# Load test report
# PLAZA

testing.forgeservicelab.fi

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# 1. Service Under Test

Environment:TESTING
URL: https://testing.forgeservicelab.fi

Execution time: 30.3.2015 11:00 - 12:00

# 2. Tested scenario

Use case: Anonymous browsing

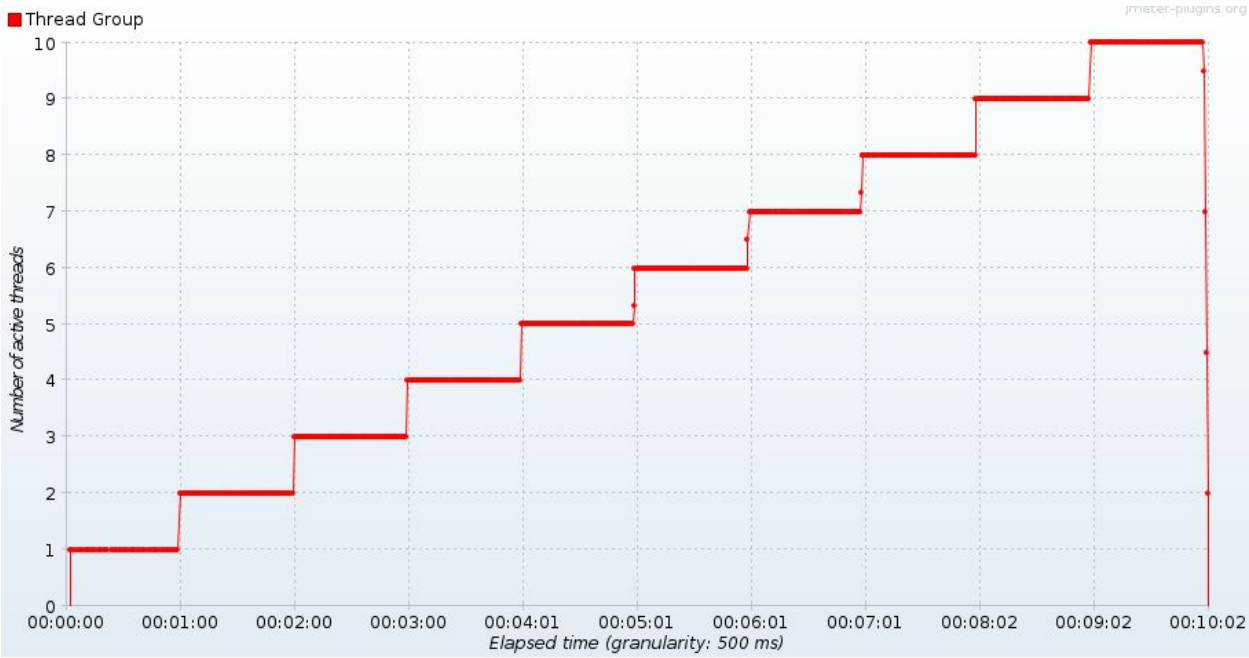
1. Go to forgeservicelab.fi main page
2. Go to Projects page
3. Go to Feed page
4. Go to Plaza page

Set up:

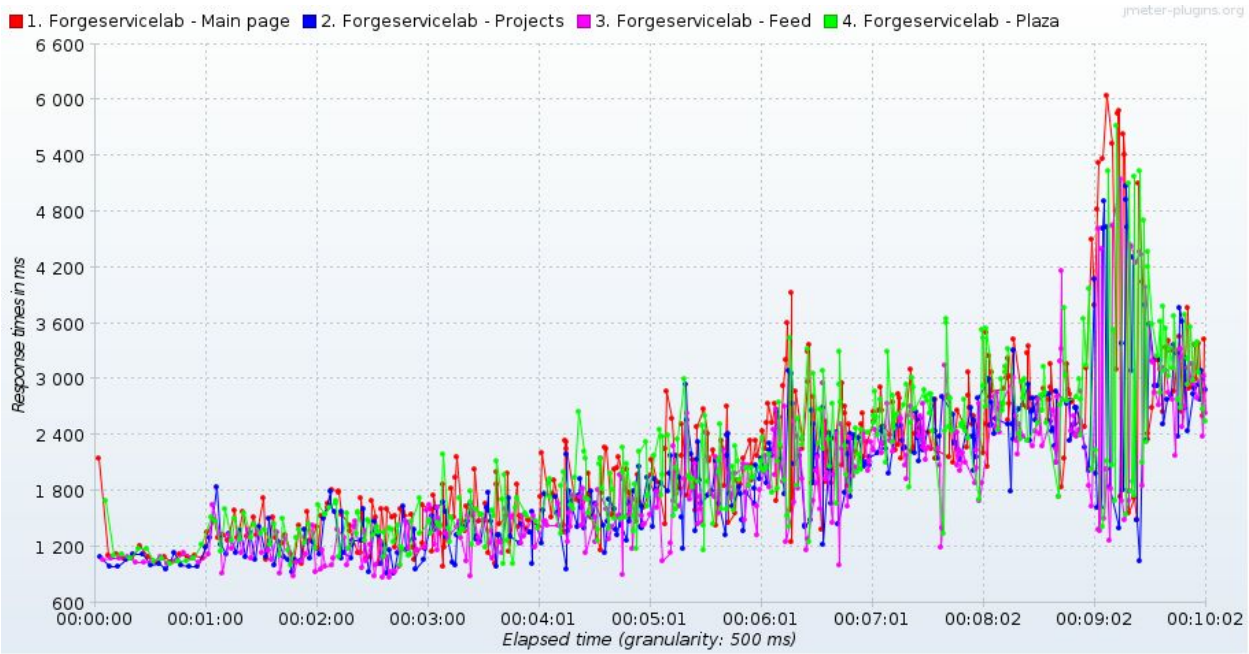
| Test Plan | Max Virtual Users | Ramp up | Duration | Time between transactions |
|---|---|---|---|---|
| Anonymous browsing | 10 | 60 s | 10 min | 0 s |

