**Report about conducted load test**

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**Application:** BlogEngine.NET version 3.2

**Environment:** Test Environment

**Test Environment configuration(RAM, CPU etc.):** Intel(R) Core(TM) i7-10610U CPU 1.80 GHz 2.30 GHz; RAM 3.95 GB; System type: 64-bit operating system

1. **Why such testing was conducted:** To determine degradation point and capacity of the application
2. **Test script description:**

Diagram

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1. **Tests:**   
     
   **Test run preconditions:** 110 posts created on different dates according to .csv file

**Load Model:** Capacity testing

1. **Short summary on conducted tests:** Test was conducted for 80 users, ramp-up time is 600 sec, duration 600 sec
2. **Detailed test results:** According to capacity test results the comfort zone is before 40 users, degradation zone is between 40 and 55 users. Application reaches it’s capacity once the users count bis 55.
3. **Conclusion:** application reaches saturation point at *100th second of test run* when *55 virtual users* produced *40 requests per second*