ZSUMMER压力测试报告

目录

[ZSUMMER压力测试报告 1](#_Toc376280755)

[ZSUMMER stress report 2](#_Toc376280756)

[Ping-pong stress: 2](#_Toc376280757)

[100K stress: 3](#_Toc376280758)

# ZSUMMER stress report

## Ping-pong stress:

Windows环境为 WIN7, CPU I7-2600 3.4GHz 4核心

Linux环境为debian7.0.6, CPU E5620 2.4GHz 2核心( vmware vSphere)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 测试平台 | 库 | 连接数 | 每秒消息包数量 | 延迟统计 | 内存吞吐 | Echo总延迟 |
| windows | asio\_tcp | 1 | 34512 | 未统计 | 单向27M | 0. 0289ms |
| windows | zsummer\_tcp | 1 | 39869 | 100%在1ms以内 | 单向35M | 0. 0250ms |
| windows | zsummer\_11x\_tcp | 1 | 37366 | 100%在1ms以内 | 单向33M | 0. 0267ms |
| windows | zsummer\_11x\_udp | 1 | 42484 | 100%在1ms以内 | 单向37M | 0. 0235ms |
| linux | asio\_tcp | 1 | 37425 | 未统计 | 单向37M | 0. 0267ms |
| linux | zsummer\_tcp | 1 | 40621 | 100%在1ms以内 | 单向40M | 0. 0246ms |
| linux | zsummer\_11x\_tcp | 1 | 34150 | 100%在1ms以内 | 单向34M | 0. 0319ms |
| linux | zsummer\_11x\_udp | 1 | 44643 | 100%在1ms以内 | 单向44M | 0. 0223ms |

每秒消息包数量, 数量越多性能越好

## 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