**Test report (16.02.2020 Task1)**

**1. Executive summary**

**1.1. Test purpose**

Generate test data (posts) and measure execution time

**1.2. Test status**

Test Passed

**1.3. Test summary**

Data was generated and time was measured. Now we are able to estimate time for data generating. Also, we found bottleneck of our system. It is a CPU. I am sure, that upgrade CPU gives us more efficient application if we plan to handle a lot of posts in short part of time

**2. Test objectives**

a) Get data generator

b) Script login procedure

c) Get experience of test data preparation

d) Get estimated time needed for data generation

**3. Test configuration**

**3.1. Hardware configuration**

Environment: virtual machine

Operation System: Windows 10(64-bit)

RAM: 4GB

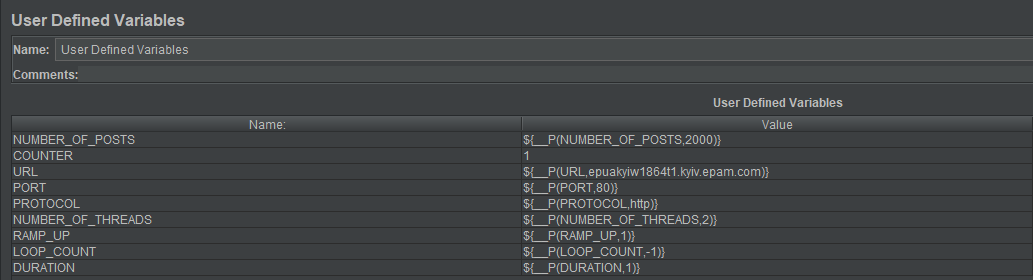
Processor: Intel Core i-7 6700. Use only to 1 CPU on environment

HDD memory size: 50GB

**3.2. Test configuration**

Prerequisites: Manually test site’s workability

Test configuration



**4. Quality criteria**

Data generate

**5. Test scenario**

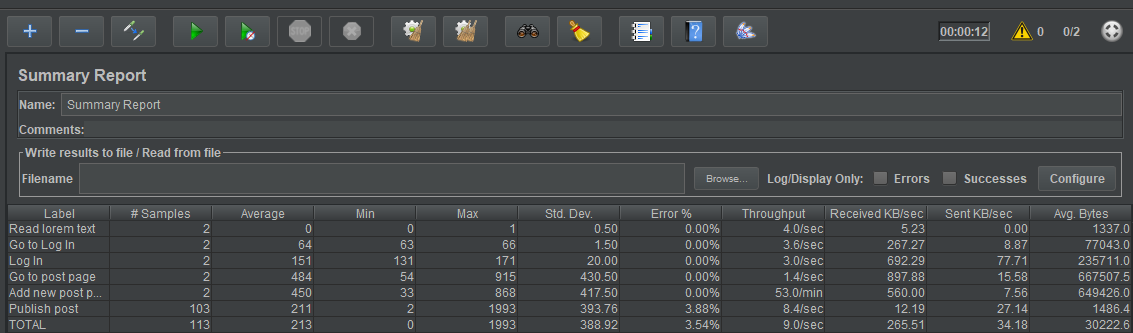
**5.1. User Behavior and Workload**

In this test scenario we doesn`t emulate real behavior of user. This test was created for fast data generation

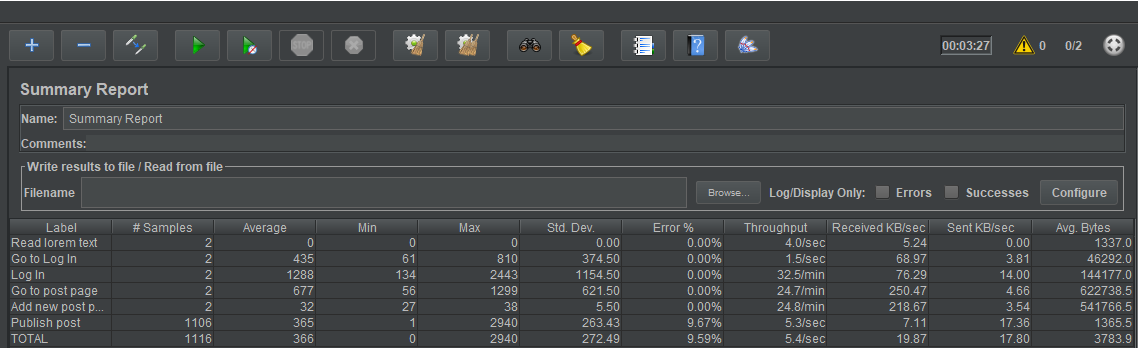
**5.2. Scheme of scenario**

**6. Test results**

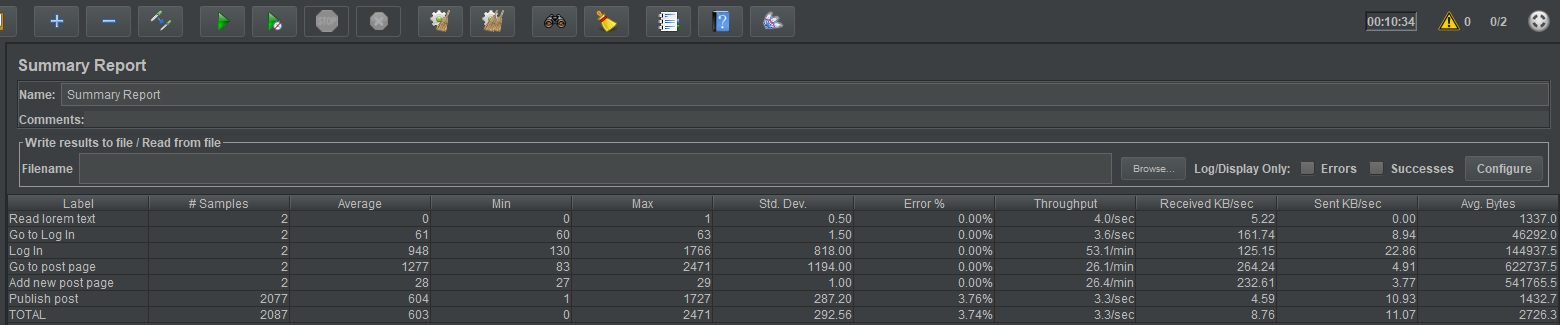
Generating 100 posts (12 sec.)



Generating 1000 posts (3 min 27 sec)



Generating 2000 posts (10 min 34 sec)



Active threads, hits, CPU load, transactions successful/failed

