· Refers to the technique used to control or Prevent conjection.

· Broadly classified into Two categories

(1) OPEN LOOP CONGESTION CONTROL

" Applied to Prevent conjection before it happens.

Policies adapted by open loop congection control

- 1. Retransmission Policy 24 The Sender feels that a Sent Packet is last or corrupted, The Packet needs to be retransmitted.

 To Prevent congestion, retransmission timetis must be designed to Prevent it.
- also effect the congestion.

 . We must use selective repeat window as it sinds the specific Packet that may have been last rather than Go-Back N
- 3. Discarding Palicy must be adapted by the vauter's to Prevent conjection by Partially discarding the corrupted or less sensitive Package to maintain the Quality.

Eg -mandro file transmission, rauter con discord less sensitive la cluts to Brevent congestion 4 maintain quality of audio file

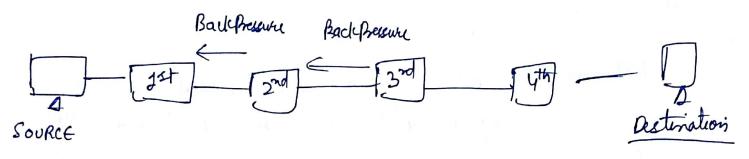
(4) Acknowledgement Paleing - Since acknowledgement is also part of local vis the m/w. The receiver should send acknowledge for N Packets rather than Sending for a Single Packet.

CLOSED LOOP CON RESTION CONTROL

used to treat or alleriate congestion after it happens

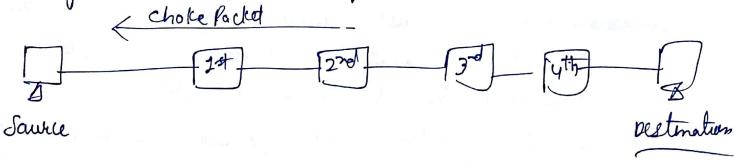
1) Back Bressule - Technique in which congested node stops receiving Packet from expetitions node.

· It is a node-to-node congection control technique that hopogates in the appasite direction of data flaw



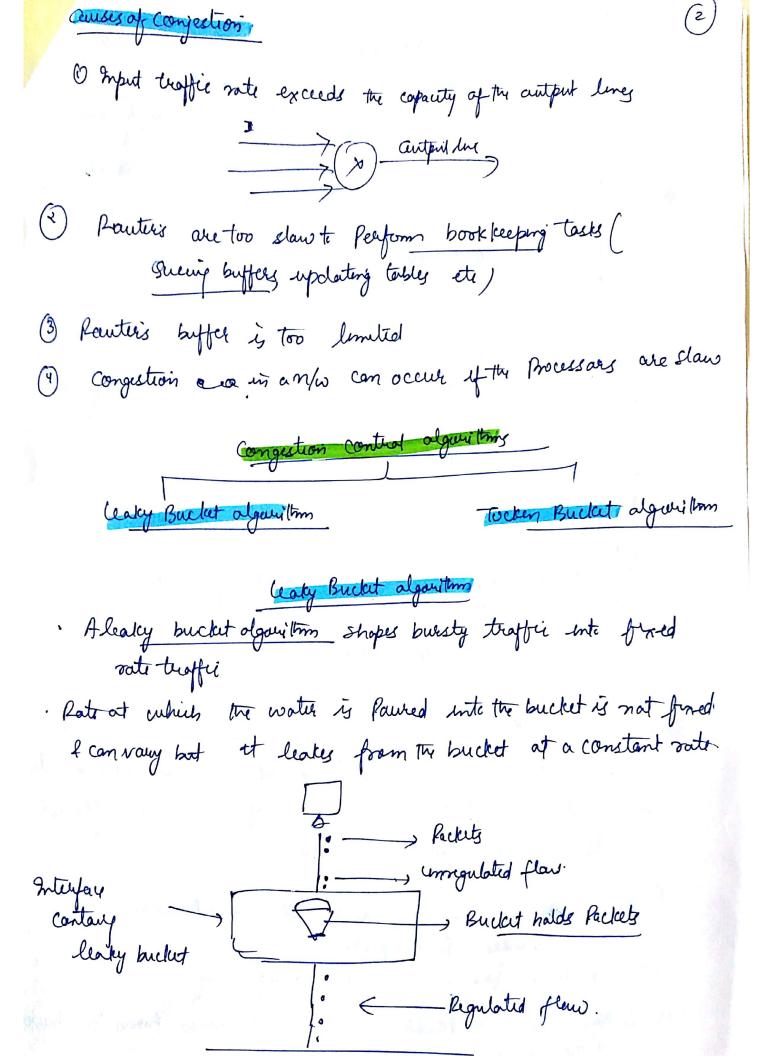
D' Choke Packet technique. A Choke Packet is a Packet send by anode to the sawer to inform it of congestion:

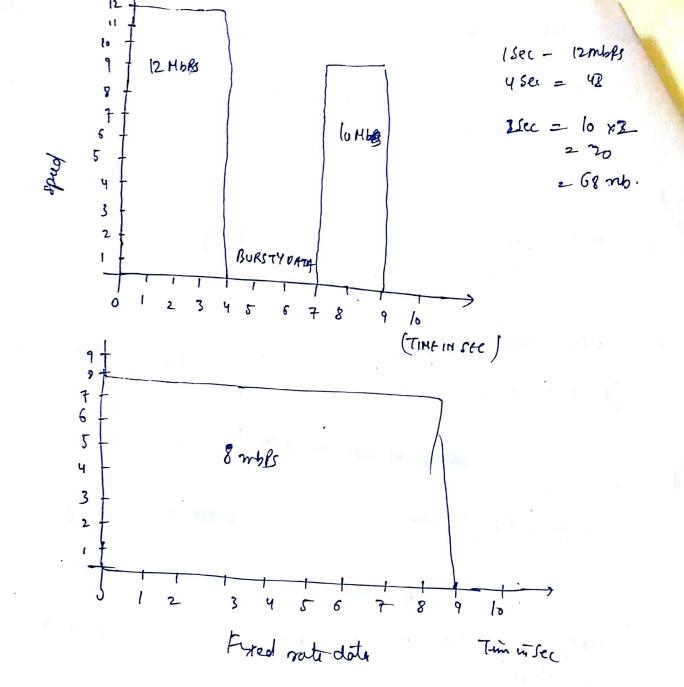
· Each router monitoris it resources of utilization, when resource utilization exceeds the threshold value but by the administrator, the router directly sends a choke facked to the saurce group it a feedback to reduce the traffici



3 Implent Lignalling

The sauce guesses that there is congestion in any because it does not receive any acknowledgement.





(2) Token Bucket algori hms?

In leasy bucket alganishm, it cannot deal with bursty data. So in ander to deal with the bursty traffic, we need a flexible algo so that data is not last

Steps - On regular intervals, tolers one thrown into the bulket of of capacity of

The bucket has a maximum capacity of

(3) 94 there is a scady Racket, a token is semoved from the bucket

(4) If There is no token in the bucket, the Packet connect be (

