Ib_read_lat and wireshark related

2019年4月19日 上午 09:57

Ib_read_lat experiments:

By using blktrace, we got an average 4K pagefault latency is about 6.5 microsecond [Q2C]. By using lb_read_lat, we got the latency 2.04 microsecond from verb API to hardware device. Ib read lat:

https://community.mellanox.com/s/article/perftest-package https://github.com/lsgunth/perftest/tree/master/src

The RDMA read/write transection is one-side and sent/receive is two-side. The source code is using the read/write transection.

if one side RDMA configuration, we agree the above breakdown.

if the configuration is two-side, the call stack for verb API will be executed for four times. The 2 microsecond will be not accuracy.

Wireshark:

The data sizes are matched between wireshark and blktrace.

