Review of Lecture #2

Dr. Yingwu Zhu

Performance vs. Delay

- Bandwidth
- Delay
  - Transmission
  - Propagation
  - Nodal processing
  - Queuing
- Bandwidth X Delay product

Protocol & Protocol Layers

- What is a protocol?

- The Internet protocol stack? Which layers are implemented on network edge and network core?

- How is a message moved through the net from perspectives of protocol layers?

Socket Programming

- What is a socket?
- Blocking & non-blocking APIs
- Client/server programming
- Byte orders