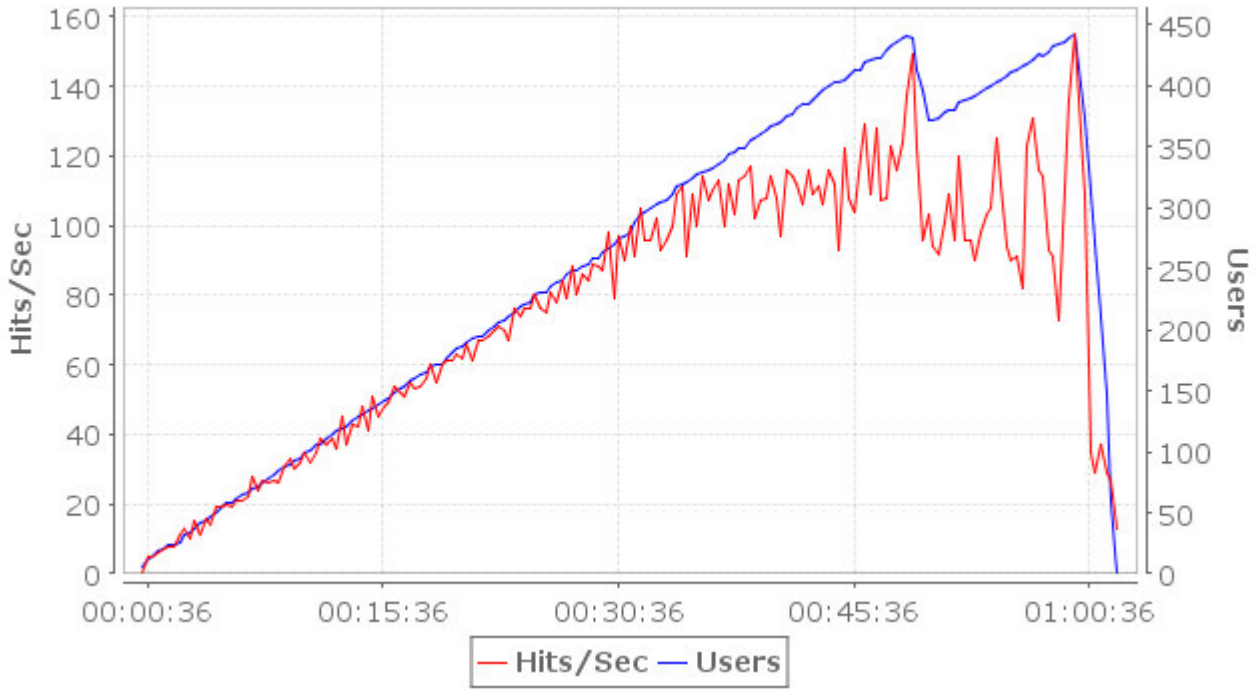
# Test Report: VM test

## Test Summary

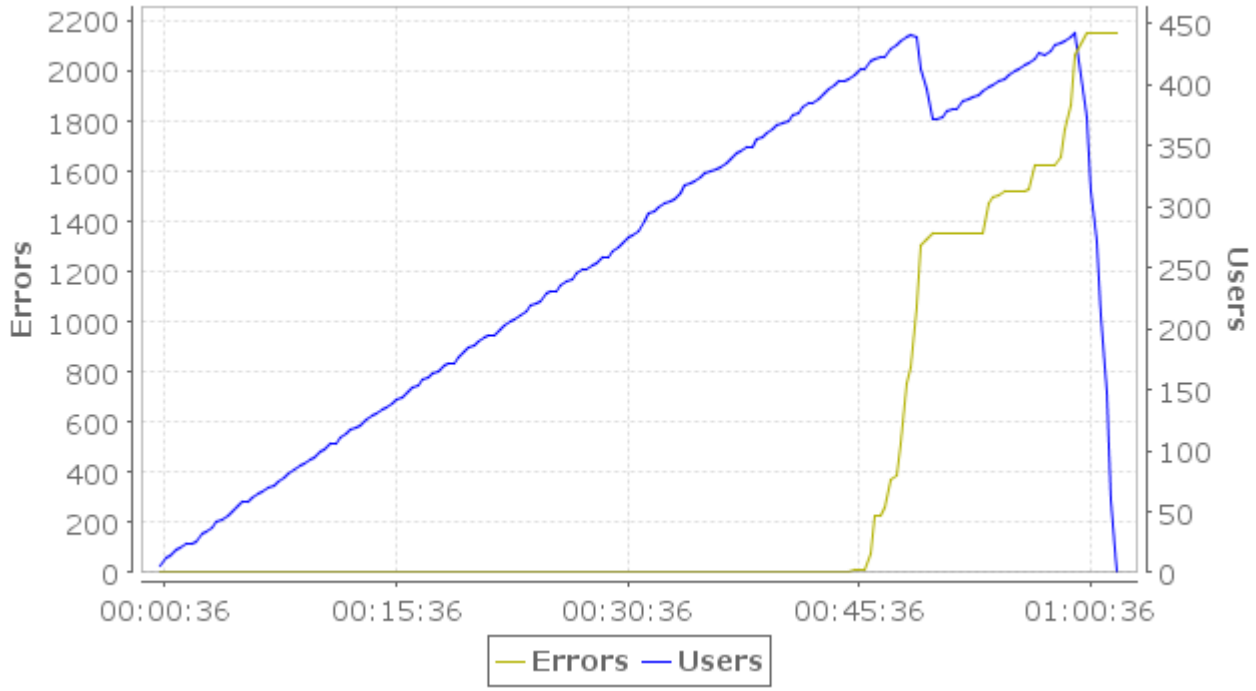
The Load Test Report contains all of the information about a particular load test. The summary section is the first, and gives a variety of high-level statistics like the estimated user capacity, peak users simulated, hits/sec, etc. The server statistics are included in this level so its easy to see at a glance if such things as web server CPU load and memory usage had an impact on performance.

