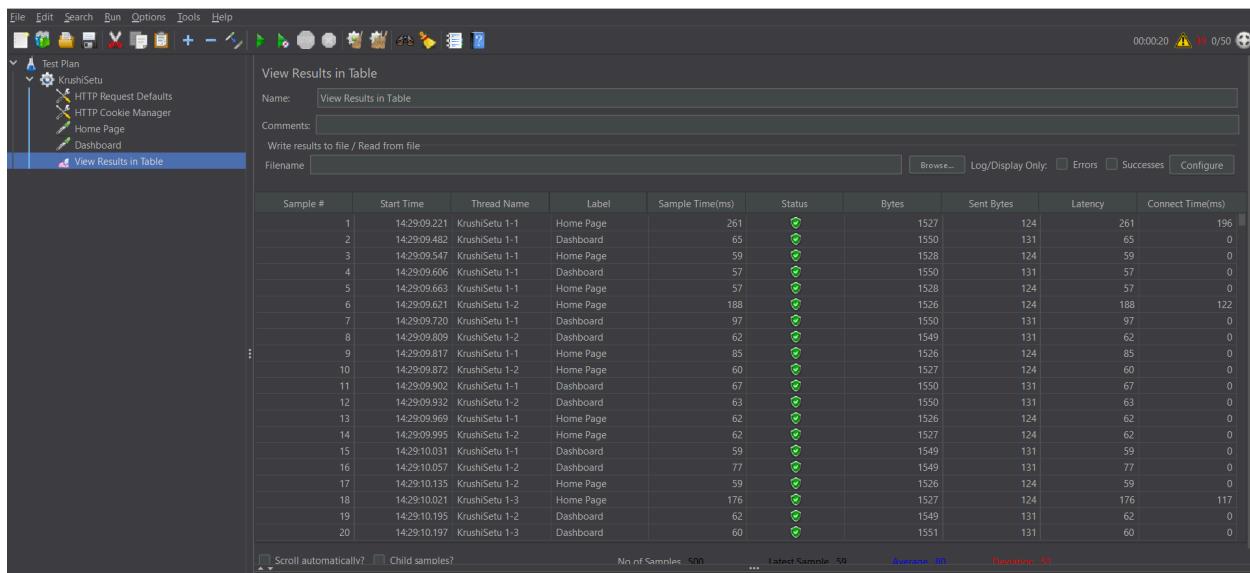
Parameters :

Ramp-Up Period (seconds) = 20

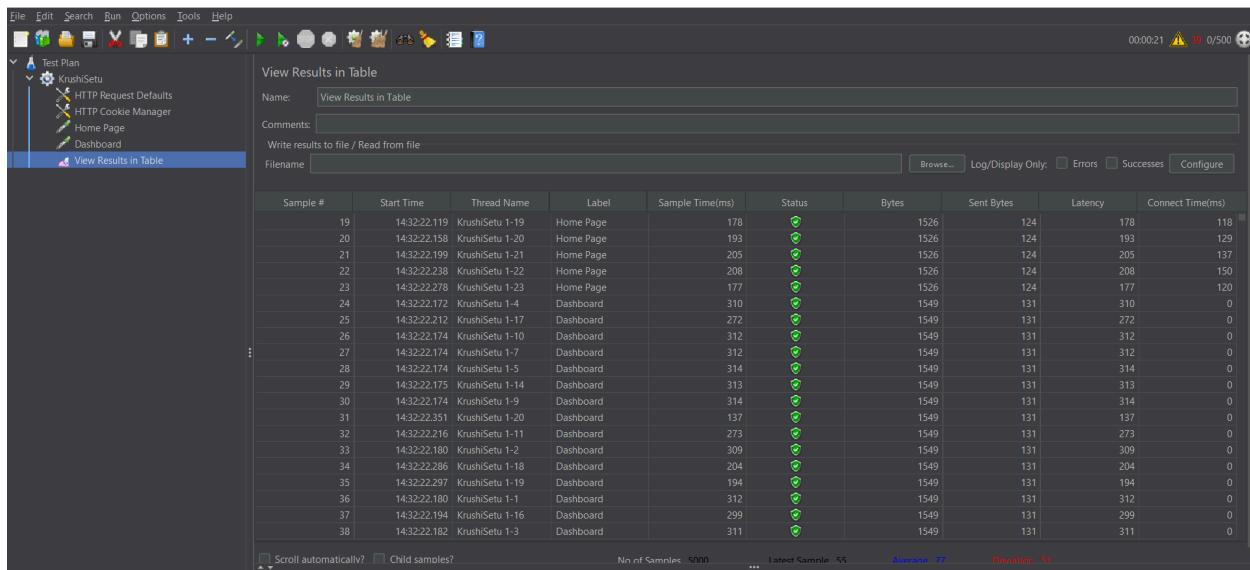
Loop Count = 5

Method Used = GET

Test 1: For 100 Users



Test 2 : For 500 Users



Test 3 : For 1000 Users

Screenshot of JMeter Test Plan interface showing results for 1000 users.

