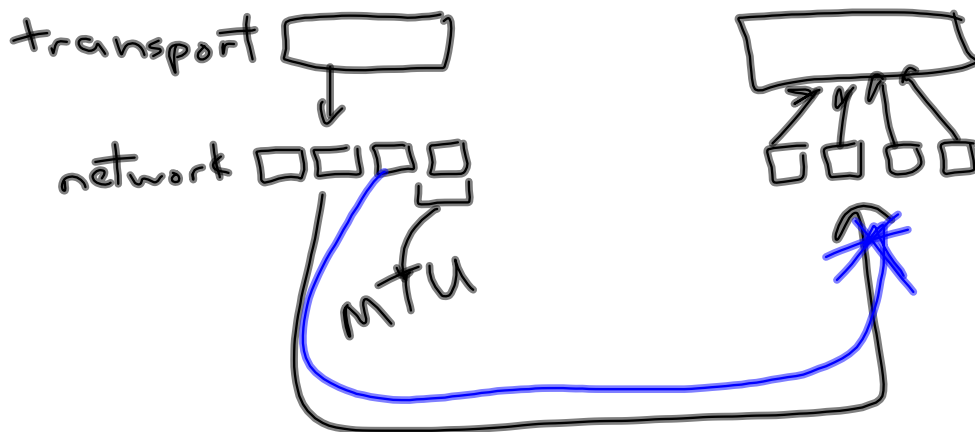


IP

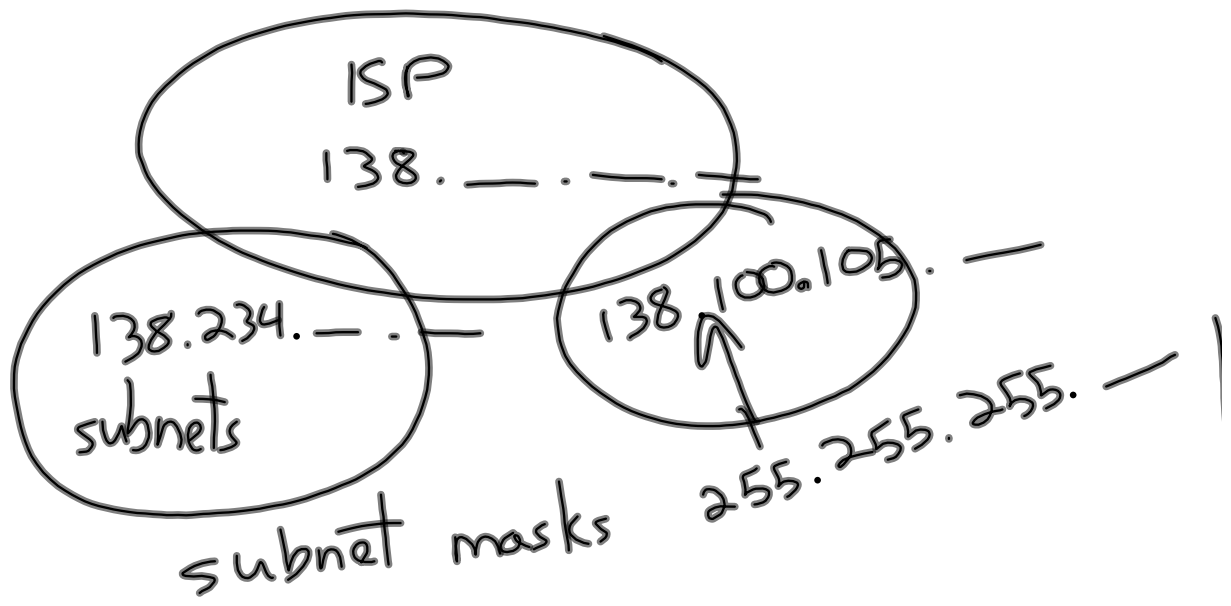
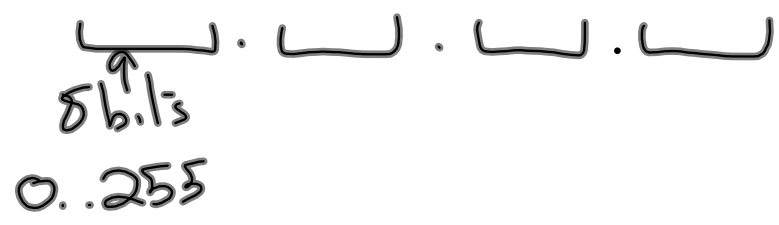
Datagram