| | |
|---|---|
| **Estimated User Capacity** | 390 |
| **Peak Users Tested** | 442 |
| **Start** | 3:59 PM 1/10/07 |
| **Duration** | 01:02:21 |
| **Total testcase repeats** | 10,794 |
| **Total hits** | 284,853 |
| **Peak hits/sec** | 155 |
| **Peak transfer speed** | 2.9 MBps |
| **Peak cases/min** | 354 |
| **Errors** | 2,151 |
| **Peak Server CPU (IssueTracker)** | 92% |
| **Peak Server memory (IssueTracker)** | 10% |

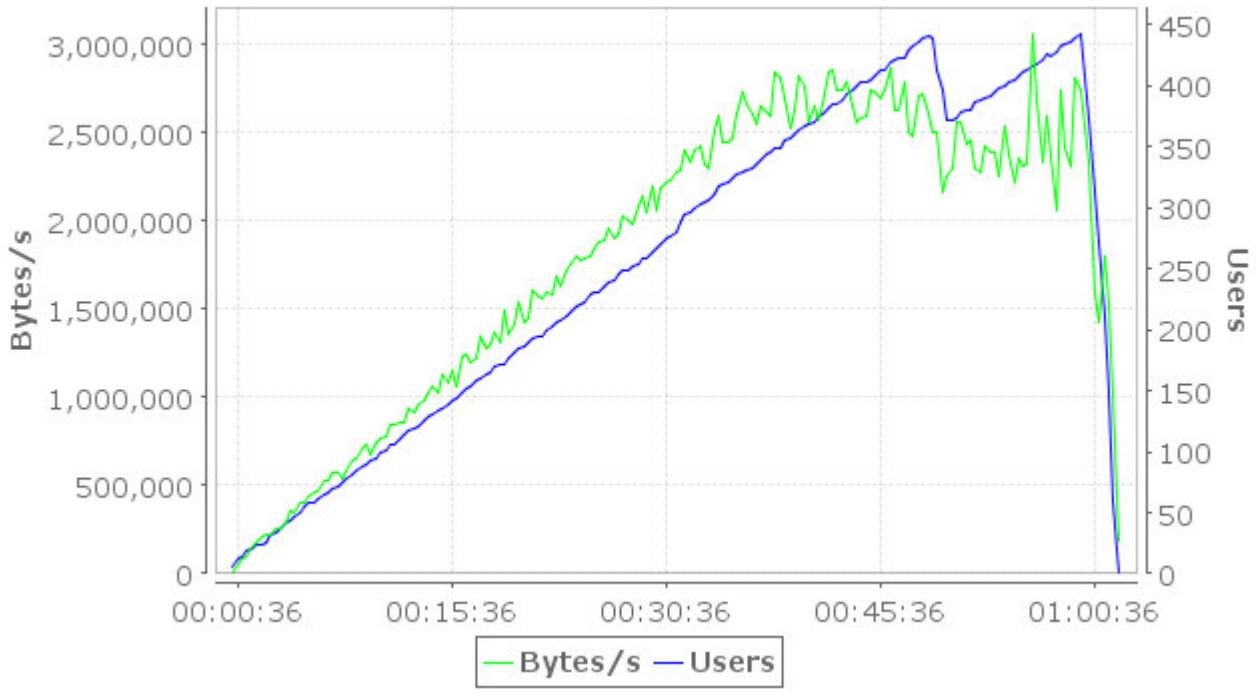
### Hits/sec:



