**Report about conducted load test**

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**Application:** BlogEngine.NET version 3.2

**Environment:** Test Environment

**Test Environment configuration(RAM, CPU etc.):**

|  |  |
| --- | --- |
| Processor | Intel(R) Core(TM) i7-10610U CPU 1.80 GHz 2.30 GHz |
| RAM | 3.95 GB |
| System type | 64-bit operating system |
| Operating System | Windows 10 Enterprise 21H1 |

1. **Why such testing was conducted:** The load test should be conducted to determine if the system behavior is expected under the average load
2. **Test script description:**

Diagram

Description automatically generated

1. **Tests: 2 test runs**  
     
   **Test run preconditions:** 2 different editor users should be created, 100 posts should be created by editors

**Load Model:** Load testing. Test was conducted for 2 admin users, ramp-up time is 60 sec, duration 1200 sec, Gaussian timer between requests 3 sec with deviation 0.10 sec.

1. **Short summary on conducted tests:**

According to load test results the system behavior is stable. No server errors were thrown.

1. **Detailed test results:**

**Chart, histogram, treemap chart

Description automatically generated**

**Chart

Description automatically generated**

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Description automatically generated**

**Chart

Description automatically generated**

1. **Conclusion:** application behavior is expected for two users, CPU average usage is 7.53 %, only 1 short spikes is observed during test run.