Test Plan Structure:

- Test Plan
 - KrushiSetu
 - HTTP Request Defaults
 - HTTP Cookie Manager
 - Home Page
 - Dashboard
 - View Results in Table

View Results in Table Configuration:

- Name: View Results in Table
- Comments:
- Write results to file / Read from file
- Filename:
- Browse... Log/Display Only: Errors Successes Configure

Sample Data (20 rows):

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	14:36:48.828	KrushiSetu 1-1	Home Page	218	✓	1528	124	218	158
2	14:36:48.867	KrushiSetu 1-5	Home Page	180	✓	1526	124	180	122
3	14:36:48.877	KrushiSetu 1-6	Home Page	182	✓	1526	124	182	121
4	14:36:48.887	KrushiSetu 1-7	Home Page	178	✓	1527	124	178	116
5	14:36:48.907	KrushiSetu 1-9	Home Page	160	✓	1526	124	160	107
6	14:36:48.905	KrushiSetu 1-8	Home Page	162	✓	1526	124	162	108
7	14:36:48.847	KrushiSetu 1-3	Home Page	229	✓	1526	124	229	153
8	14:36:48.838	KrushiSetu 1-2	Home Page	241	✓	1526	124	241	169
9	14:36:48.861	KrushiSetu 1-4	Home Page	226	✓	1526	124	226	131
10	14:36:48.917	KrushiSetu 1-10	Home Page	177	✓	1526	124	177	120
11	14:36:49.046	KrushiSetu 1-1	Dashboard	58	✓	1549	131	58	0
12	14:36:49.047	KrushiSetu 1-5	Dashboard	57	✓	1549	131	57	0
13	14:36:48.928	KrushiSetu 1-11	Home Page	177	✓	1526	124	177	117
14	14:36:49.059	KrushiSetu 1-6	Dashboard	55	✓	1549	131	55	0
15	14:36:48.938	KrushiSetu 1-12	Home Page	180	✓	1527	124	180	122
16	14:36:49.067	KrushiSetu 1-8	Dashboard	53	✓	1549	131	53	0
17	14:36:49.067	KrushiSetu 1-9	Dashboard	54	✓	1549	131	54	0
18	14:36:49.065	KrushiSetu 1-7	Dashboard	56	✓	1549	131	56	0
19	14:36:49.076	KrushiSetu 1-3	Dashboard	64	✓	1549	131	64	0
20	14:36:48.948	KrushiSetu 1-13	Home Page	198	✓	1526	124	198	132

Buttons: Scroll automatically? Child samples? No of Samples: 13161 Latest Sample: 72 Average: 1448K Deviation: 10174

And Breakpoint for our website is at **5101th sample**.

Screenshot of JMeter Test Plan interface showing results for 1000 users, highlighting the 5101st sample.

Test Plan Structure:

- Test Plan
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 - HTTP Request Defaults
 - HTTP Cookie Manager
 - Home Page
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 - View Results in Table

View Results in Table Configuration:

- Name: View Results in Table
- Comments:
- Write results to file / Read from file
- Filename:
- Browse... Log/Display Only: Errors Successes Configure

Sample Data (13660 rows):

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
5090	14:37:23.729	KrushiSetu 1-1912	Dashboard	70	✓	1549	131	70	0
5091	14:37:23.735	KrushiSetu 1-1010	Home Page	76	✓	1526	124	76	0
5092	14:37:23.740	KrushiSetu 1-594	Dashboard	80	✓	1549	131	80	0
5093	14:37:23.701	KrushiSetu 1-1002	Dashboard	136	✓	1549	131	136	0
5094	14:37:23.774	KrushiSetu 1-612	Dashboard	66	✓	1549	131	66	0
5095	14:37:23.774	KrushiSetu 1-1210	Dashboard	70	✓	1549	131	70	0
5096	14:37:23.775	KrushiSetu 1-1309	Dashboard	70	✓	1549	131	70	0
5097	14:37:23.777	KrushiSetu 1-606	Dashboard	70	✓	1549	131	70	0
5098	14:37:23.780	KrushiSetu 1-1308	Dashboard	71	✓	1551	131	71	0
5099	14:37:23.789	KrushiSetu 1-1312	Dashboard	70	✓	1549	131	70	0
5100	14:37:23.812	KrushiSetu 1-1010	Dashboard	73	✓	1549	131	73	0
5101	14:36:52.778	KrushiSetu 1-396	Home Page	42071	✗	2806	0	0	42071
5102	14:36:52.768	KrushiSetu 1-395	Home Page	42081	✗	2806	0	0	42081
5103	14:36:52.787	KrushiSetu 1-397	Home Page	42077	✗	2806	0	0	42077
5104	14:36:52.807	KrushiSetu 1-399	Home Page	42072	✗	2806	0	0	42072
5105	14:36:52.798	KrushiSetu 1-398	Home Page	42081	✗	2806	0	0	42081
5106	14:36:52.818	KrushiSetu 1-400	Home Page	42079	✗	2806	0	0	42078
5107	14:36:52.837	KrushiSetu 1-402	Home Page	42073	✗	2806	0	0	42073
5108	14:36:52.827	KrushiSetu 1-401	Home Page	42083	✗	2806	0	0	42083
5109	14:36:52.847	KrushiSetu 1-403	Home Page	42079	✗	2806	0	0	42079

Buttons: Scroll automatically? Child samples? No of Samples: 13660 Latest Sample: 49069 Average: 1448K Deviation: 10177