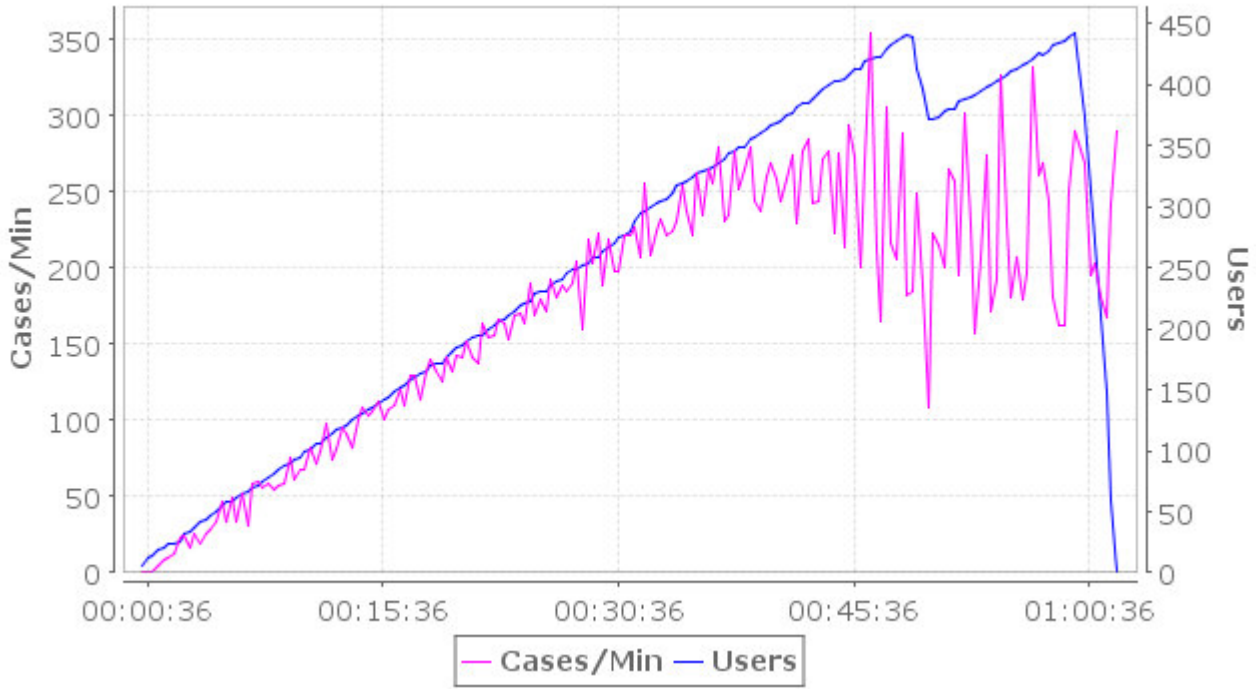

## Errors:



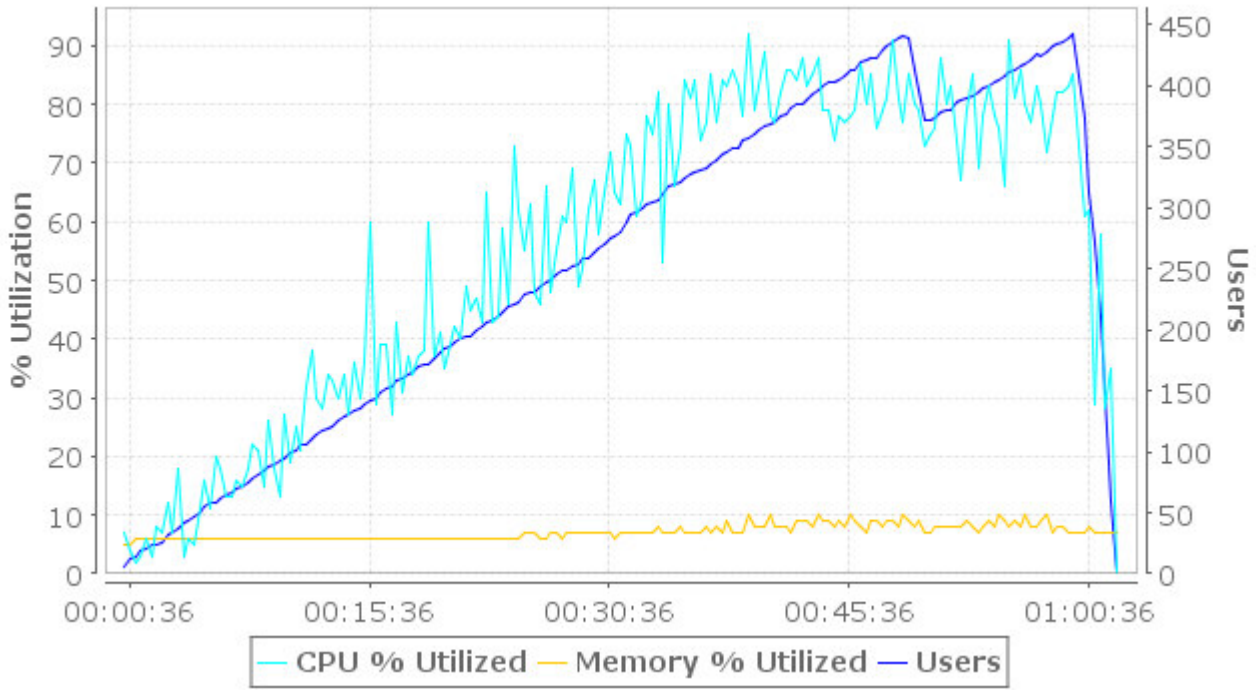

## Bytes/sec:




## Cases/min:



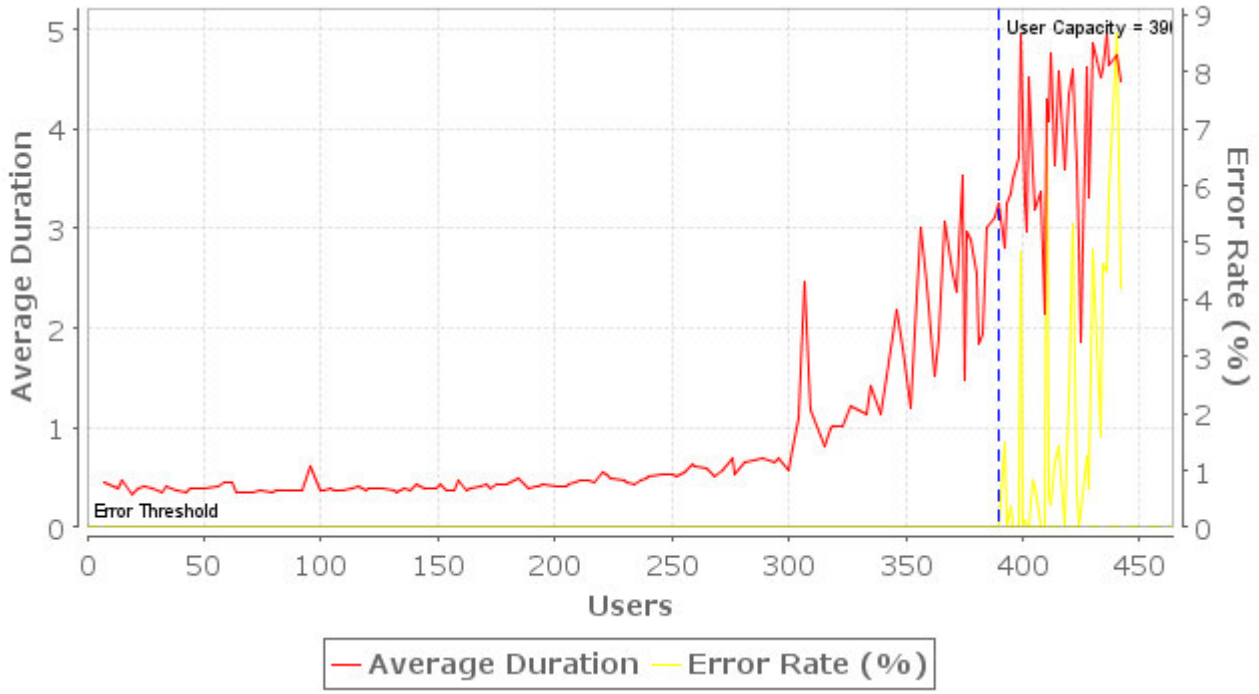

## Server stats for IssueTracker:


% Utilization
Users
0
10
20
30
40
50
60
70
80
90
0
50
100
150
200
250
300
350
400
450
00:00:36
00:15:36
00:30:36
00:45:36
01:00:36
CPU % Utilized
Memory % Utilized
Users

## User Capacity

The User Capacity section shows the measured user capacity, or how many users the web-based application could take while still meeting performance requirements. How this measurement was arrived at is demonstrated in the chart, which shows the duration and error thresholds. The maximum number of users measured for which the duration and error count threadholds are satisfied is the measured capacity.

| | |
|---|---|
| **Estimated User Capacity** | 390 |
| **Settings** | |
| **Duration Threshold** | 6 sec |
| **Duration Compliance** | 100% |
| **Error Threshold** | 0% |

