

Why Piggybacking?

Communications are mostly full - duplex in nature, i.e. data transmission occurs in both directions. A method to achieve full - duplex communication is to consider both the communication as a pair of simplex communication. Each link comprises a forward channel for sending data and a reverse channel for sending acknowledgments. However, in the above arrangement, traffic load doubles for each data unit that is transmitted. Half of all data transmission comprise of transmission of acknowledgments.