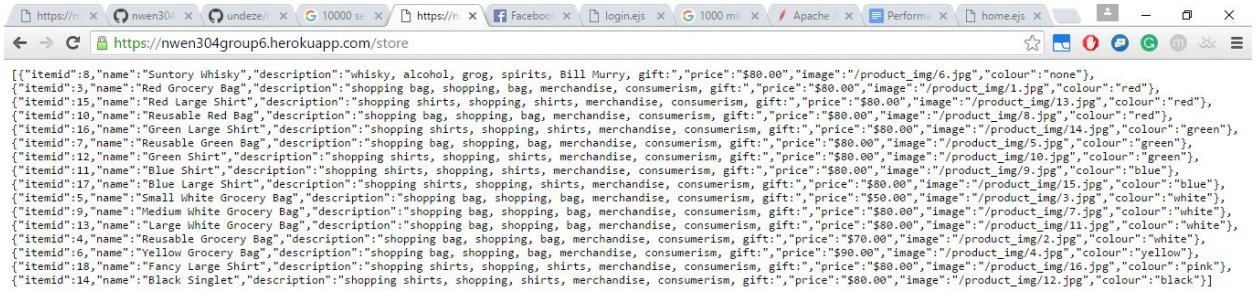
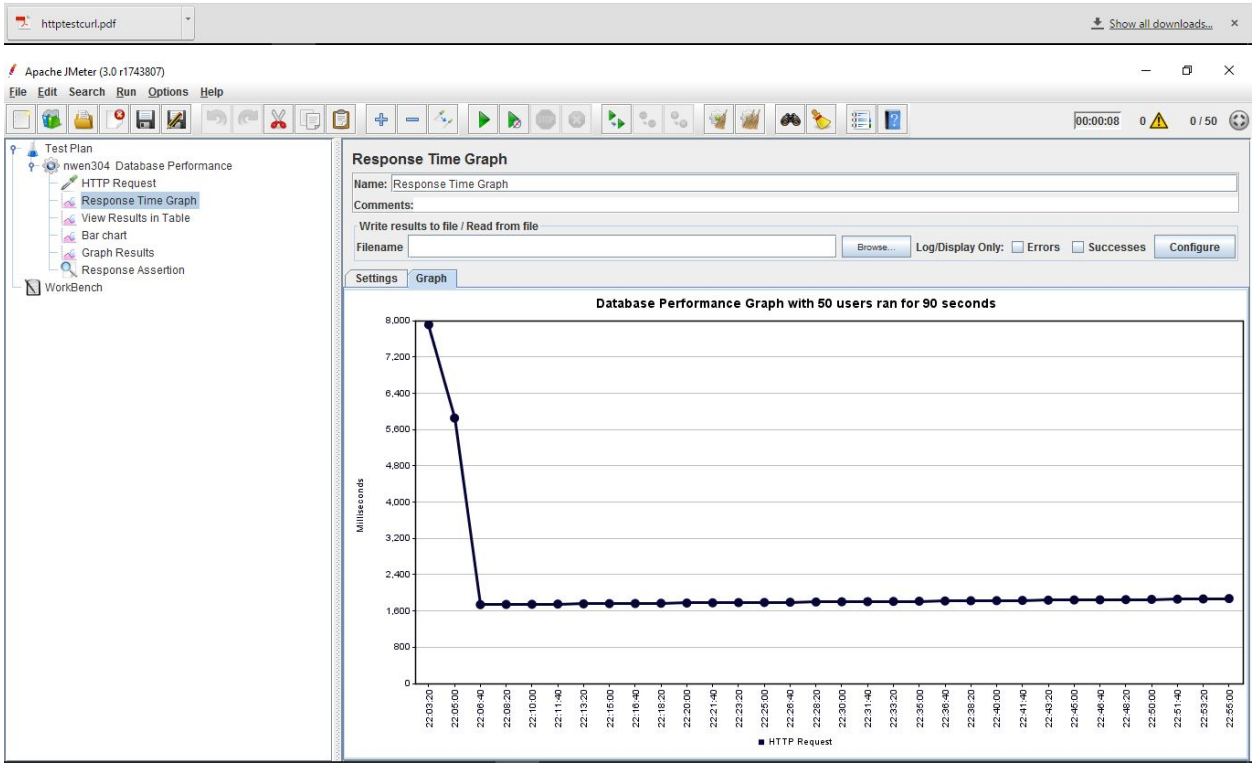
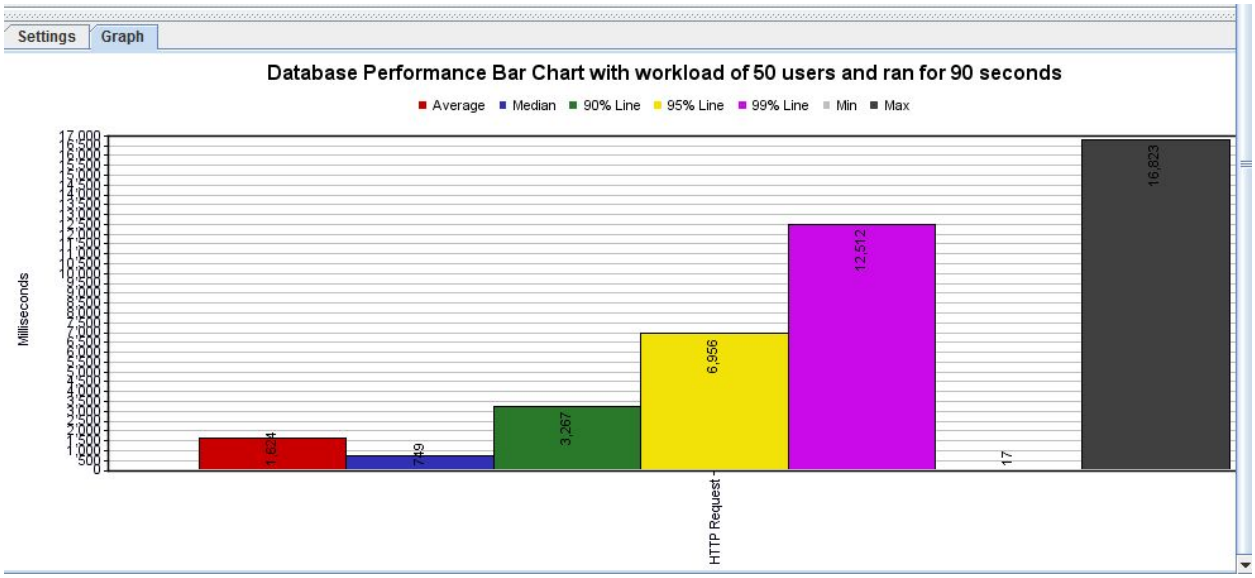
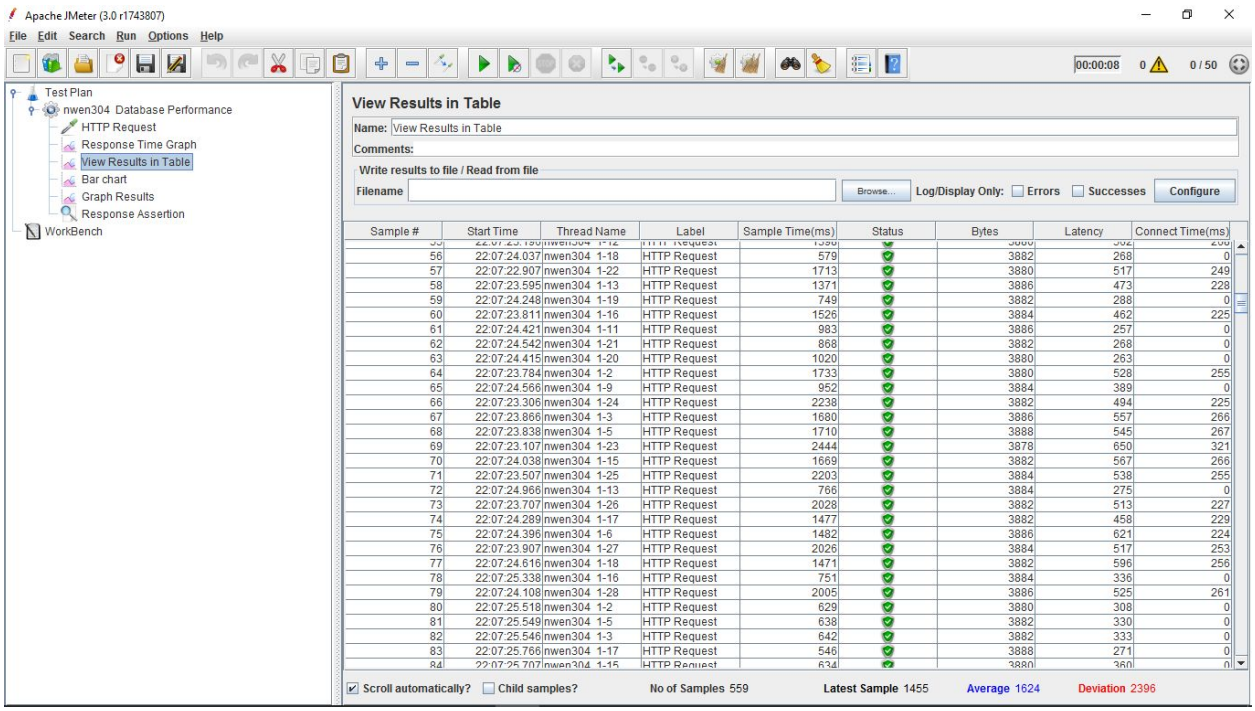
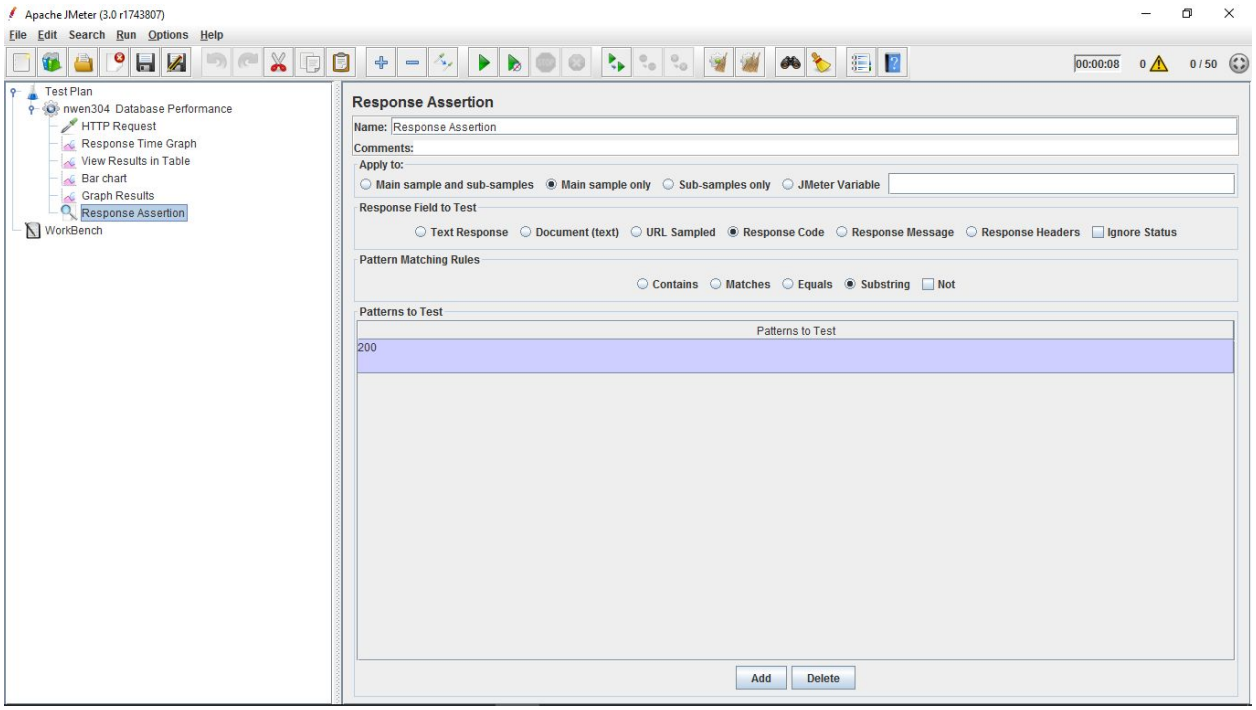
Database Performance with 50 users (Backend)

