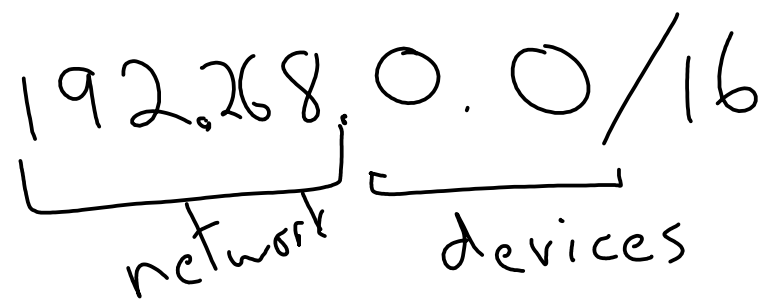


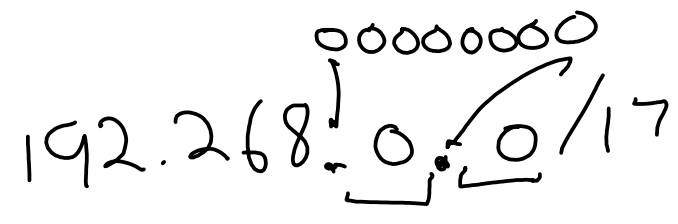
Subnets:

2^{16} devices

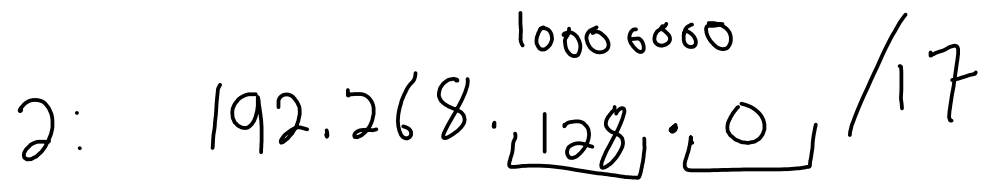


CIDR

subnets
1:



