

Exam #1

Topics to cover:

[1] Introduction & application layer

- Internet
- Protocol and protocol stack
- Performance, Delay, bandwidth X delay
- DNS
- Web caching and HTTP
- CDN
- SMTP

[2] Transport layer

- TCP & UDP fundamentals
- Reliable data transfer protocol 1.0-3.0
- Pipelined protocols (Go-back-N and Selective Repeat)
- NO TCP details (flow control & congestion control)

Question types:

- Short answers
- Have been discussed in class!