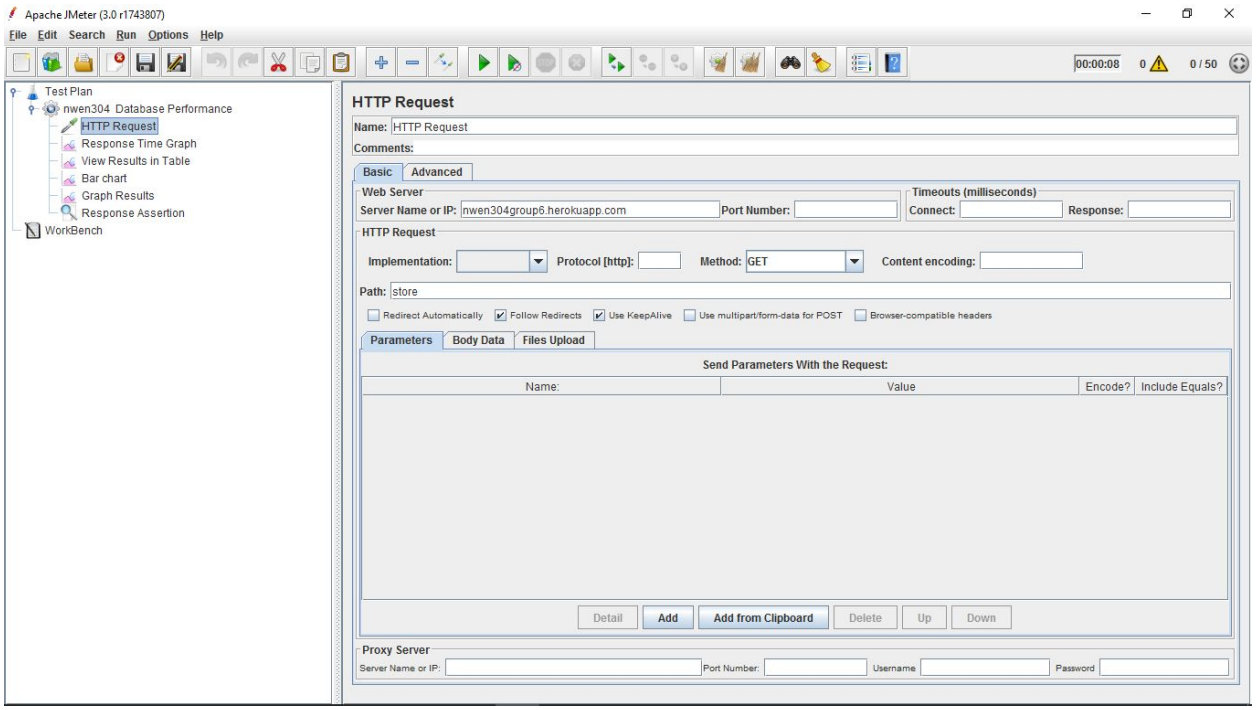


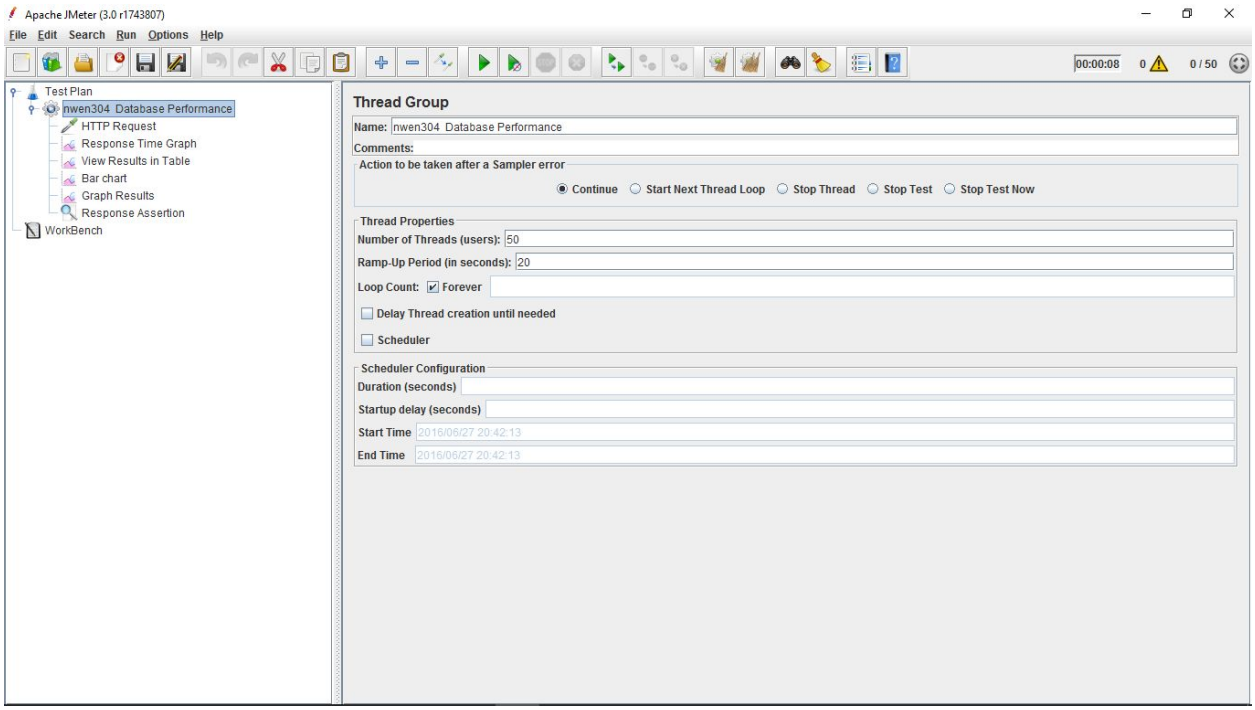



Settings
Graph
Database Performance Bar Chart with workload of 50 users and ran for 90 seconds
Average
Median
90% Line
95% Line
99% Line
Min
Max
Milliseconds
1,624
749
3,267
6,956
12,512
17
16,823
HTTP Request