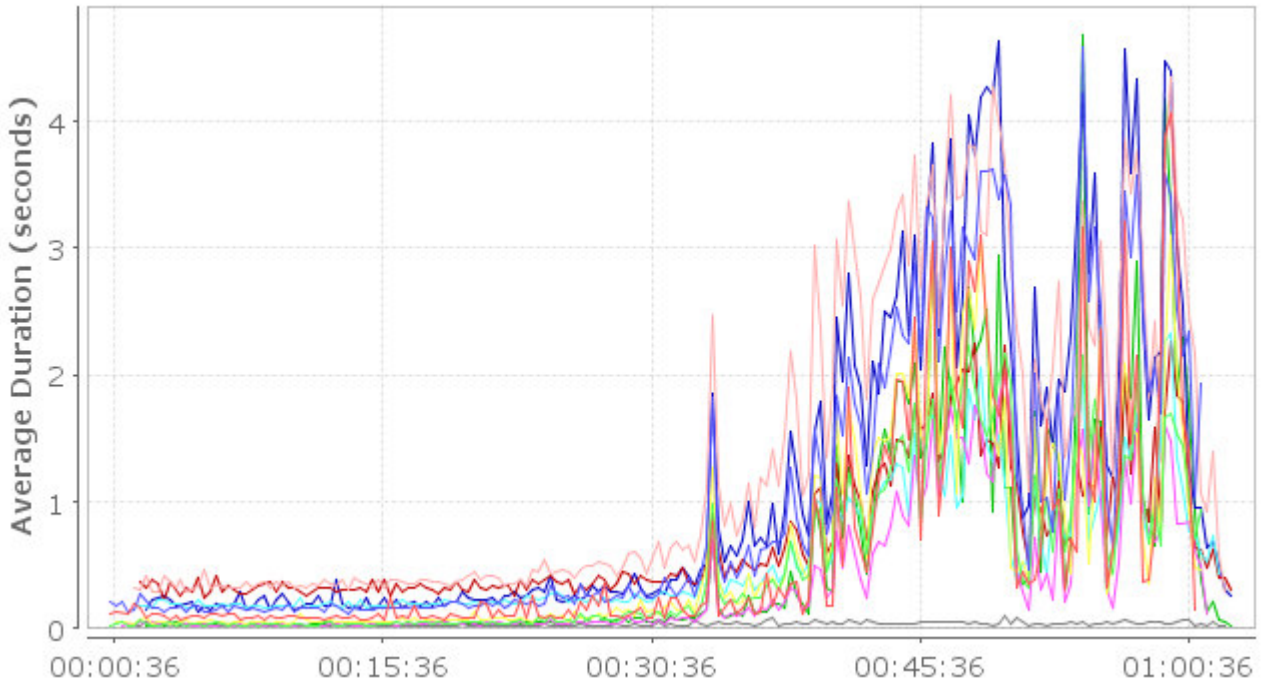


## Testcase Summary

| Testcase | Peak Users | Total Repeats |
|---|---|---|
| Query Issue (1) | 320 | 4,140 |
| Create New Issue (2) | 177 | 6,654 |

