





In the fig, STB is transmitting to STA. STC has some data to send to STD, which can be sent without interfrieng with the transmission from B to A. However, C is exposed to trum from B; it hears what B is sending and refrains from sending. In other words, C is too conservative & waster the capacity of the channel.

Solutions

The handshaking messages RTS & CTS cannot help in this case STC overhears the RTS from STB, but does not bear the CTS from STA.

ore synchronized and packet sizes and data rates are the same for both the transmitting nodes. When a nade hears an ext from a neighboring node, but not the corresp. crs, that node can deduce that it is an exposed node & is permitted to transmit to other neighboring nodes.