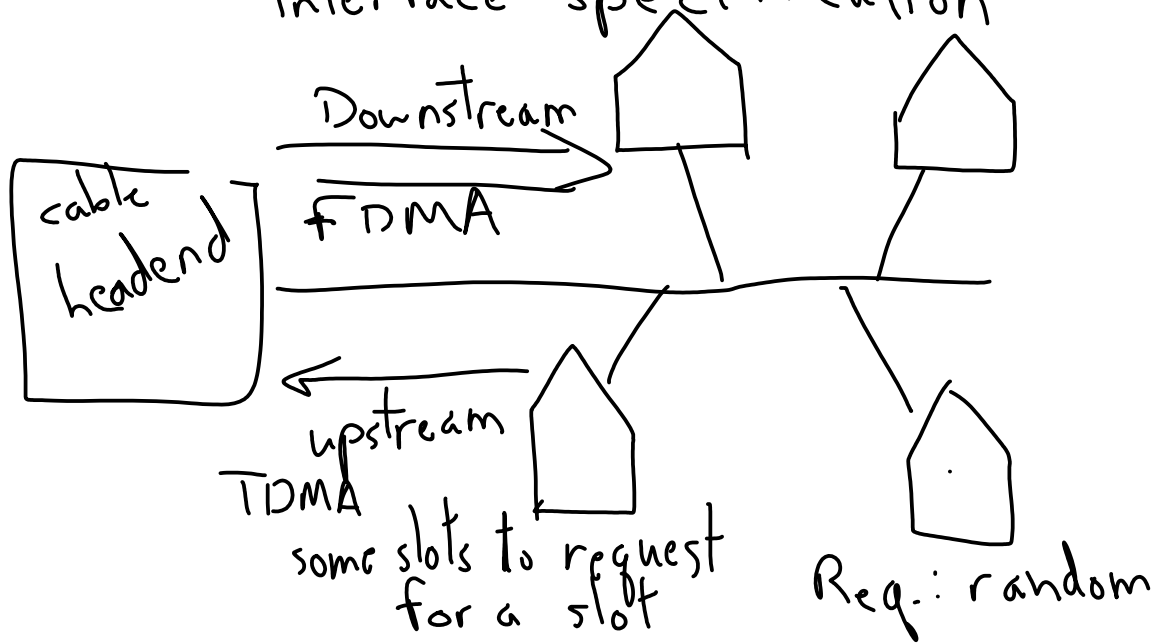


DOCSIS: data over cable service interface specification



MAC address

ether cc:96:e5:21:08:78

company's
block

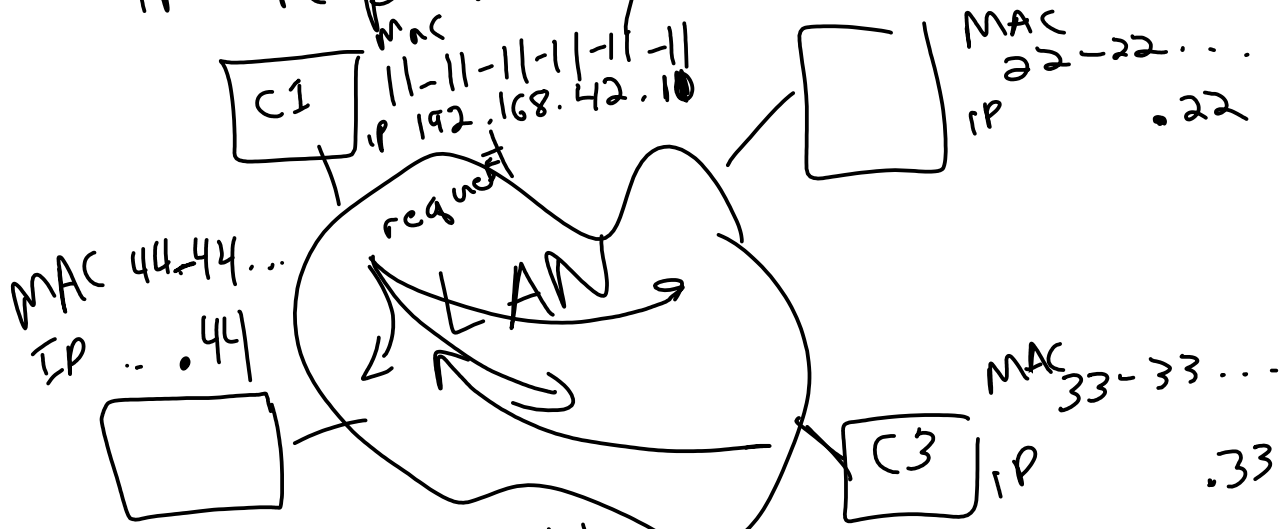
Domain