# Testcase Analysis: Query Issue (1)

## Combined chart of average page durations

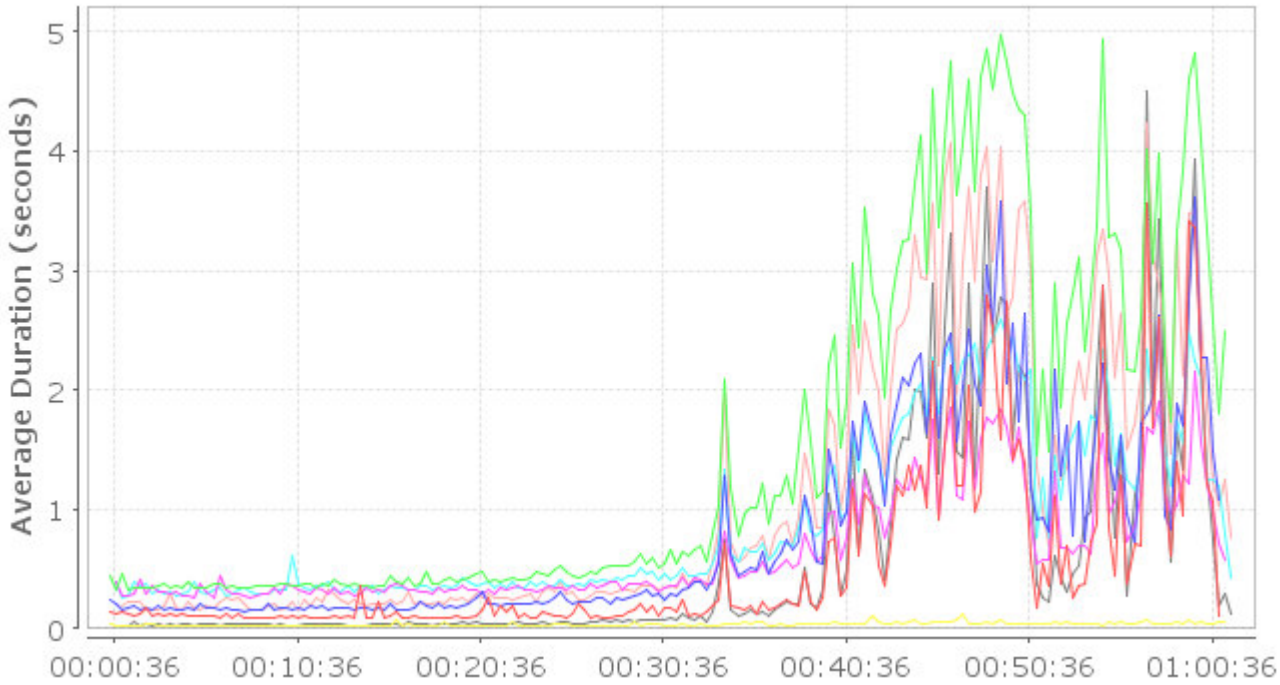



## Overall page performance stats:

| Name | Base Dur. | Repeats | Errors | Avg Dur. | Min Dur. | Max Dur. |
|---|---|---|---|---|---|---|
| Issue Tracker - Login [1] | 00:00.17 | 4,586 | 16 | 00:00.88 | 00:00.05 | 00:08.92 |
| Issue Tracker - Issues [1] | 00:00.69 | 4,586 | 201 | 00:01.44 | 00:00.02 | 00:06.66 |
| Issue Tracker - Queries [1] | 00:00.02 | 4,439 | 0 | 00:00.73 | 00:00.01 | 00:03.99 |
| Issue Tracker - Queries [2] | 00:00.03 | 4,419 | 8 | 00:00.77 | 00:00.02 | 00:05.96 |
| Issue Tracker - Queries [3] | 00:00.01 | 4,330 | 0 | 00:00.47 | 00:00.01 | 00:03.10 |
| Issue Tracker - Queries [4] | 00:00.16 | 4,299 | 0 | 00:00.70 | 00:00.13 | 00:03.72 |
| Issue Tracker - Issues [2] | 00:00.22 | 4,271 | 0 | 00:01.72 | 00:00.27 | 00:05.75 |
| SmartNav.htm | 00:00.00 | 4,271 | 0 | 00:00.01 | 00:00.00 | 00:01.20 |
| Issue Tracker - Issues [3] | 00:00.94 | 4,221 | 0 | 00:00.83 | 00:00.21 | 00:04.03 |
