

Homework 1

Assigned: Sept. 2, 2008

Due: Sept. 9, 2008

1. Read the paper *Design Philosophy of the DARPA Internet Protocol*, and explain what the “fate-sharing” approach to reliability is.
2. Give a specific example of system design and use end-to-end arguments to explain the rationale.
3. How “wide” is a bit on a 1 Gbps link, assuming the speed of propagation is $2.3 * 10^8$ m/s?
4. Peterson & Davie, Chapter 1, question 18
5. Peterson & Davie, Chapter 1, question 22