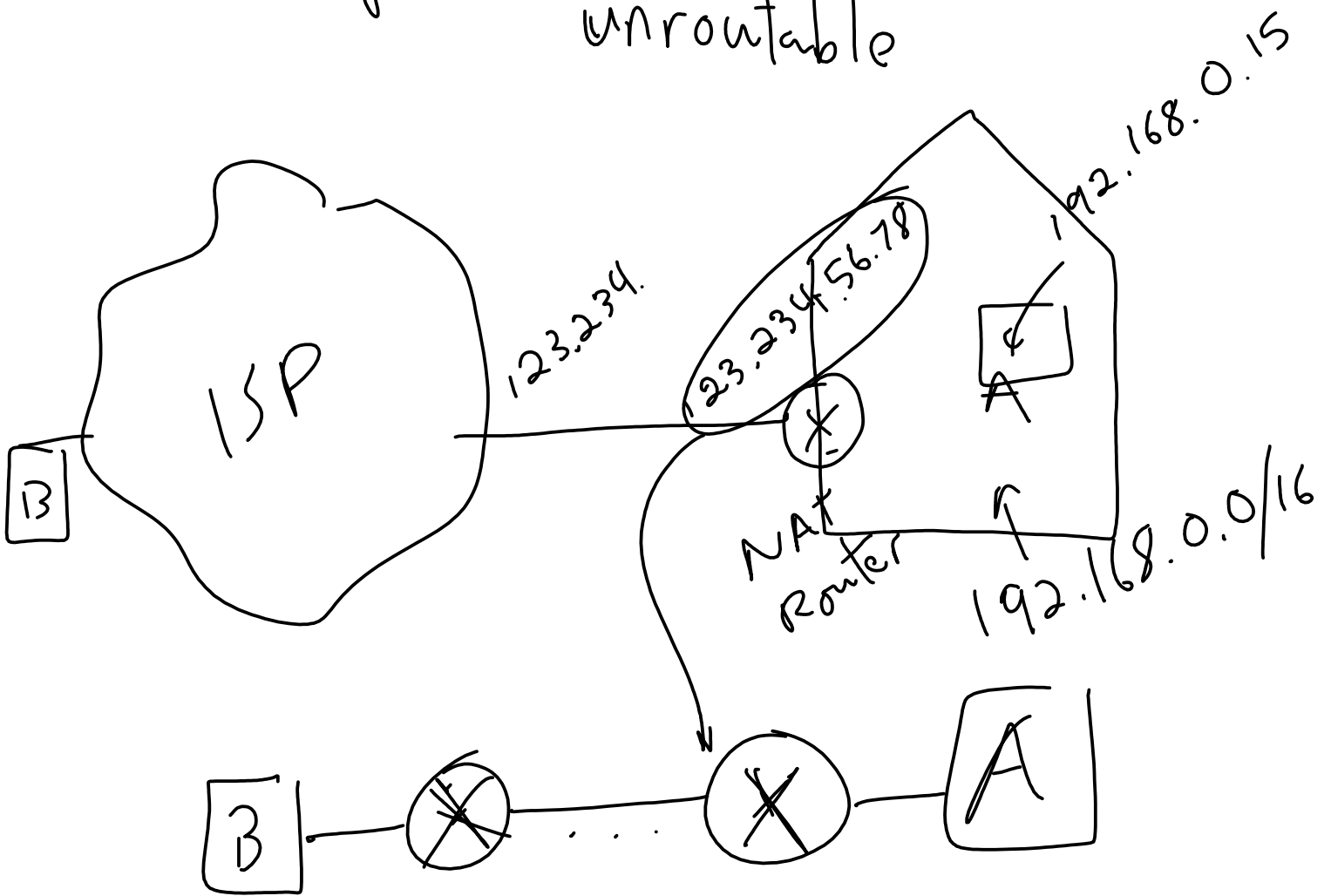
2^{15} devices

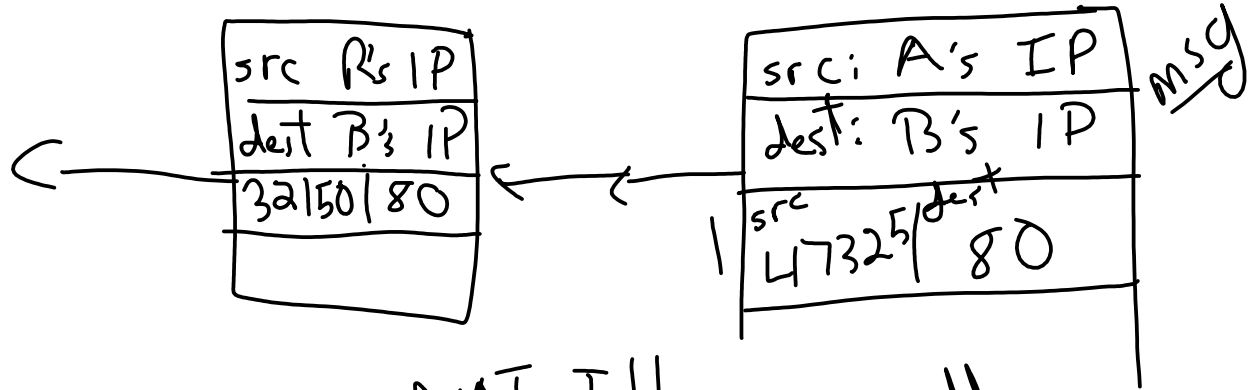
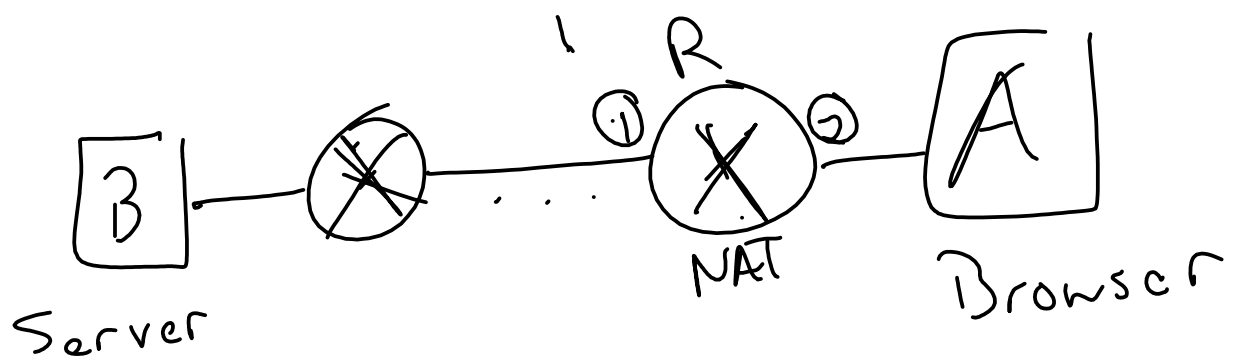


