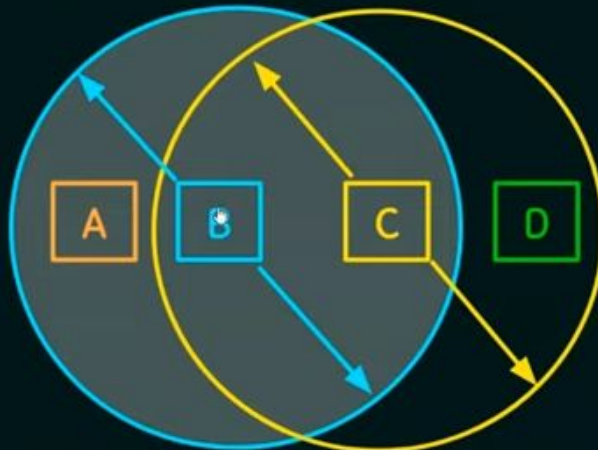


01:47

EXPOSED TERMINAL PROBLEM



Suppose B is sending to A. Node C is aware of this communication because it hears B's transmission.

- ★ It would be a mistake for C to conclude that it cannot transmit to anyone just because it can hear B's transmission.
- ★ Suppose C wants to transmit to node D.
- ★ This is not a problem since C's transmission to D will not interfere with A's ability to receive from B.

03:11

EXPOSED TERMINAL PROBLEM – SOLUTION

Multiple Access Collision Avoidance (MACA) Algorithm – RTS and CTS



Subtype:

- ★ It is a four – bit subfield states whether the field is a Request to Send (RTS) or a Clear to Send (CTS) control frame. For a regular data frame, the value is set to 0000.