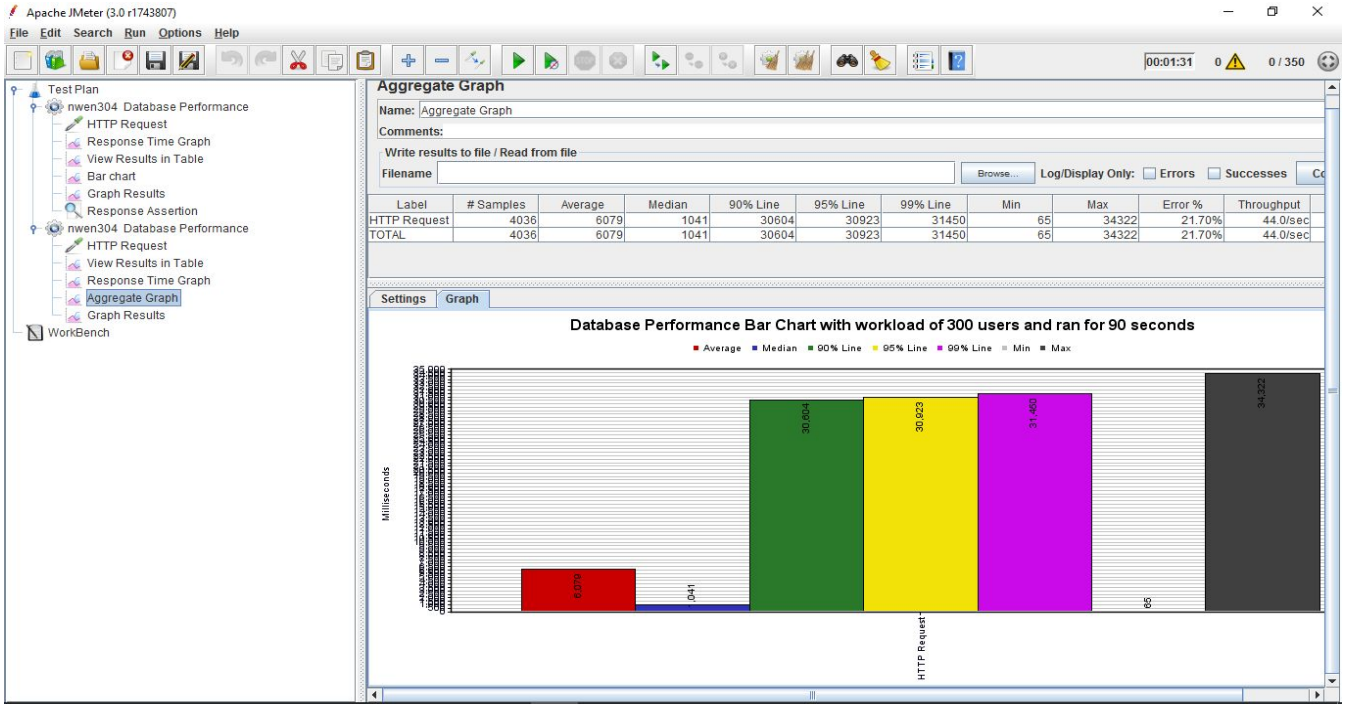

Apache JMeter (3.0 r1743807)
File Edit Search Run Options Help
00:00:08
0
0 / 50
Test Plan
nwen304 Database Performance
HTTP Request
Response Time Graph
View Results in Table
Bar chart
Graph Results
Response Assertion
WorkBench
View Results in Table
Name: View Results in Table
Comments:
Write results to file / Read from file
Filename
Browse...
Log/Display Only: Errors Successes
Configure
Sample # Start Time Thread Name Label Sample Time(ms) Status Bytes Latency Connect Time(ms)
56 22:07:24.037 nwen304 1-18 HTTP Request 579 3882 268 0
57 22:07:22.907 nwen304 1-22 HTTP Request 1713 3880 517 249
58 22:07:23.595 nwen304 1-13 HTTP Request 1371 3886 473 228
59 22:07:24.248 nwen304 1-19 HTTP Request 749 3882 288 0
60 22:07:23.811 nwen304 1-16 HTTP Request 1526 3884 462 225
61 22:07:24.421 nwen304 1-11 HTTP Request 983 3886 257 0
62 22:07:24.542 nwen304 1-21 HTTP Request 868 3882 268 0
63 22:07:24.415 nwen304 1-20 HTTP Request 1020 3880 263 0
64 22:07:23.784 nwen304 1-2 HTTP Request 1733 3880 528 255
65 22:07:24.566 nwen304 1-9 HTTP Request 952 3884 389 0
66 22:07:23.306 nwen304 1-24 HTTP Request 2238 3882 494 225
67 22:07:23.866 nwen304 1-3 HTTP Request 1680 3886 557 266
68 22:07:23.838 nwen304 1-5 HTTP Request 1710 3888 545 267
69 22:07:23.107 nwen304 1-23 HTTP Request 2444 3878 650 321
70 22:07:24.038 nwen304 1-15 HTTP Request 1669 3882 567 266
71 22:07:23.507 nwen304 1-25 HTTP Request 2203 3884 538 255
72 22:07:24.966 nwen304 1-13 HTTP Request 766 3884 275 0
73 22:07:23.707 nwen304 1-26 HTTP Request 2028 3882 513 227
74 22:07:24.289 nwen304 1-17 HTTP Request 1477 3882 458 229
75 22:07:24.396 nwen304 1-6 HTTP Request 1482 3886 621 224
76 22:07:23.907 nwen304 1-27 HTTP Request 2026 3884 517 253
77 22:07:24.616 nwen304 1-18 HTTP Request 1471 3882 596 256
78 22:07:25.338 nwen304 1-16 HTTP Request 751 3884 336 0
79 22:07:24.108 nwen304 1-28 HTTP Request 2005 3886 525 261
80 22:07:25.518 nwen304 1-2 HTTP Request 629 3880 308 0
81 22:07:25.549 nwen304 1-5 HTTP Request 638 3882 330 0
82 22:07:25.546 nwen304 1-3 HTTP Request 642 3882 333 0
83 22:07:25.766 nwen304 1-17 HTTP Request 546 3888 271 0
Scroll automatically? Child samples? No of Samples 559 Latest Sample 1455 Average 1624 Deviation 2396

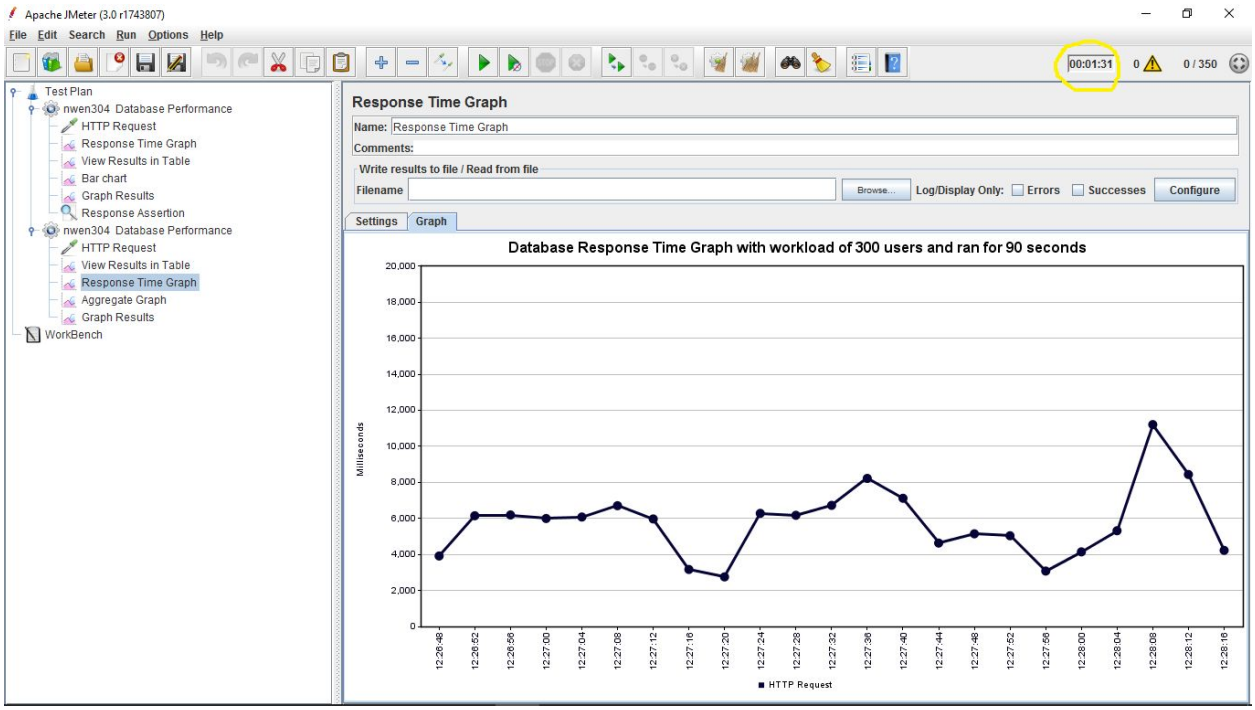

Apache JMeter (3.0 r1743807)
File Edit Search Run Options Help
00:00:08 0 0 / 50
Test Plan
nwen304 Database Performance
HTTP Request
Response Time Graph
View Results in Table
Bar chart
Graph Results
Response Assertion
WorkBench
Response Assertion
Name: Response Assertion
Comments:
Apply to:
Main sample and sub-samples
Main sample only
Sub-samples only
JMeter Variable
Response Field to Test
Text Response
Document (text)
URL Sampled
Response Code
Response Message
Response Headers
Ignore Status
Pattern Matching Rules
Contains
Matches
Equals
Substring
Not
Patterns to Test
Patterns to Test
200
Add
Delete


Apache JMeter (3.0 r1743807)
File Edit Search Run Options Help
00:00:08 0 0 / 50
Test Plan
nwen304 Database Performance
HTTP Request
Response Time Graph
View Results in Table
Bar chart
Graph Results
Response Assertion
WorkBench
HTTP Request
Name: HTTP Request
Comments:
Basic
Advanced
Web Server
Server Name or IP: nwen304group6.herokuapp.com
Port Number:
Timeouts (milliseconds)
Connect:
Response:
HTTP Request
Implementation:
Protocol [http]:
Method: GET
Content encoding:
Path: store
Redirect Automatically
Follow Redirects
Use KeepAlive
Use multipart/form-data for POST
Browser-compatible headers
Parameters
Body Data
Files Upload
Send Parameters With the Request:
Name:
Value
Encode?
Include Equals?
Detail
Add
Add from Clipboard
Delete
Up
Down
Proxy Server
Server Name or IP:
Port Number:
Username
Password