| Issue Tracker - Issues [4] | 00:00.16 | 4,144 | 8 | 00:01.52 | 00:00.09 | 00:07.44 |
| Issue Tracker - Login [2] | 00:00.05 | 4,140 | 55 | 00:00.79 | 00:00.01 | 00:07.12 |

# Testcase Analysis: Create New Issue (2)

## Combined chart of average page durations




## Overall page performance stats:

| Name | Base Dur. | Repeats | Errors | Avg Dur. | Min Dur. | Max Dur. |
|---|---|---|---|---|---|---|
| Issue Tracker - Login [1] | 00:00.09 | 6,964 | 25 | 00:00.60 | 00:00.05 | 00:09.21 |
| Issue Tracker - Issues [1] | 00:00.12 | 6,930 | 0 | 00:00.96 | 00:00.10 | 00:06.51 |
| Issue Tracker - Issues [2] | 00:00.10 | 6,855 | 0 | 00:01.84 | 00:00.27 | 00:07.84 |
| SmartNav.htm | 00:00.01 | 6,855 | 0 | 00:00.02 | 00:00.00 | 00:01.44 |
| Issue Tracker - Issues [3] | 00:00.04 | 6,714 | 0 | 00:00.70 | 00:00.21 | 00:03.76 |
| Issue Tracker - Issues [4] | 00:00.07 | 6,635 | 0 | 00:01.00 | 00:00.22 | 00:04.42 |
| Issue Tracker - Issues [5] | 00:00.07 | 6,630 | 121 | 00:01.33 | 00:00.01 | 00:07.07 |
| Issue Tracker - Login [2] | 00:00.02 | 6,624 | 125 | 00:00.71 | 00:00.01 | 00:07.49 |