

Classmate

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In Ethunet thur is no concept of busouby but in token Hing there is and priority concept.

O to 7 tak brionity field ki value ho

0 represent lower priority
1 - represent higher priority

· Priority bit shows priority of data the current frame hold, Again current frame briority 5 ka data hold kan raha har toh friority Ki value 5 hogi.

· Data Ki furanity kon durch kanta hare? Ans. System itself delich the purously of datas

Suppose A is Sender aux A he aspectation Ki friority Kilane kon Mathi hai 5, A see frame B k fors gayi, B k fors data hai weth transmit kaune to risk fors data hai weth friority quality than or equal to awrent friority table B reservation bit to Set Korzakla hai, otherwise reservation bit mino Kohi Change nahi hogo but to while Starration occur, jaha friority ka copept daya, waha algorithm Starration & Selfen hoti hai.



Monitor bit :-

→ Size of Monitor but is I but.

Sinder is rusponsible for removing the frame from the token rung.

Aaise fyame jiska sender crash hogaya ho after: beansmission such frame are known as orghan frame.

Joken rung mun joh bhi problem aayegry usbo rusoke kanne ki responsibility ek Special system ki hoti hai that system is known as Monitor.

Monitor is rusponsible for removing orphanificame from the ring.

Our: Kya monitor kohi Server hoter hai kya??

Ans: Nahi , kohi bhi System joh Hing mirrs

Brusent hai woh monitor ban gakta hai

bunurally work joh tung mun sabse shale aata hai , attach hota hai woh monitor bit kahalata hai.

Monitor bit ki hulp se hum fata kanta hai ki given frame orfhan fram hai ki Mahi. Suppose A ne frame Send ki loh A ne aafne frame ki monitor bit O Karke. Send Ki ; Suffose C is monitor, monitor kya karega, woh expect karta hai ke incoming frame ki monitor bit Should be o aure monitor bit usko one set kar dega.

# Case I: - When Sendur Crash hogaya

Suppose A ne frame send ki awi crash

A Bystim he joh frame Send ki hai uske monitor bit ko o Karke Send Karuga.

CK fass aaya usne monitor bit ko one set kanke send kanega.

Since sender toh orash hogays lot frame ko Hing se bahar inkalene kis responsibility monitor kis hogis.

Since C is the monitor to frame again bearinse hoke CK pass aayegy rene debha monitor but toh one has toh monitor ex control frame syenwate generale kanga use pata Chalega Ki Sender has ki nahi.

Agan sinder har aure monitore bit one har toh monitore samajayega kir courubleon & tourant monitore bit I have har both usse orthan but kir land but har har kanga. Now sender



Such mun crash hogaya toh second time frame traverse ho k monitor to pass aayi toh monitor use original frame ki touch treat karega, monitor us frame to yaha se hatayega means ring se hatayega.

- # Case 2: Jab Monitor Crash hogaya.
  - « Suppose A is sender it sets monitor bit to 0 there frame wafas A k fass aagay: rung me traverse hoke.
    - Now A also check for monitor bit if monitor bit is 0 than it generate a control frame which check whether monitor bit exist a not if monitor bit class not exist then A configure itself as a monitor.
- # Case 3: > Both Sender & monitor crash hogaya
  - -> Suppose A is sender usne monitor bit to O

    Sit ki , aux monitor hi crash hogaya filus

    sinder bhi crash hogaya after transmission

    Now A Se joh frame send ki usko kon

    Ming se bahar karega ???
- Ans. Joken ring mien han System are aware of how many system are there in the tokens thing.
  - · Han System Kuch na Kuch calculation Kanta Randa

hai ki agan A k fass token abhi hai toh next time A k fass token kab aayega.

Ifan System timur set kanke Mahaba hai ,
Jiska timur sabse fabah set hua hai woho ek control frame generate Karle hai lo Check whether Monitor bet is exist or not agan karla hai toh Megenerate the frame aux agan nahi toh Megenerate the frame aux agan nahi toh woh us frame to bahar hikalega ming se aux woh khud ko Monitor bana lega.