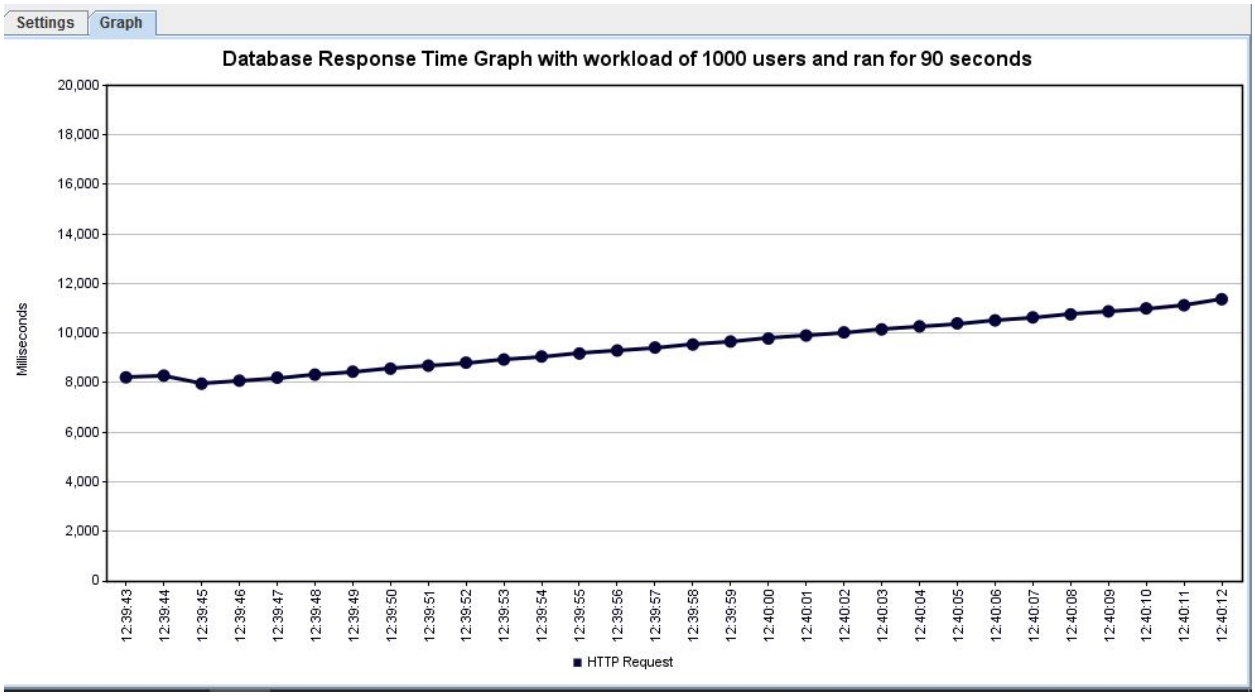


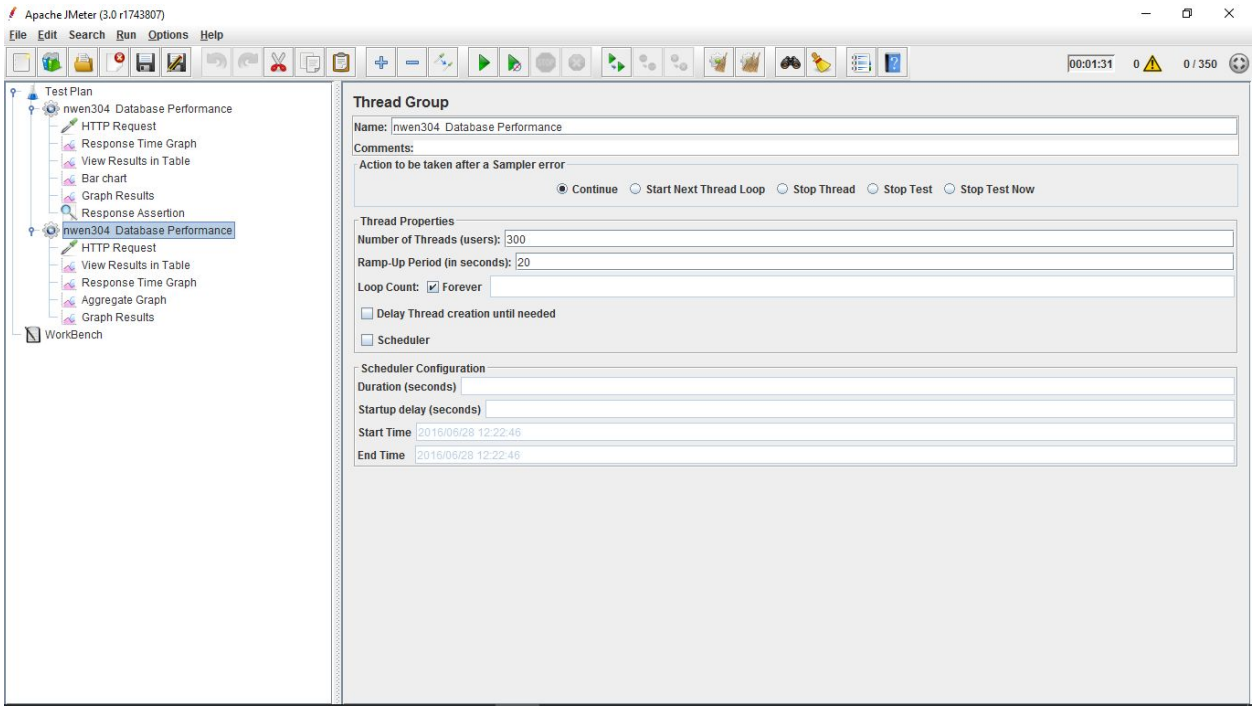
With 300 users database performance

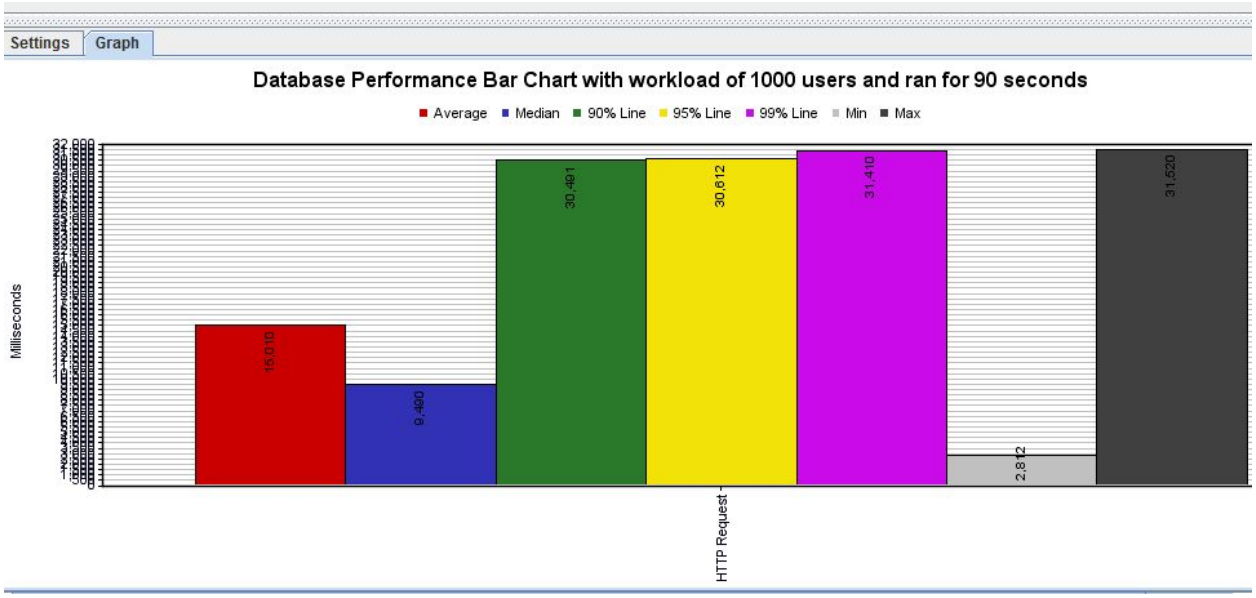




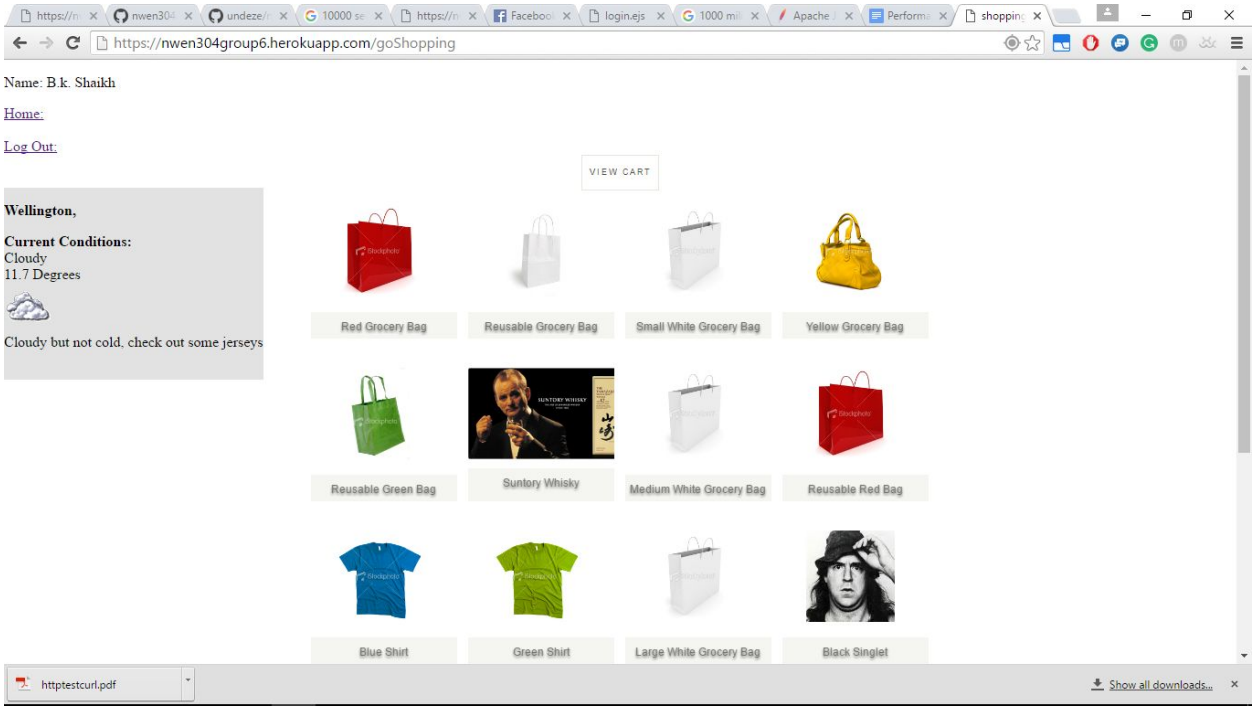
With 1000 users Database Performance

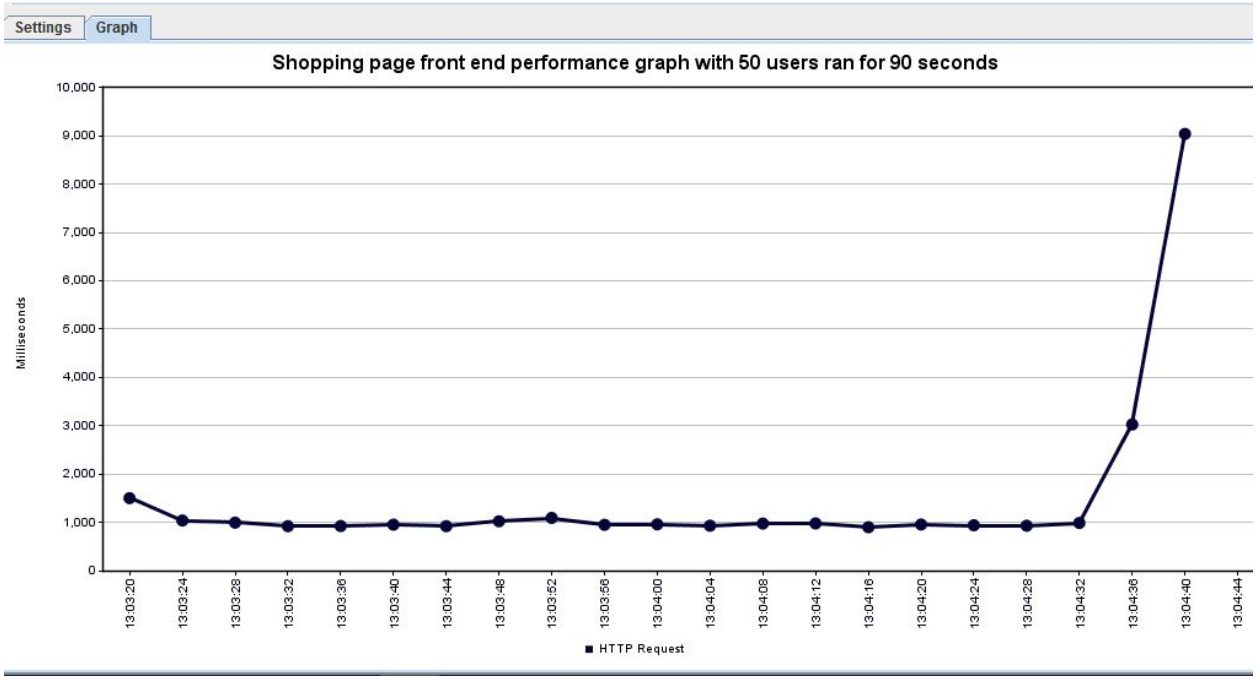






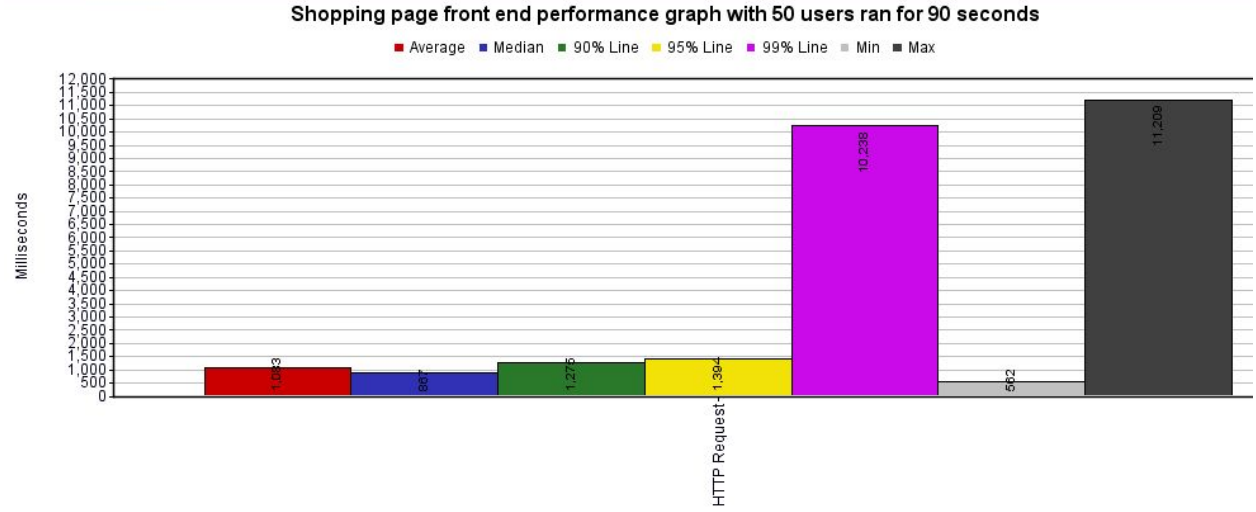
Front end performance with 50 users ran for 90 seconds (shopping page)