↓ DNS

IP
↓ ARP: address resolution
protocol
MAC

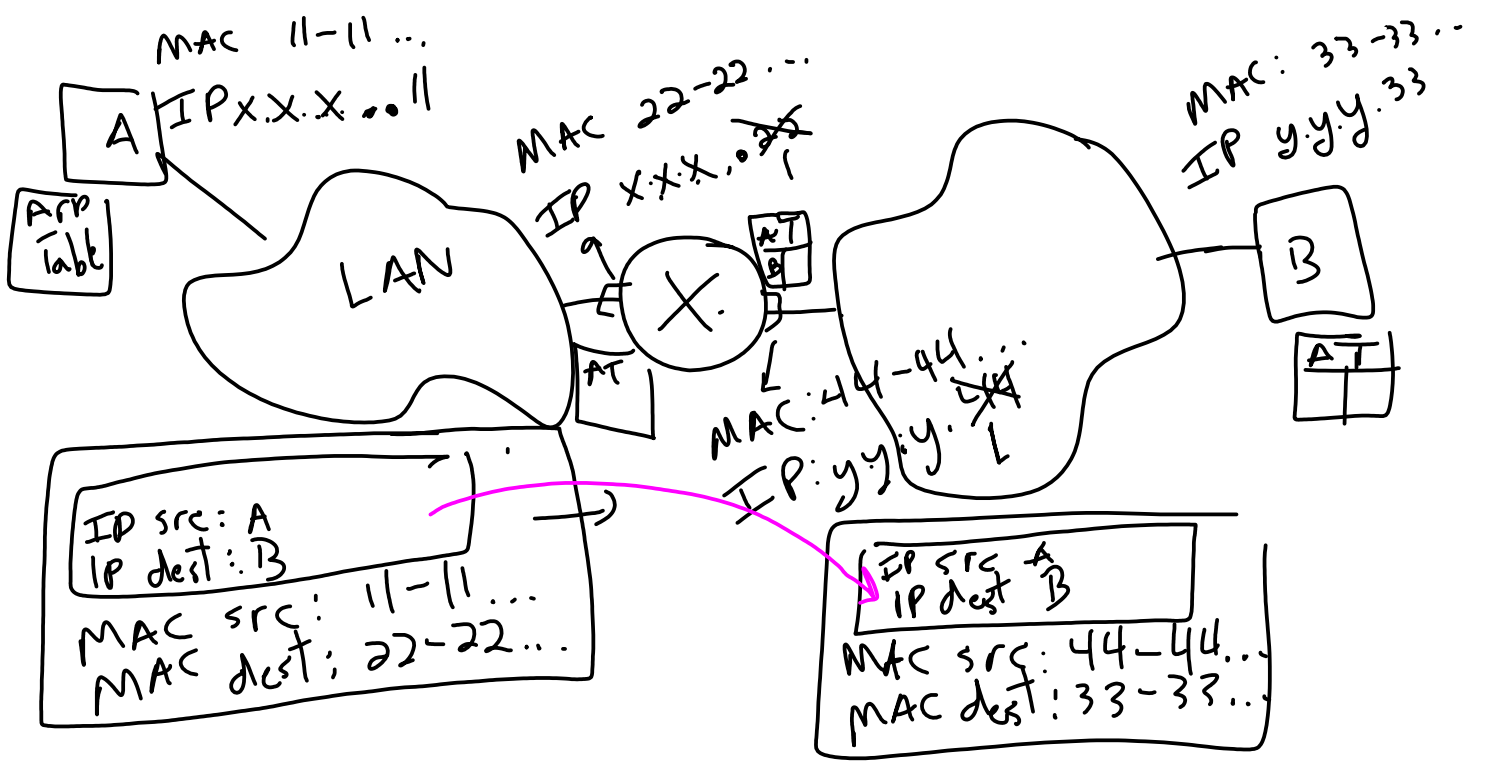
ARP

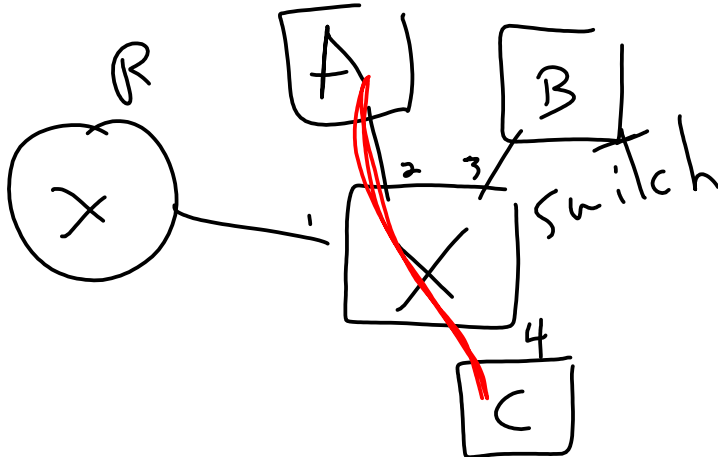
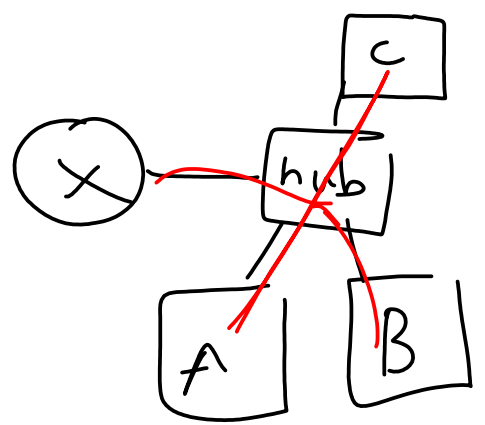
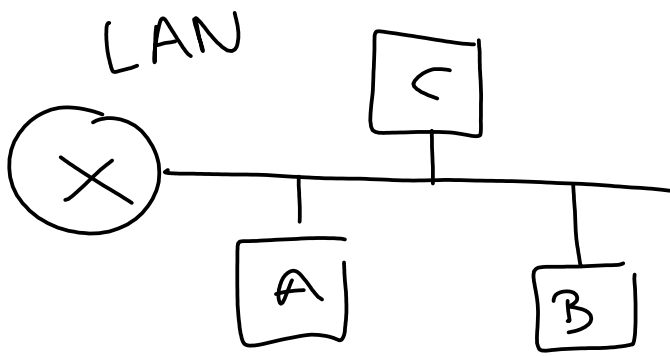
