Sprint 2 Deliverbles arestons

0xBEFF(AFF= 10/1 1/10/11/11/100/010/11/11/10 row parties party of column 13 extra birs Link layer Protocols Explain briefly how Efferet manager access to link to ensure trusmission's don't intofere. Since Etheret is CMSA/CD, it is able to detect collisions and manage multiciass use. Each sender is as le to determine when a collown 32 bit jumning sequence tond stop transmission. Then, an adoptor will want some time and try transmitting the data again. After each afterpt to sond the data, the time wanting for the links to be ide

Loubles according to the concept it exponential backgott.

Busically, the wax waiting true will double but euch wait five is a multiple of 51,2 MS. The adoptor may try this technique for up to 16 times and IF he link is still not rate, it will send an ever to the host. Describe at least 2 factors that make collision avoidance more challeging in 802.11 Then M Esperet. Now is avoidence implemented. 1. Nudes using wheless links cont vecere every other node's transmissions. Barically, A There may be obstacles in the way or whole node of interest wight be two for away. This is

also related to the problem of hidder redes

still anny mto collisions it trepsend to a ride present in both runger.

2. Nodes cannot transmit and receive packets at the save time. The pover generaled by a fransmissions and overlet the circuit muched with recoiving.

Sprint Ocertions How I avoidence implemented? Wer data it sent, a sender will first creek to her any offer frestmissions Hovever, seen IF thre we no over sprake, the hidder node problem an Atti occur so the sender will send out an 1275 Signal if it reader to destrope read , and Sulcessfully, then the destruction rule sends a clear to Send signal. The CT will likely justify any hidden roder to not It two RTS agrals colled, ten te to rudes would need to wait before trying to send on 1275 again and this follows The rule of experient backer live Eturnet. Also successfully exchange the packet and expect on ACK M response.

MAL Adorsses Synificere of MAC addresses. Hows a A MAC address is a varyve identifier for every Exercet nort that is 48 675 in leight and harved into poor. MAC Addresses we needed for presently data over a wree the to a speak host. A host's adapter will receive every frame traveling on the link but will only accept the frames if they contain the hosts address as a part of the Destination address section of the frame. Exercet link and is thus necessary for Inko that contain many hosts Sending duty onto the links MAC Addresses are assgred by the Elevet device menufactures. Each mentaction has its own protex sequere of bits pat it car use for all of the placed at the beginning of an adaptor's address. The vest of the address is presed by the monstretver.