The durability test results below show that over time, the response time grows in leaps and bounds, in parallel increasing the number of server errors.

Graphical user interface, application

Description automatically generatedGraphical user interface, application

Description automatically generatedGraphical user interface, chart

Description automatically generatedGraphical user interface, application

Description automatically generated

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Samples | Average | Median | 90% Line | 95% Line | 99% Line | Min | Max | Error % | Throughput | Received KB/sec | Sent KB/sec |
| 1CPU; 8GB RAM | 69 | 641 | 31 | 381 | 6436 | 11769 | 0 | 11941 | 0.00% | 46.0/min | 64.99 | 13.77 |
| Durability test(1hour) | 709 | 4259 | 464 | 15418 | 19753 | 25902 | 0 | 32245 | 30.89% | 9.7/min | 11.43 | 3.38 |
| difference |  |  |  |  |  |  |  |  | 30.89% | -78.91% | -82.41% | -75.45% |

Summary report on durability testing:

According to the presented results, it can be seen that with an increase in the duration of the test, the throughput significantly deteriorates (by 79%), while the response time and the number of errors increase (by 31%).

In conclusion, we can say that this system is not ready to work over a long period of time and needs to be improved.