

Latency + Bandwidth = Network

- Sort of
- Latency more important characterization
 - harder to overcome inherent problems
- It is all about congestion
- It is impacted by willingness to overprovision
- Switching complexity major issue

Ethernet vs. InfiniBand

- Right question - wrong solution
- Is there a place for RAN (Room Area Networking)
- Is Ethernet the local interconnect of choice?
- Probably most significant issue
 - Access to memory controller

PCI - PCI-X - PCIe - HyperTransport ?

- What About RapidIO?
- Planar vs. Backplane / Chassis Interconnect
- PCI Express clear winner in planar space
- HT will become cHT
- PCI-X - point solution
- What about backplane?

InfiniBand

- Intel - GONE
- MicroSoft - GONE
- IBM MicroElectronics - GONE
- Mellanox - Soldiers On (joined PCIe)

New Features?

- Memory controller
- Legacy compatibility