- Broadcast request for IP's MAC

- IP responds w/ MAC addr

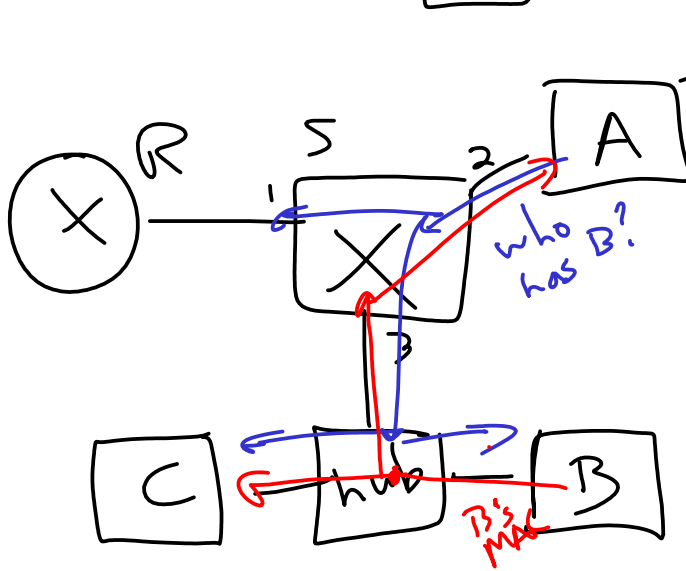


IP	MAC
----	-----





switch MAC	interface
A	2
B	3
C	4



ARP
B B's MAC

MAC	int
A	2
C	3
B	3