

Distributed systems

Distributed Systems – Assignment 2



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1. (a) Outline a scheme to solve the problem of dropped messages in IP multicast. Use message retransmissions. You should assume that (1) there may be multiple senders, (2) only a small fraction of messages are dropped, (3) recipients may not necessarily send a message within any particular time limit, (4) messages not dropped arrive in sender order. [5]

(b) Does your solution in part (a) differ from the definition of reliable multicast? If so, explain how. [5]