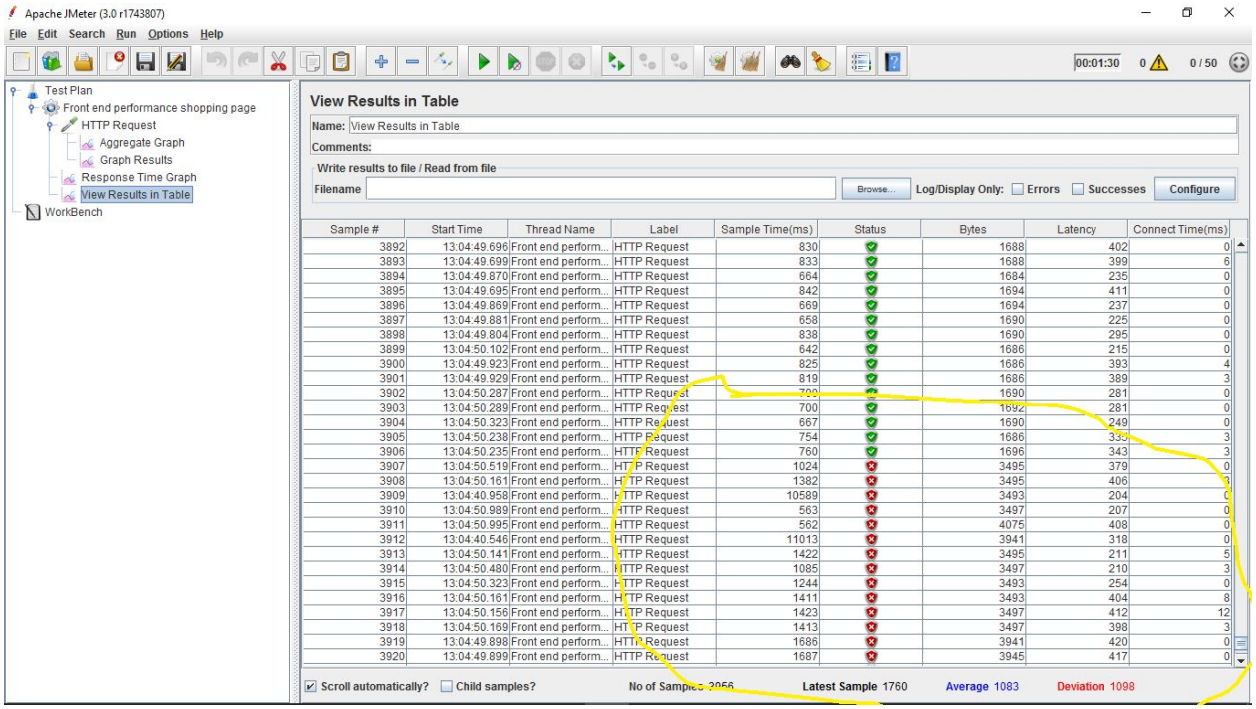

https://nwen304group6.herokuapp.com/goShopping
Name: B.k. Shaikh
Home:
Log Out:
VIEW CART
Wellington,
Current Conditions:
Cloudy
11.7 Degrees
Cloudy but not cold, check out some jerseys
Red Grocery Bag
Reusable Grocery Bag
Small White Grocery Bag
Yellow Grocery Bag
Reusable Green Bag
Suntory Whisky
Medium White Grocery Bag
Reusable Red Bag
Blue Shirt
Green Shirt
Large White Grocery Bag
Black Singlet
httptestcurl.pdf
Show all downloads...

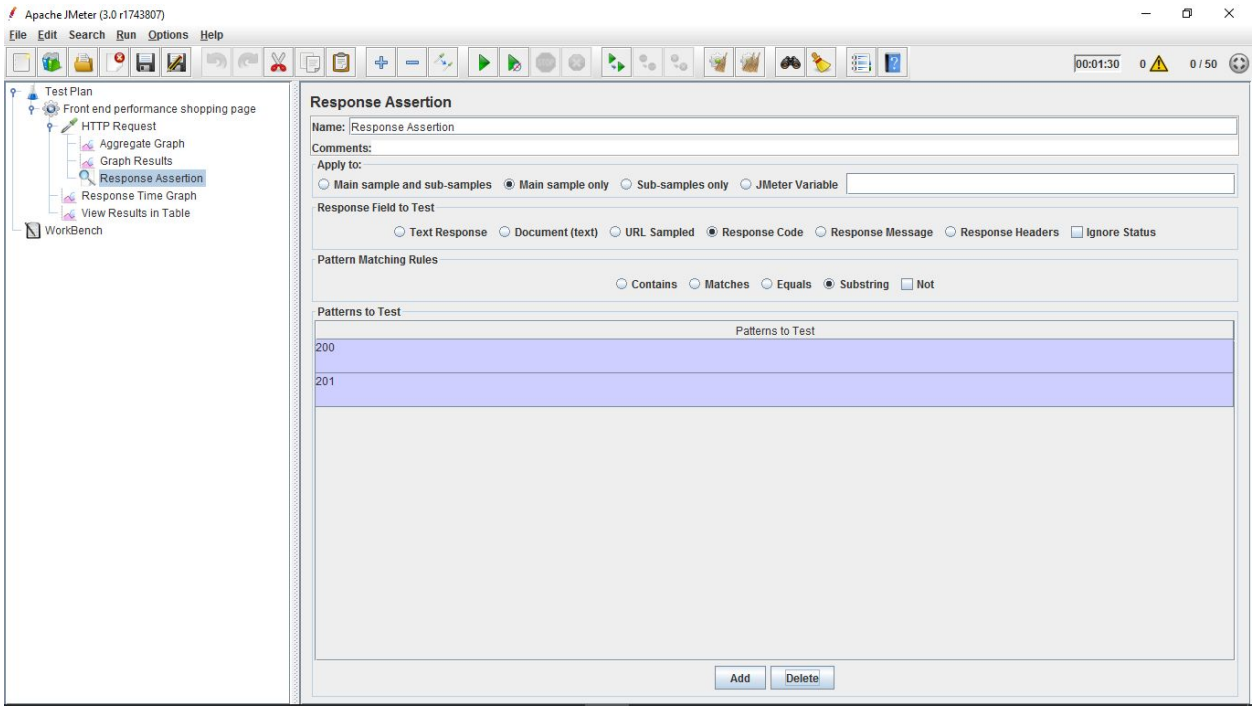

Settings
Graph
Shopping page front end performance graph with 50 users ran for 90 seconds
Milliseconds
10,000
9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
13:03:20
13:03:24
13:03:28
13:03:32
13:03:36
13:03:40
13:03:44
13:03:48
13:03:52
13:03:56
13:04:00
13:04:04
13:04:08
13:04:12
13:04:16
13:04:20
13:04:24
13:04:28
13:04:32
13:04:36
13:04:40
13:04:44
HTTP Request

Label	# Samples	Average	Median	90% Line	95% Line	99% Line	Min	Max	Error %	Throughput
HTTP Request	3956	1083	867	1275	1394	10238	562	11209	1.26%	43.7/sec
TOTAL	3956	1083	867	1275	1394	10238	562	11209	1.26%	43.7/sec

