and disadvantages?

Snooping TOP

Data Transfer with destination as mobile Host:

The Horizon agent buffers all packets with destination mobile host and additionally

'smaps' the packet. Flow in both direction to reagaize

acknowledgements.

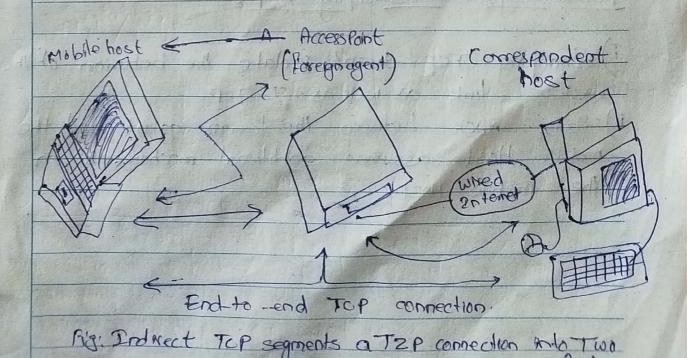
The reason for buffering packets towards the mobile node is to enable the foreign agent to perform a local retraismission in case of packet loss on the

whiless link,

-> The foreign agent buffors the packet until it receives

an acknowledgement.

-> It can also be able to relientify and filter the duplicate acknowledgements to avoid unnecessary retrainsmission of data.



-> Prom the figure the standard TOP is used between Fixed computer and the acress point (APS). 72 noted of mobile host, now AP terminates the connection which ack as a proxy. Data transfer WITh dostination as correspondent Host: The data transfer from mobile Host works as follows -> The foreign agent snoops goto the packet stream to detect gaps on the sequence numbers of TOP -2 As soon as the foreign egent detects a missing packet, it returns NACK (Negative ACK) to mobile bost--> There by, the mobile host can now retransmit the missing packet immediately and recordering packets. Advantages of snooping TCP: 1) The end-to-end Top semantic is preserved. in The correspondent host. doesn't need to be changed i.e. most of the "enhancements are so the foreign agent. Disadrantages of snooping Tops-Snooping Top doesn't isolate the behaviour of the wreless link as well as T-TCP. NACK between the foreign agent and the mobile Host assumes additional mechanisms on the mobile Host.

I vai chandu

Compare Several enhancements to TCP for mobility?

THE HEALT	1-1-1	ide of the	A THE STATE OF THE
Overriew of c	basical enhance	ement to TCF	for mobility:
Approach	- Mechanism	Advantages	Disadvantages.
	slipts atop connec	V	Loss of TCP semantics
	-tion into two come		higher latercy, at
	-ctions.		hondover, less security.
			Insufficient isolation
	eknowledgements;		security problems.
	ocal retransmission		
	splits Top comec		
			processing everbead
	via window size	hardles long term	due to bandwidth
		a Proguest discount	management
	Avoids slow-start		
	after rooming		
	Freezes Top state		
time-out booking	at disconnection	content, works	required MAC
La HE WILL	resumes after		
YE 1204 21 304	reconnection	CONTRACTOR OF THE PERSON AND THE PER	
Selective	Retsonsmits only	Year efficient	
retonsmission	lost data . h.h	TOTAL STATE OF THE PARTY OF THE	complexe stu, more
Nansaction	combines considio		You'lles spore preded.
oriented TCP	setup release and	★ 本本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日	required, not
	data transmission	The state of the s	transported security
200		1	Problems.
mail or total token	1		

3 Explain mobile TCP? How a Supervisence host so TOP packet to mobile mode and to Faced TOP applied the southed the south of the Mobile Tepe & miller many of the elph of the finder -> M-TOP splits the TOP connection into parts as J-TEP does. Manie, -2 An unmodified TCP's used between the standard host and supervisory host (SH) connection, while an optimized TCP is used on the supervisory. host (SH) and mobile host (MH) The SH is responsible for earlying data between both parts similar to the proxy in I-TCP. optimized SH u un modified TCP Mobile HOST Standard Host + The SH monitors all parkets sent to the MH and acks returned from the MH. It a packet is last It has to be retransmitted by the original sender; hence, no buffering by SH FS nerded. + If the SH doesn't receive an Ack for some time, it assumes the MH is disconnected and forces the sender to go into persistant made by making the wordow size too. \* This state of the sorder will avoid the antinuous retransmission of data and it will continue till the 34 delects the connectivity again. + After the connection is found, the sender can antique sending at full speed. This mechanism doesn't prequire changes to the sender's TCP. \* The wreless side uses an adapted TCP Hod can recover from packet loss foruch faster

	A common in the second common to the second common
	communication is for long duration
this overhead	of Ps minimal.
* If it is for	sending one data packet it seems
to be bord	requires several packets
* Thus It reduce	es the pumber of packets down
to two speci	tead of seven
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