



SC2003 Phoenix, The University of Tokyo booth

# Data Reservoir System on Comet TCP



## Our Objective

Realize High Performance DR on a Long Distance Network

Increase iSCSI (TCP/IP) performance is the problem

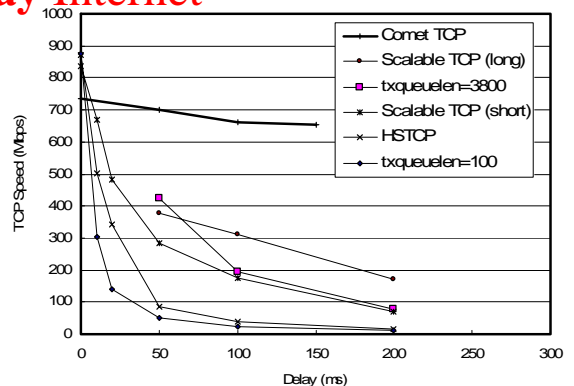
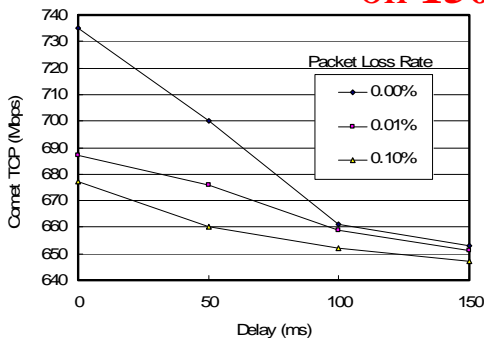
## Solution by "Comet TCP"

Assume to use on QoS controlled Internet

NIC hardware manages Reliable, High speed communication on a given bandwidth

No modification of operating system TCP stack

Comet TCP realizes **over 600Mbps TCP/IP Throughput**  
on **150ms delay Internet**



## Comet i-NIC-x2 supports it!

- PCI 64bit/66MHz NIC
- Two 1000Base-T interfaces
- Comet Network Processor manages packet processing
- On board CPU manages ack-control, retransmission



Contact: Fujitsu Laboratories LTD.  
<http://www.comet-can.jp>, Email: support@comet-can.jp