Settings | Graph

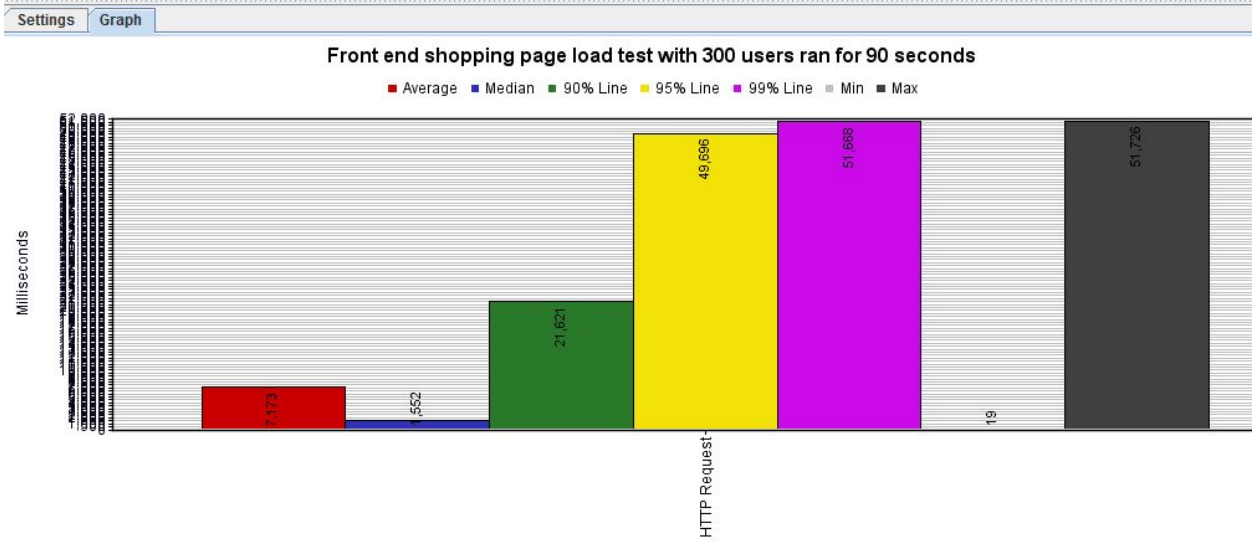


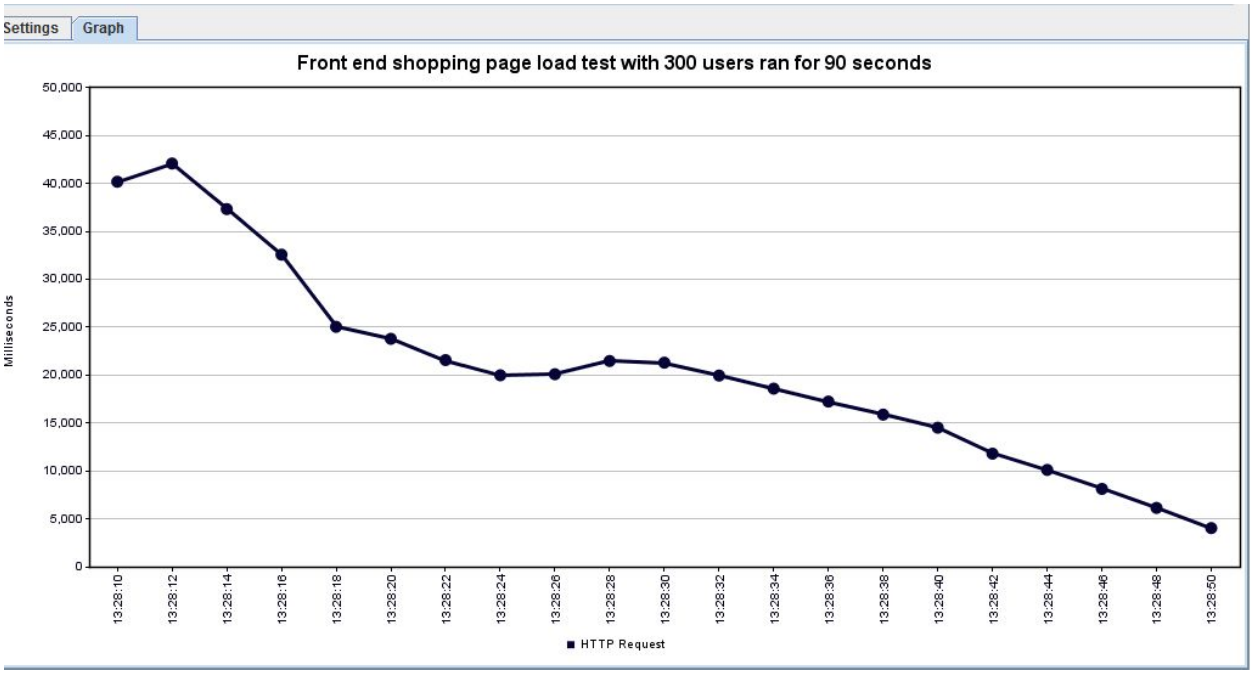




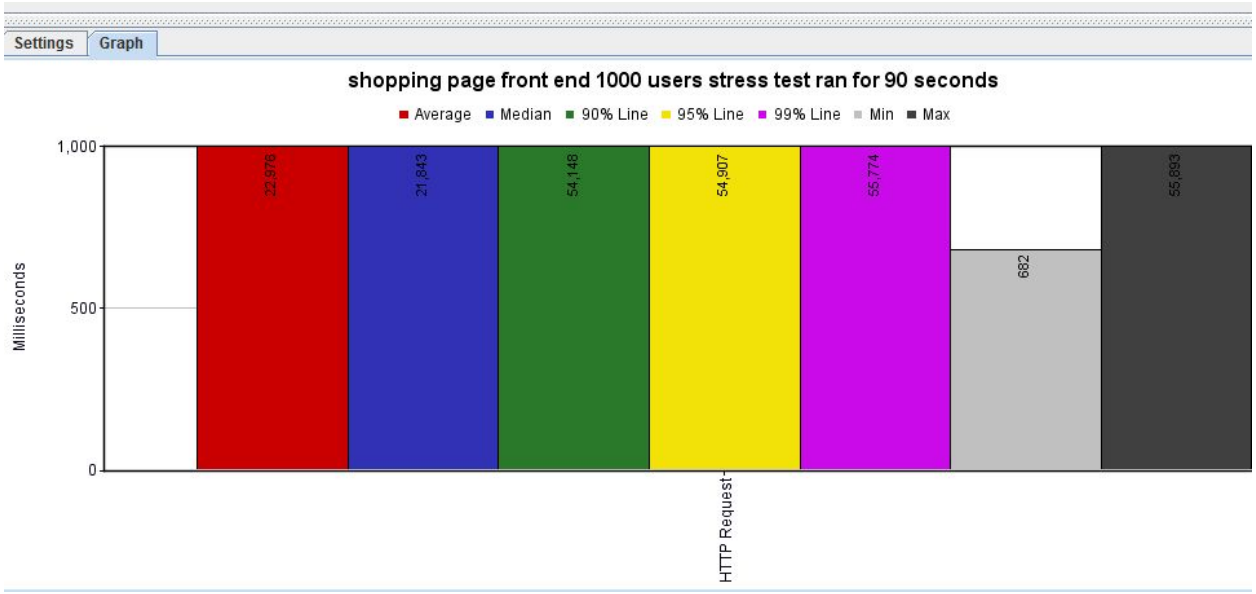
With 300 users load test front end shopping page ran for 90 seconds

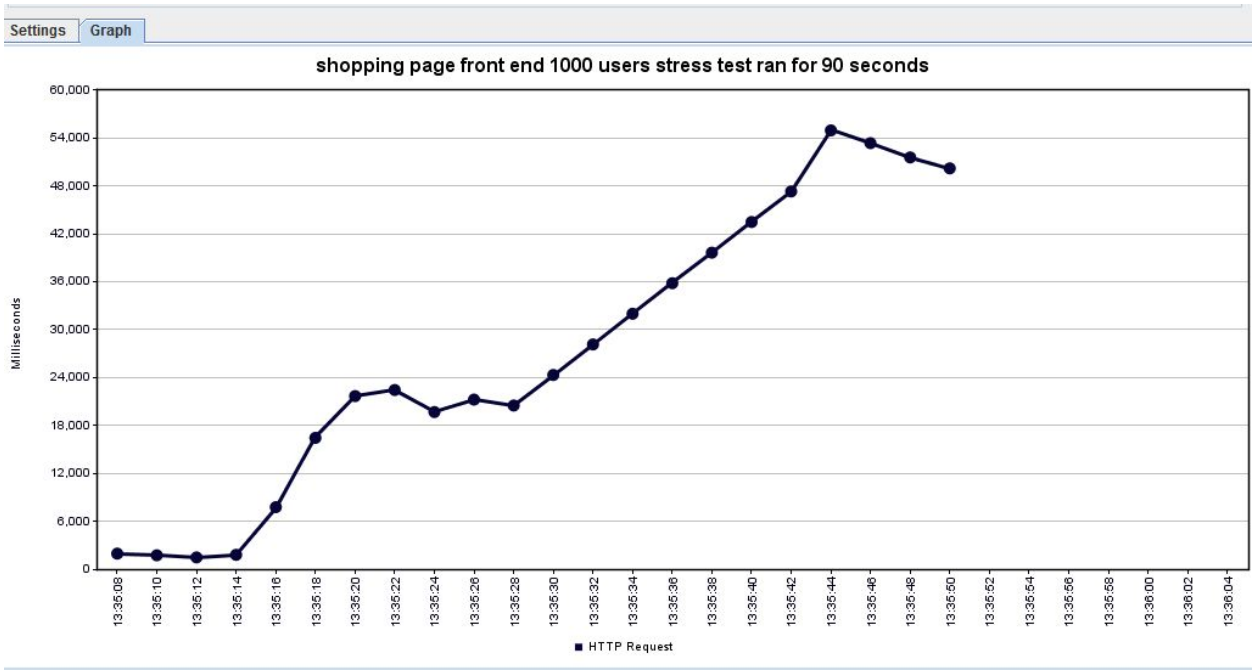
Label	# Samples	Average	Median	90% Line	95% Line	99% Line	Min	Max	Error %	Throughput	KB/
HTTP Request	3706	7173	1552	21621	49696	51668	19	51726	22.34%	24.5/sec	
TOTAL	3706	7173	1552	21621	49696	51668	19	51726	22.34%	24.5/sec	





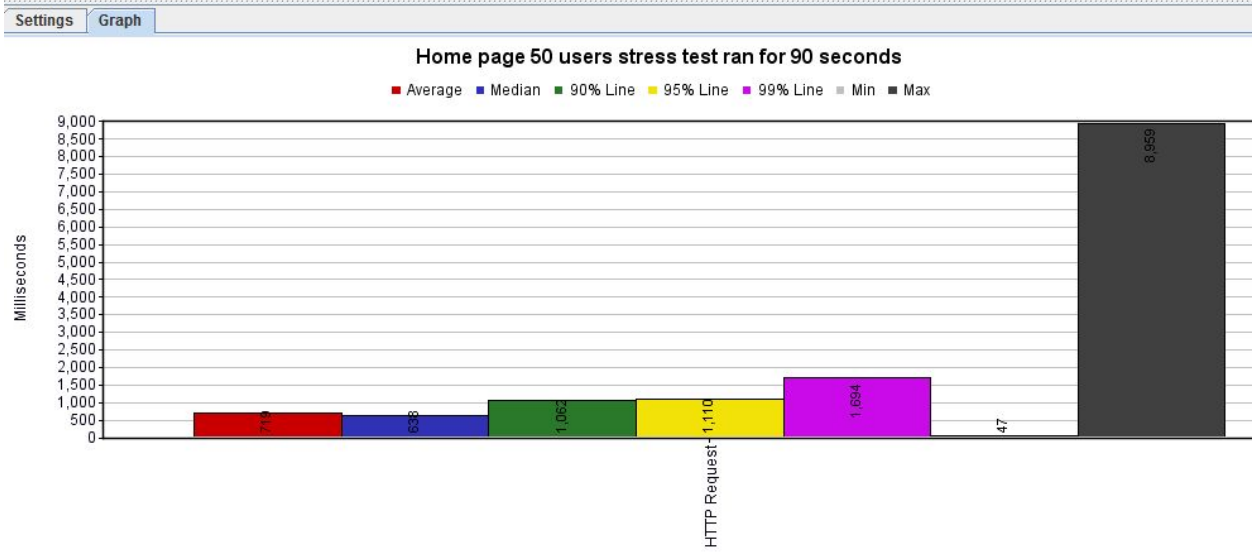
With 1000 users stress test for shopping page



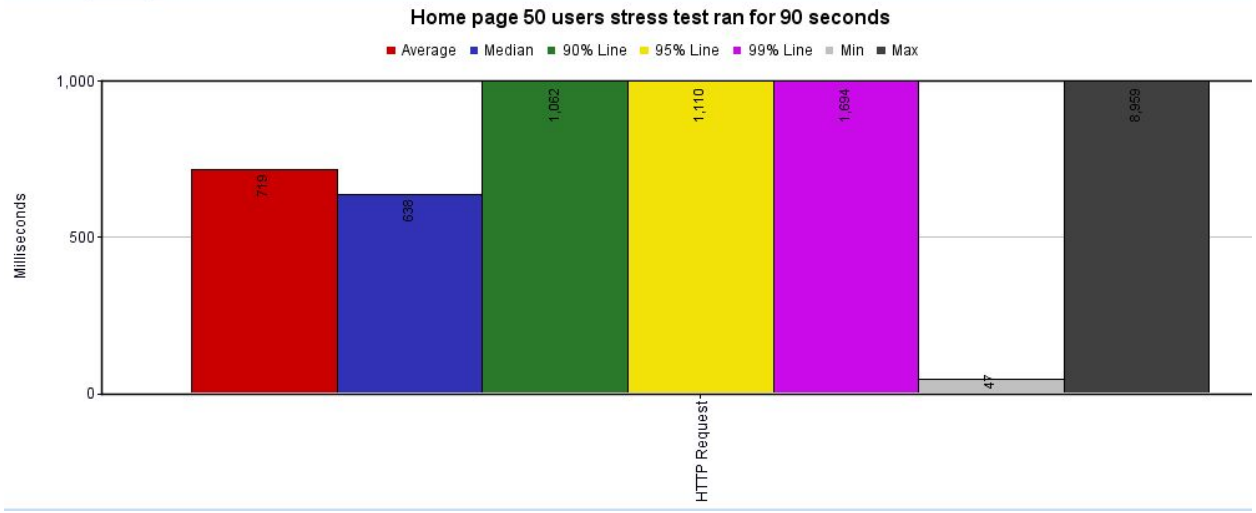


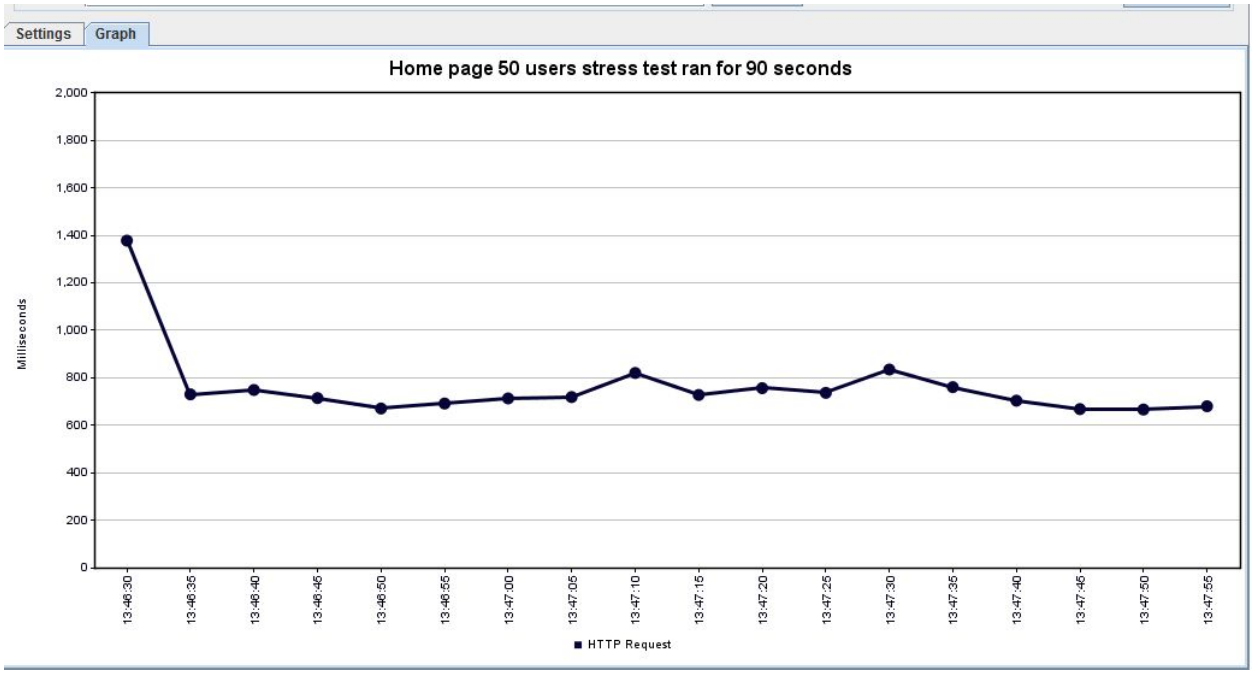
Performance test home page with 50 users ran for 90 seconds

