**Report about conducted load test**

**Date:** 28th of May 2022

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**Application:** BlogEngine.NET version 3.2

**Environment:** Host machine where script was run + Virtual Machine where blog is deployed

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

|  |  |
| --- | --- |
| **RAM** | 4096 MB |
| **CPU** | 1 Core CPU (Intel(R) Core(TM) i7-8665U CPU @ 1.90GHz 2.11 GHz) |
| **System Type** | Windows 10 64-bit |

1. **Why such testing was conducted:** To determine general capacity of BlogEngine application for Admin flow, find saturation point
2. **Test script description:** Script contains actions for Admin flow. Firstly “user” opens Home page, Logs In, after that starts loop which executes 10 times: Open Admin Page -> Open Users Page -> depending on current number of users -> Create User OR Delete User. After loop ends “user” will be logged off.

Diagram

Description automatically generated

1. **Tests:** 2 test runs.  
     
   **Test run preconditions:**

* 2 Admin users
* CSV file with user credentials

**Load Model 1:**

|  |  |
| --- | --- |
| **Users** | 400 |
| **Rump up time (s)** | 600 |
| **Duration (s)** | 600 |

**Load Model 2:**

|  |  |
| --- | --- |
| **Users** | 300 |
| **Rump up time** | 600 |
| **Duration** | 600 |

1. **Short summary on conducted tests:**
2. **Detailed test results:**

**5a)**

1. **Conclusion:**