

12 Principles of Communications (JAC)

Suppose that you read about the design of an end-to-end transport protocol for an early version of the Internet, which uses window-based flow control with a fixed size window, with *Go-Back-N* retransmission of all un-acknowledged packets when there is a time-out awaiting an acknowledgement for any given data packet.

How would you convince the designer that they are going to have real problems with such a simplistic scheme? [20 marks]