ZSUMMER压力测试报告

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# ZSUMMER stress report

## Ping-pong stress:

on windows , CPU I5-3550 4 core @ 3.3GHz

on linux , CPU E5620 2 core @ 2.40GHz

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 测试平台 | 库 | 连接数 | echo包速度 | 平均延迟ms |
| windows | asio\_tcp | 1 | 31493 | - |
| windows | zsummer\_tcp | 1 | 34372 | 0.0276 |
| windows | zsummer\_11x\_tcp | 1 | 35860 | 0.0278 |
| windows | zsummer\_11x\_udp | 1 | 39640 | 0.0251 |
| linux | asio\_tcp | 1 | 40689 | - |
| linux | zsummer\_tcp | 1 | 43252 | 0.0231 |
| linux | zsummer\_11x\_tcp | 1 | 41210 | 0.0242 |
| linux | zsummer\_11x\_udp | 1 | 50796 | 0.0196 |

## 100K stress:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 测试平台 | 库 | 连接数 | echo数 | 延迟数据 | CPU | 内存 | 吞吐 |
| windows | zsummer\_tcp | 100066 | 9649 | 16%在1ms以内,77%在5ms以内 | 23%(22~26) | 480M | 单向9.6M |
| windows | zsummer\_11x\_tcp | 100014 | 9228 | 18%在1ms以内,80%在5ms以内 | 21%(17~26) | 480M | 单向9.2M |
| linux | zsummer\_tcp | 100000 | 9450 | 85%在1ms以内,14%在5ms以内 | 21%(15~28) | 611M | 单向9.4M |
| linux | zsummer\_11x\_tcp | 100000 | 8931 | 84%在1ms以内,14%在5ms以内 | 22%(15~30) | 602M | 单向8.9M |

平均延迟