# Token bit: >

When token bit is equal to I look token how awn again token but 0 hair tok control frame on data from how.

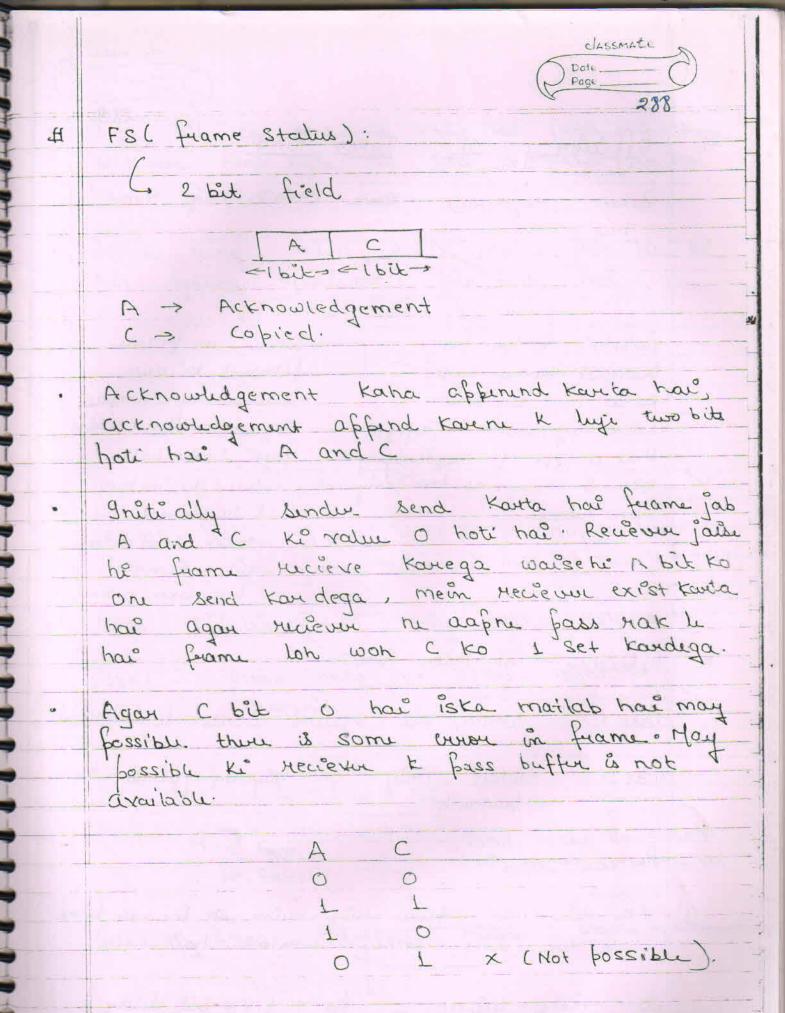
Joken is also a frame with 3 bytes.

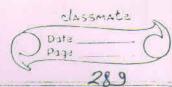
bytas | SO AC ED ]

# FC (Frame Control) :>

Different value of FC represent different

FC= 0 → Data frame FC=0 → Control frame.





Efficiency of Token Ring Joken regenerate Koure K two ways hote how Jou'sehi Sendur frame Sendur ne frame transmit Karna band transmit ki auro Karba hou wou'se hi beautise hox wafas token rugerunali hojayega aggayi sendur Kwafay that concept of regenerating thin sinder will token is known as take early Miliase the token Token rulease 8 He generate the token that concept is known as late-token release # Efficiency of Token Ring: -Case I: When all system wants to transmit Case II: When only one system wants to transmit: Kuch termology:il EK bit ko fure ring mein de travoise tanne wala time Ring latency techalata hai.

So ling latincy = tp + (Nx bit dulay)

