91.  $180.110-10.50 \rightarrow 200.18.30.22$ 

a. Destination address in case of indirect porting will be the mobile node's permanent address. It will be 180.110.10.50. Source address wilbe nobile node's permanent address; (80-110.00-50)

b. In COSE of direct routing,

dost address of a data promet well be

robite rode's COA as the correspondent

voil Contact with home gent and gets

in COA. - 200.18-30.72.

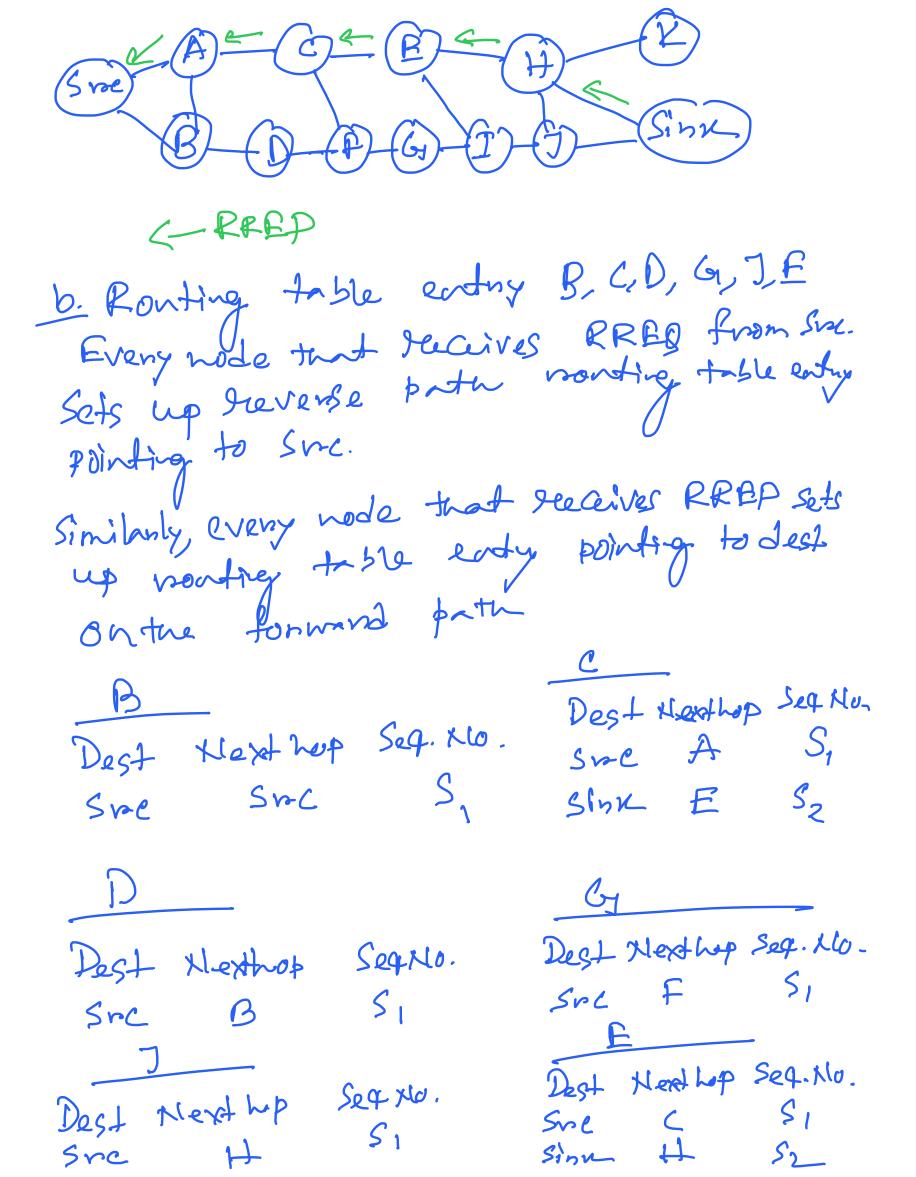
The Source address will also Se 200.18-30-22

Correspondent rode's network, Litect vontings is more efficient. In case of indiseat, the precess will go to home agent then again to home precess will prove to three extra correspondents network, will have to three extra correspondents network, will have efficient.

d. firewall stups amp braces s whose sounced dest address does not belong to coroses pondents network.