Label	# Samples	Average	Median	90% Line	95% Line	99% Line	Min	Max	Error %	Throughput	K
HTTP Request	5638	719	638	1062	1110	1694	47	8959	0.89%	62.0/sec	
TOTAL	5638	719	638	1062	1110	1694	47	8959	0.89%	62.0/sec	



Label	# Samples	Average	Median	90% Line	95% Line	99% Line	Min	Max	Error %	Throughput	KB
HTTP Request	5638	719	638	1062	1110	1694	47	8959	0.89%	62.0/sec	
TOTAL	5638	719	638	1062	1110	1694	47	8959	0.89%	62.0/sec	

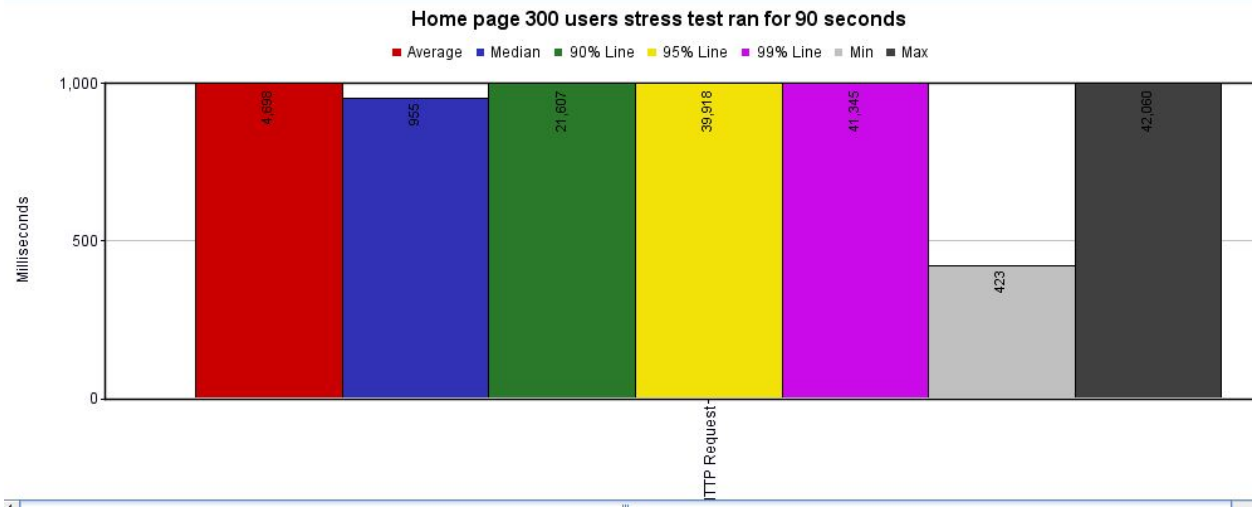


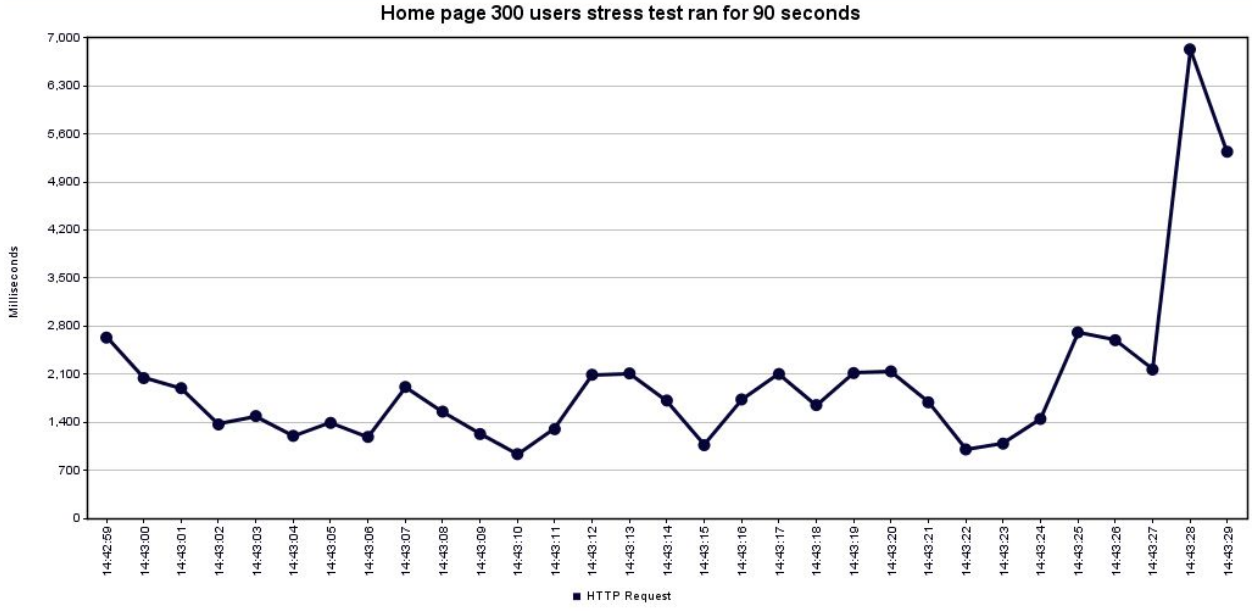


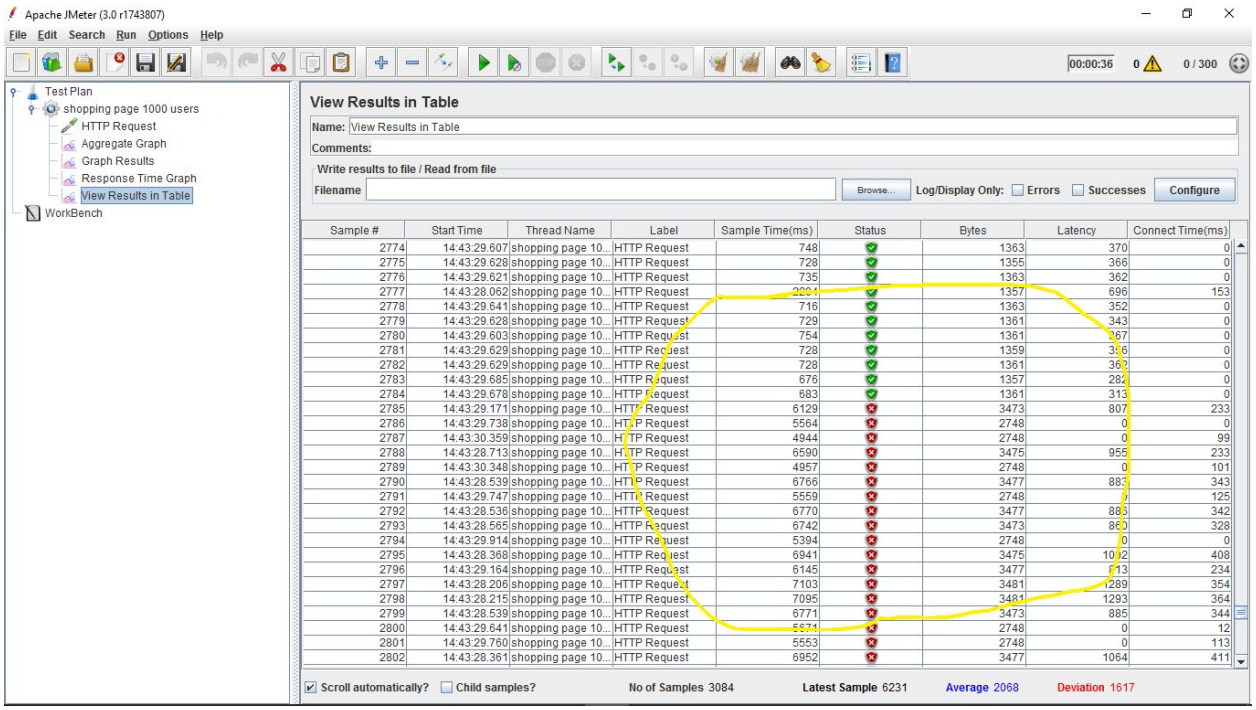
With 300 user home page load test ran for 90 seconds

Label	# Samples	Average	Median	90% Line	95% Line	99% Line	Min	Max	Error %	Throughput	K
HTTP Request	4818	4698	955	21607	39918	41345	423	42060	12.52%	53.3/sec	
TOTAL	4818	4698	955	21607	39918	41345	423	42060	12.52%	53.3/sec	

