Computer networking II. COMM.NET.400
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Assignment 6: Other topics

   a) SCTP (QUIC uses a slightly similar method)

Chunk	Source Port	Destination Port	TSN	SI	SSN
1	5000	5001	1	0	1
2	5000	5001	2	1	1
3	5000	5001	3	0	2
4	5000	5001	4	1	2
5	5000	5001	5	1	3

*SI: 0 = S4
** SI: 1 = S2

   b) Mobile IP

      IPv4-in-IPv4

0	4	8	16	19	32
4	5	0		1200	
4800			0	0	
248		6		Value X	
193.200.4020					
160.200.98.20					
4	5	0		1200	
4800			0	0	
248		6		Value X	
193.200.4020					
160.200.98.20					
TCP segment + Application data					

Minimal encapsulation

Bits					
0	4	8	16	19	32
4	5	0	1200		
4800			0	0	
248	6		Value X		
193.200.4020					
160.200.98.20					
Protocol	S	reserved	Header checksum		
160.200.98.20					
Source adress (original sender: may not be present)					
TCP segment + Application data					

Foreign agent -> Mobile node

Bits					
0	4	8	16	19	32
4	5	0	1200		
4800			0	0	
248	6		Value X		
193.200.4020					
160.200.98.20					
TCP segment + Application data					