# 3. Results

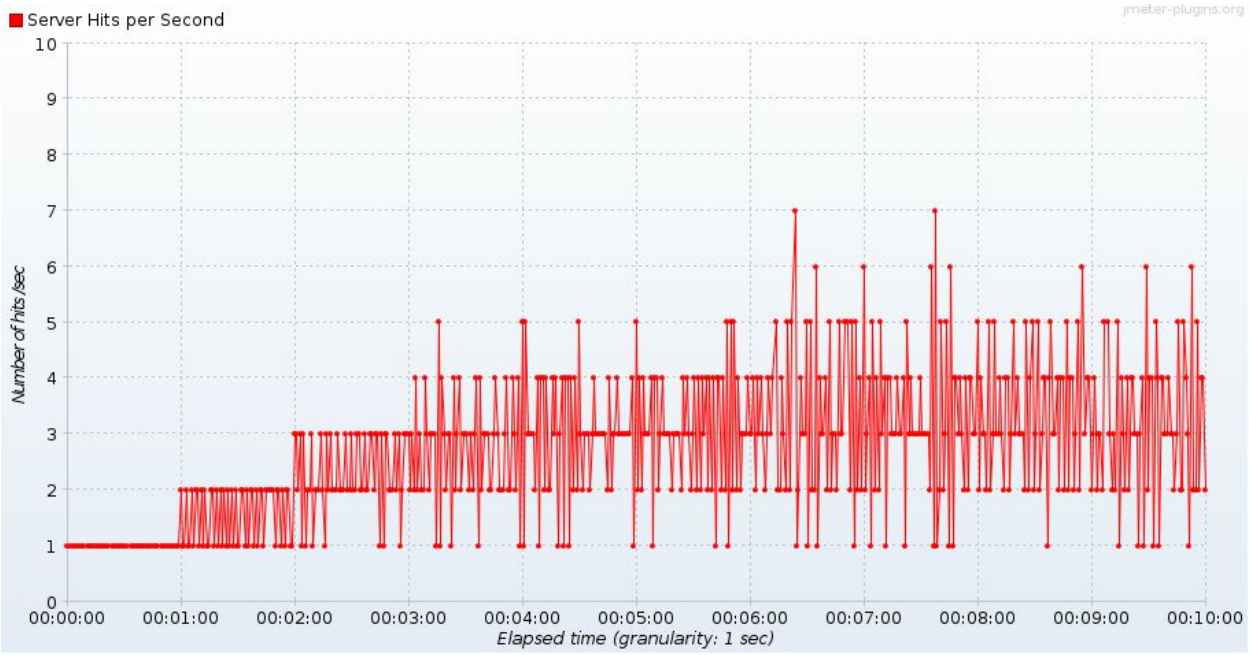
## 3.1 Number of users



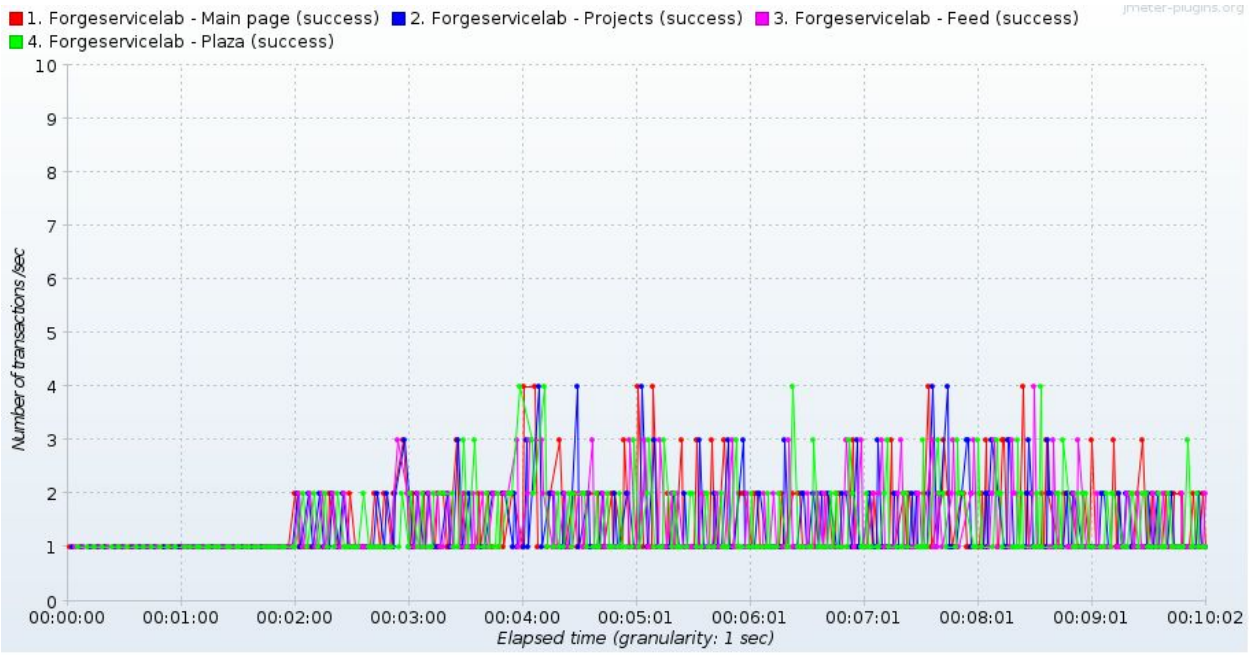

## 3.2 Response time



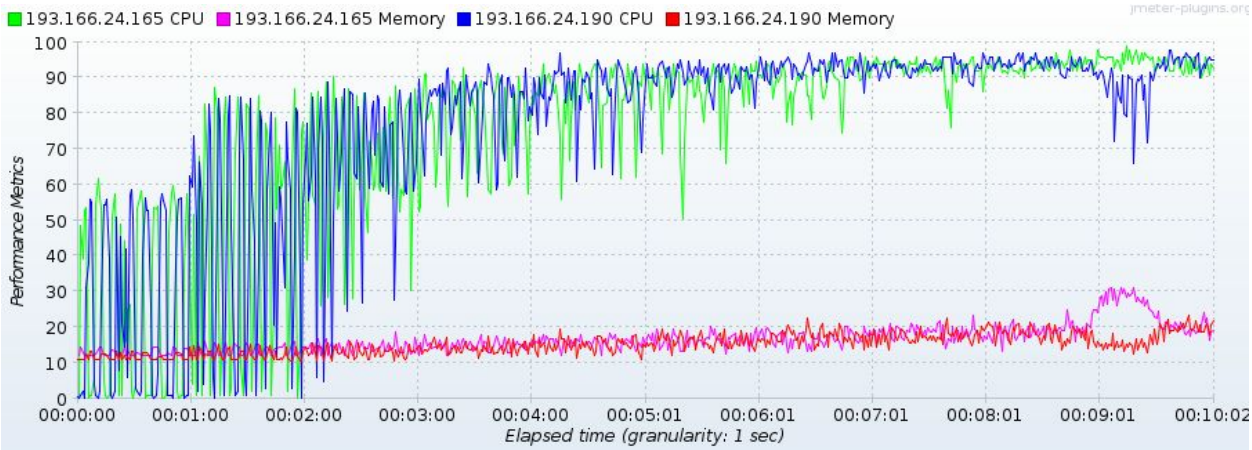
## 3.3 Hits



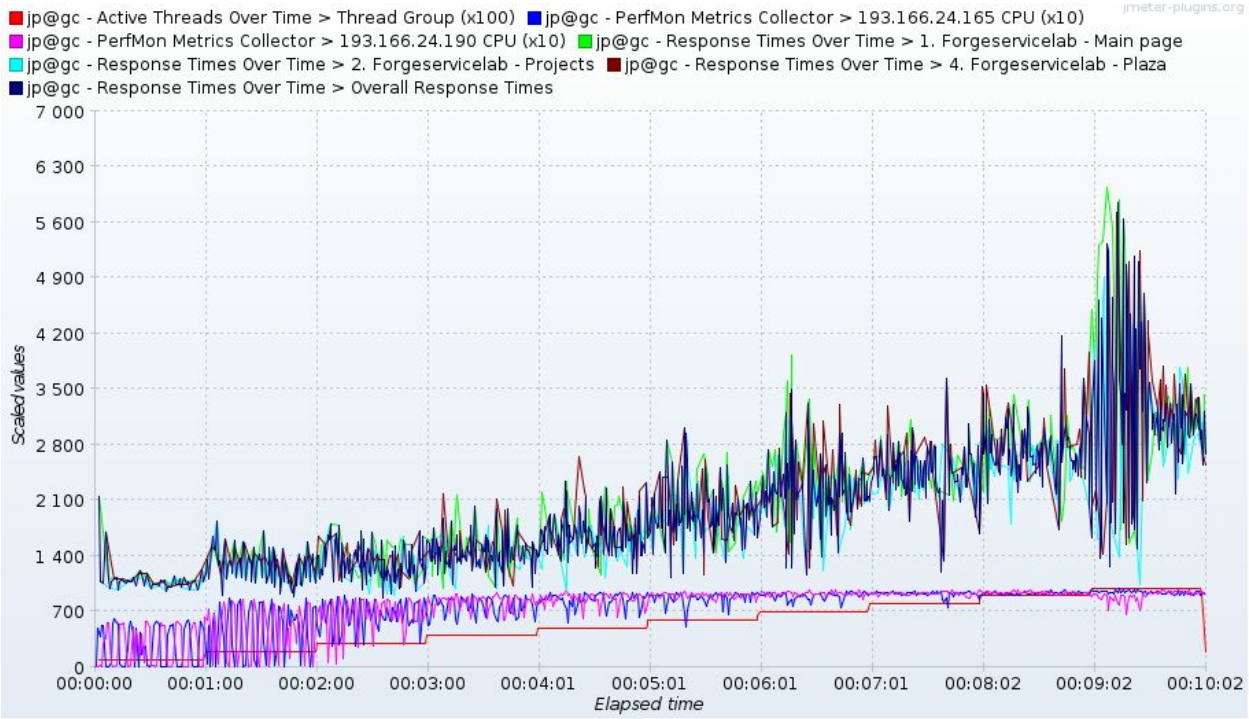

## 3.4 Transactions



### 3.5 Server Load




### 3.6 Composite




## 4. Conclusion

Based on the graphs above it seems that testing.forgeservicelab.fi can easely handle 10 simultaneous users. These simultaneous users didn't have any wait time between transactions so can multiply that with at least 10 for getting real user  amount. The Load balancer distributes the request evenly to the Drupal servers (193.166.24.165 and 193.166.24.190) which can be seen in the server load diagram

The servers CPU load limit was reached after 6 VUsers and after that the response times started to slowly increase. The average response time with 10 simultaneous vusers was about 3 seconds which is acceptable level at the moment.

## 4.1 Next steps

We should analyze the current usage in more detailed level so that we can create a real life user scenario. We should also run the very same scenario against production servers to make sure that the server setup in production