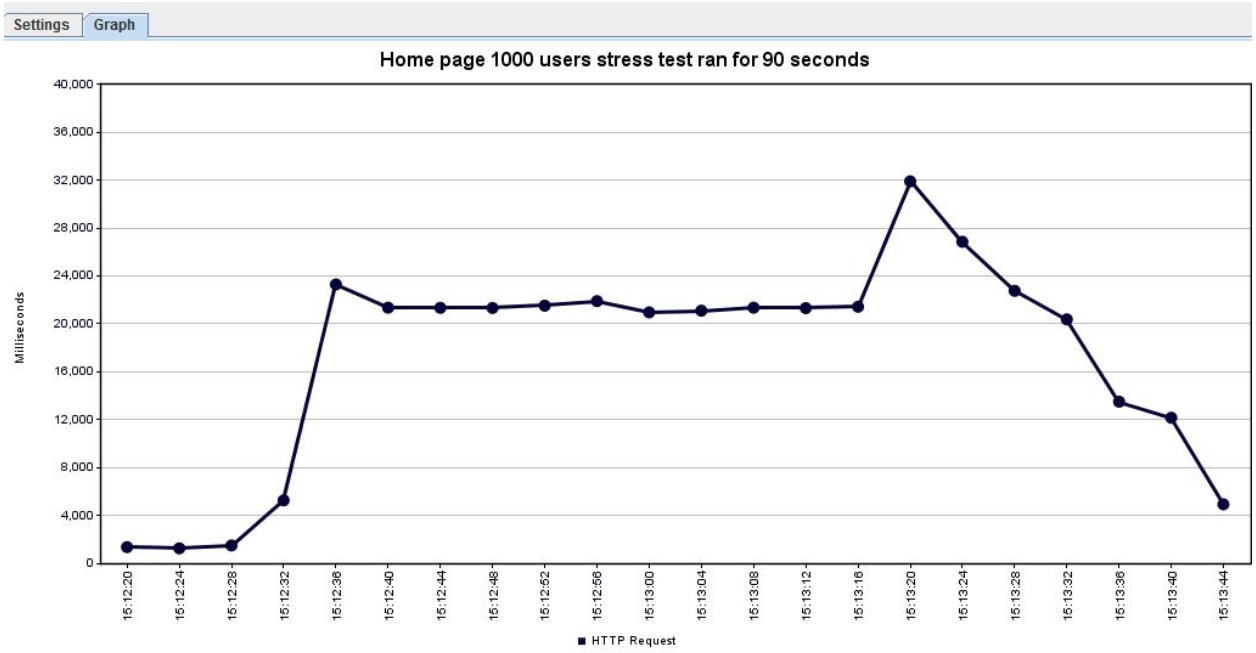
Settings | Graph

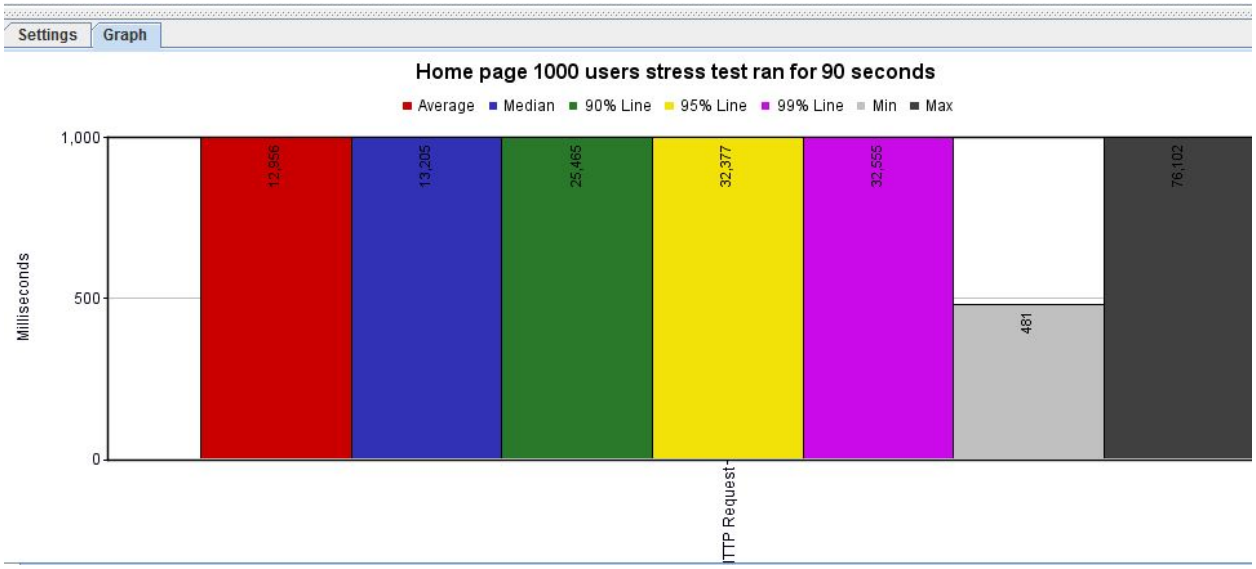


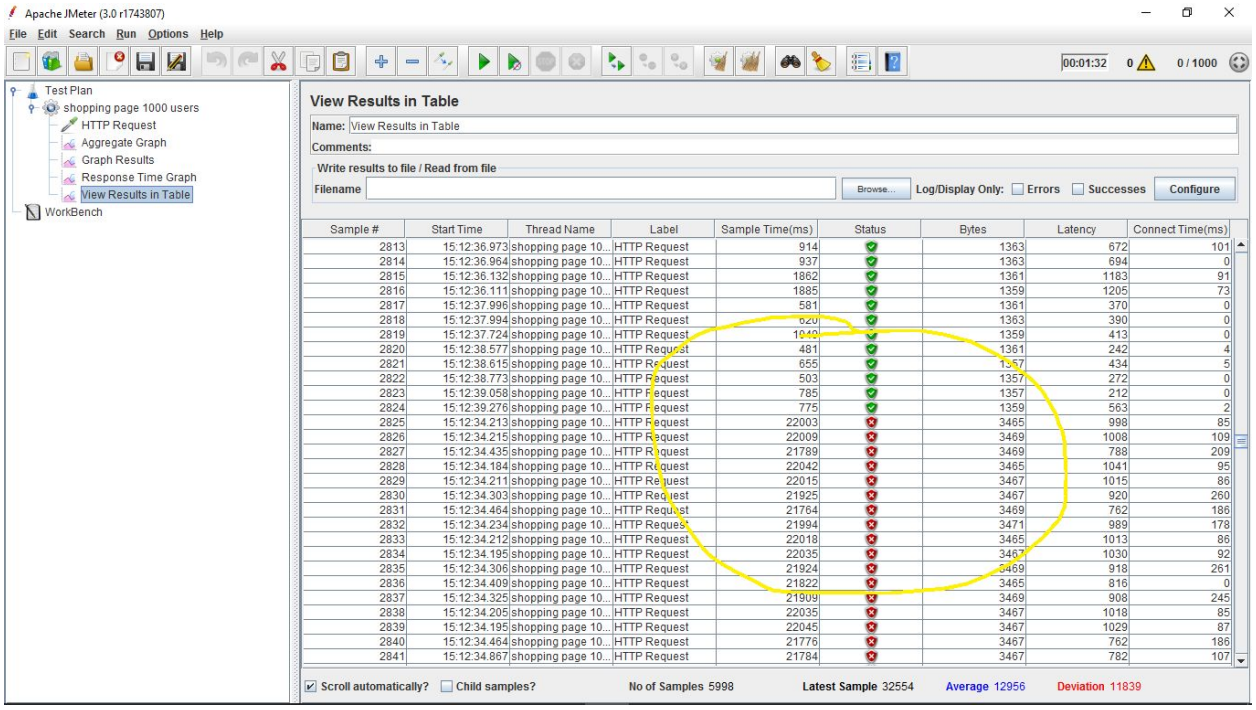




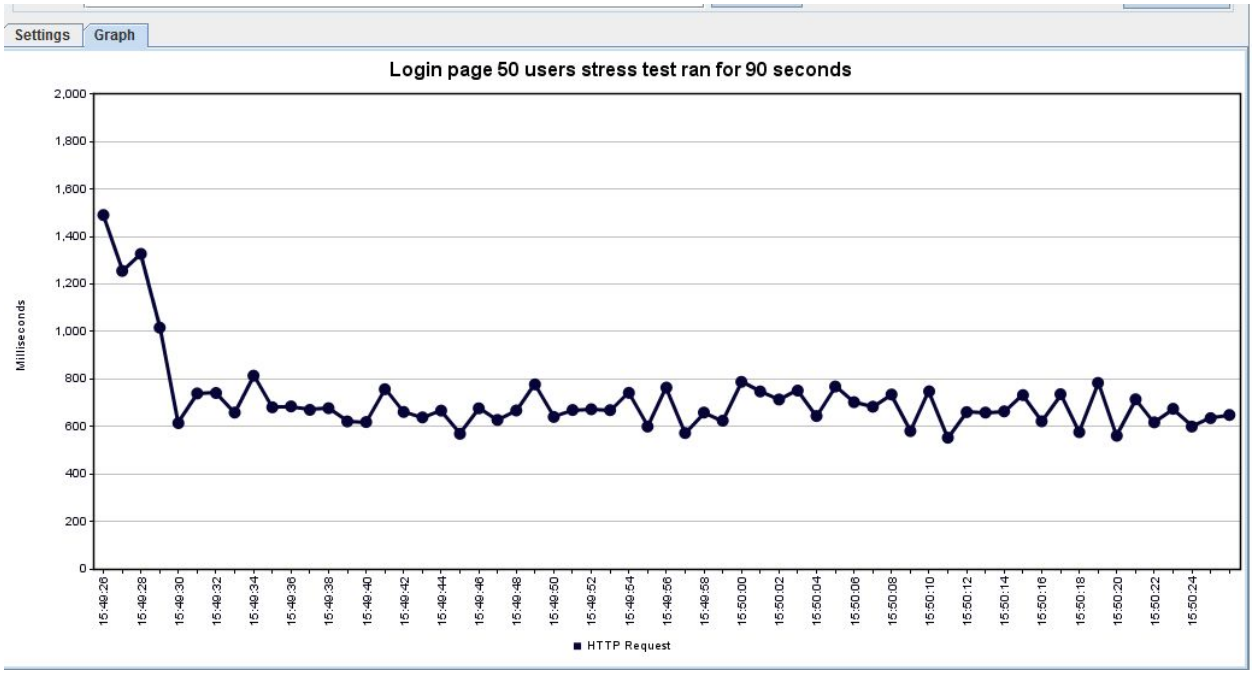
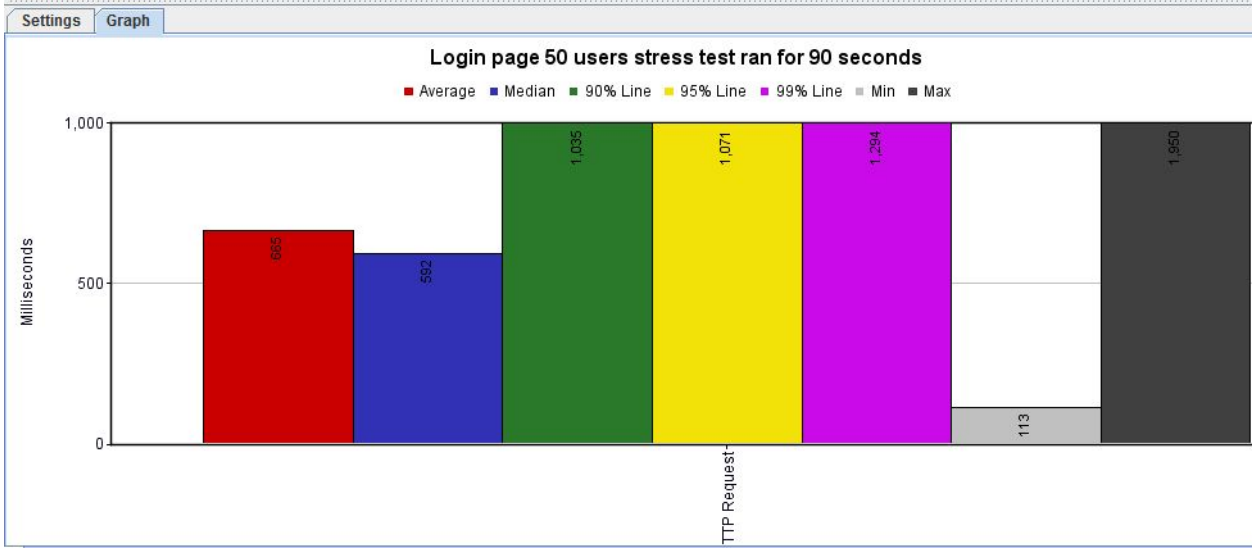
For 1000 users homepage stress test







For 50 users front end load test Login page ran for 90 seconds



Label	# Samples	Average	Median	90% Line	95% Line	99% Line	Min	Max	Error %	Throughput
HTTP Request	3457	665	592	1035	1071	1294	113	1950	1.45%	56.9/sec
TOTAL	3457	665	592	1035	1071	1294	113	1950	1.45%	56.9/sec