Heiteen Liseed voording / in Literat wording voill de impacted by this. As, for indiscol, the process will go to home network fromthat home agent sends to toreign ægent neith COA address only. Then mobile node sends Liscetly to conversion dead with PA but Since ten's is intermed not incoming / going Asecual) wont cause a froblem. For Litet northy, the proceets from Linetly between conn. I mobile in the Same network So no problem is causéd.

Soe A A C C PE THE SINK SINK



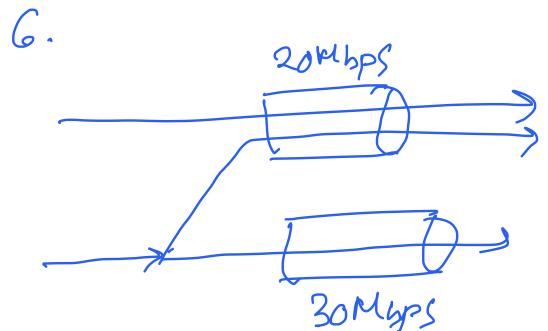
Assuming SI Segure. Generated by Sink. Riote that a node who was not in RREP Path, will not have entry for Sink. Similarly ande , secrives RRED from which wer pata earliest will part Routing table entry accordigity. d. Best voonte Snc-A-C-E-H-Sinn 8'3. Svc - 2 A -> 2 C -> 3 EA 4 4-) 2 Sink of 1 d's to does not intenferre with suc 75

Thus, effic tive data unte = 2 TimeSlot 2 Jime Slot, A -> c (chi) SELT ACChi) E -> 11 (Chz) C - F (Ch2) H - Sink (Chi) Thus, effective data made= ? In the PIP Protocol the Feardown message is sent by the Sounce only not by the When the SNC Cetermines that all proceeds have been acknowledged, sends a Teandown message. After forwarding Jeandown vides Switch from SMC to vil mode. It Snc. Jends the Tembers message and even if the link bétween two wedes is cook losspeven tuen tregre is no inconsistence setwern Suc & Sink, or Suc sends Tennatown only when Et knows all proceeds have been decrived Successfully.

5. We can't use data sequence numbers os it is because two issues

1) Bink the latency Characteristics on two linus would be Litterent, there will be such there will

Ench path will continuous heles in the Sequence numbers, this will upset some middle boxes & tay would allow Such proceeds to flow.



a. Mptep + Box tep Congres tion Gontral.
with Enter each link well be shalled evenly between subflows that use it

Thus, on the 20Mbps path Augulan tip would get - lomps

one substow gets - 10Mbps The other Subflow is not should with anyone, hence gets = 30Mbps Thus, stegalins tep gets - loubps MPTEP gets - 10+30 = 40Mbps b. For Coupled Congestion control, it is fairs to Jugalan tet & whilizes paths efficiently ter put more transfer on less congested faths. Thus, it will whilite BoMbps link tully & push more tradfic tude & very less traffic on fere 20Mbps link. Thus, legular tep gets 20Mbps MPTCP gets ~ 30M5PI

97.68C.

Sample Rate Stants with 59 Samples 10th put of 48 askossless 7x moves to 48 as any with 48 < 54 at 48 Samples at 36854 as 36 loss less 7x < Connect vg. moses to 36 as any with 366 48 10th preced it samples at 24, 48,59 24 as lossless Px it does not more to 24 as its avg > 36's avg. Clanner avg. So, SampleRade Stays at 36 & Keeps Sampling rt 24,48854.

Sample Para ->

54 )
Samples with put at 48 b lossless IXC
Connectary
moves to 46 as any attack any of 54

at 46 ) does not sample at 36 as Lift > throughold

So, Sample Yaka veill Stayant 48 & will keep Samplergat 54 b. SampleRade 54 -> 48 lossless Larg. moves to 48 as any 6 59's any at 48 Samples at 54,36 moves to 36 as ang 5 48's ang does not sample at 24 as lossless > Comment So, Sample Rade will stay at 360 Keeps sampling at 98,59. Sample Yara Stays at 36 & Keeps 5 ampling at 48,59