- src/dest IP addr
- TTL - time to live
- fragment information



IP addresses

32 bit number



class A : 8 bit network
24 bit "host"

class B : 16 net
16 host

class C : 24 net
8 host

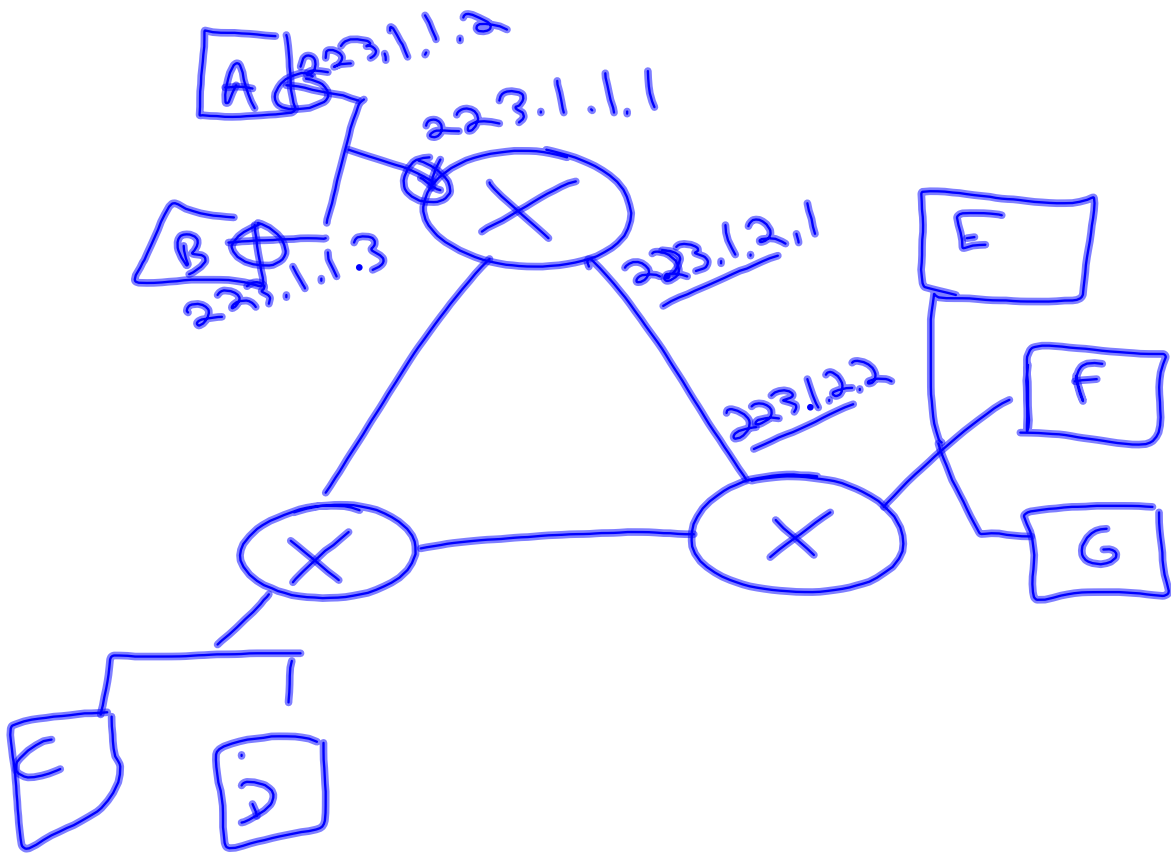
CIDR - classless interdomain
routing

200.33.4.0 / 22
└───┬───┘ └───┘
net host
↑
of bits
in net

255.255.255.255 - Broadcast

- every host on
subnet

10. — . — . — } non-routed
192. 168. — . — }



DHCP - dynamic host configuration protocol

