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			~	
Class A	7 24 0 Network Host		24 Host	
		14	16	
Class B	1 0	1 0 Network H		
		21		8
Class C	1 1 0	Network		Host
	. <u> </u>	27		
Class D	1 1 1 0 Multicast Group #			





























NAT Mechanics

- Host wants to access an external web service
 Sends request; From: 10.01; To: 200.58.47.01
- NAT transforms outgoing packets
 - Rewrite source address so reply comes back – From: 128.80.40.01, port 5736; To: 200.58.47.01
 - Return address is dynamically allocated on connection setup; torn down on connection termination
- NAT transforms incoming packets
 - Match incoming reply to internal host making request
 - Rewrite destination address so reply goes to host – From: 200.58.47.01; To: 10.01