NAT: network address translation

[10.0.0.0/8, 172.16.0.0/12
192.168.0.0/16]

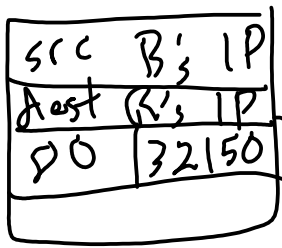
private addr. spaces
unroutable



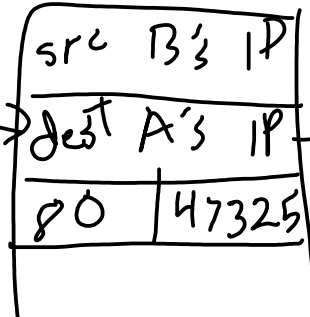


| NAT Table | | Lan addr | |
|-----------|-------|----------|-------|
| R's IP 0 | 32150 | A | 47325 |

reply



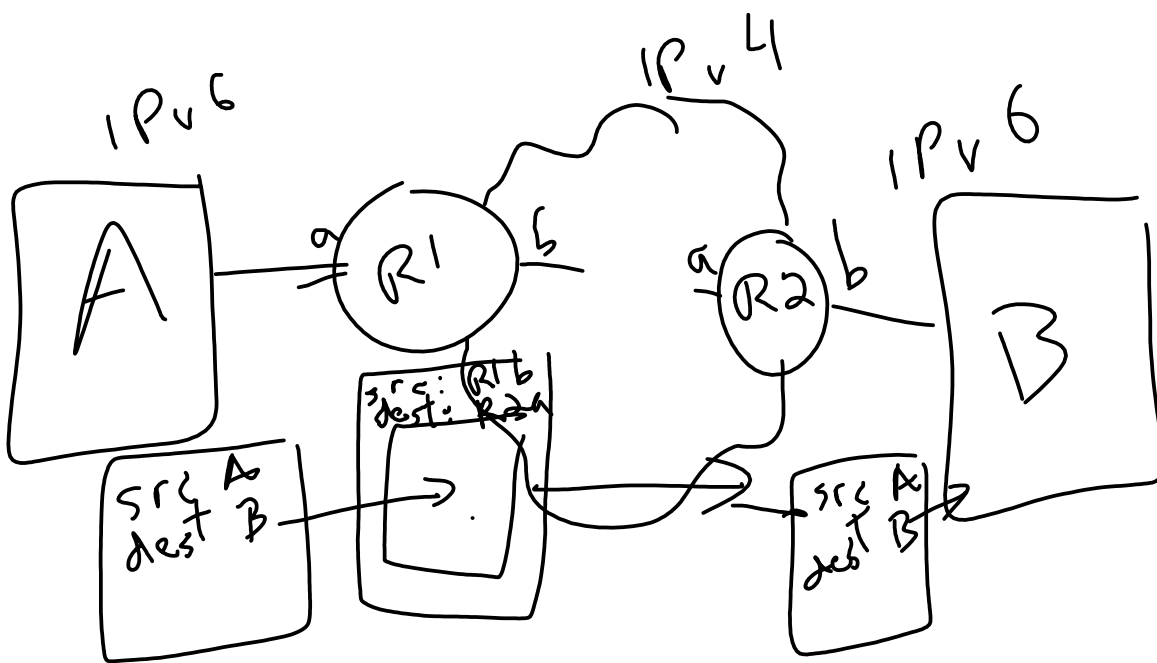
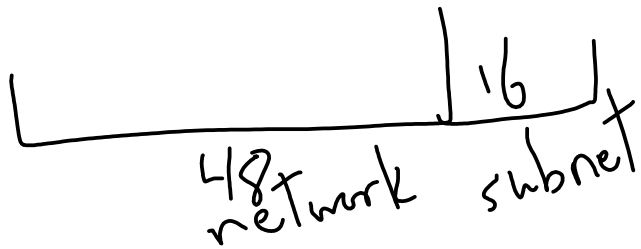
@R



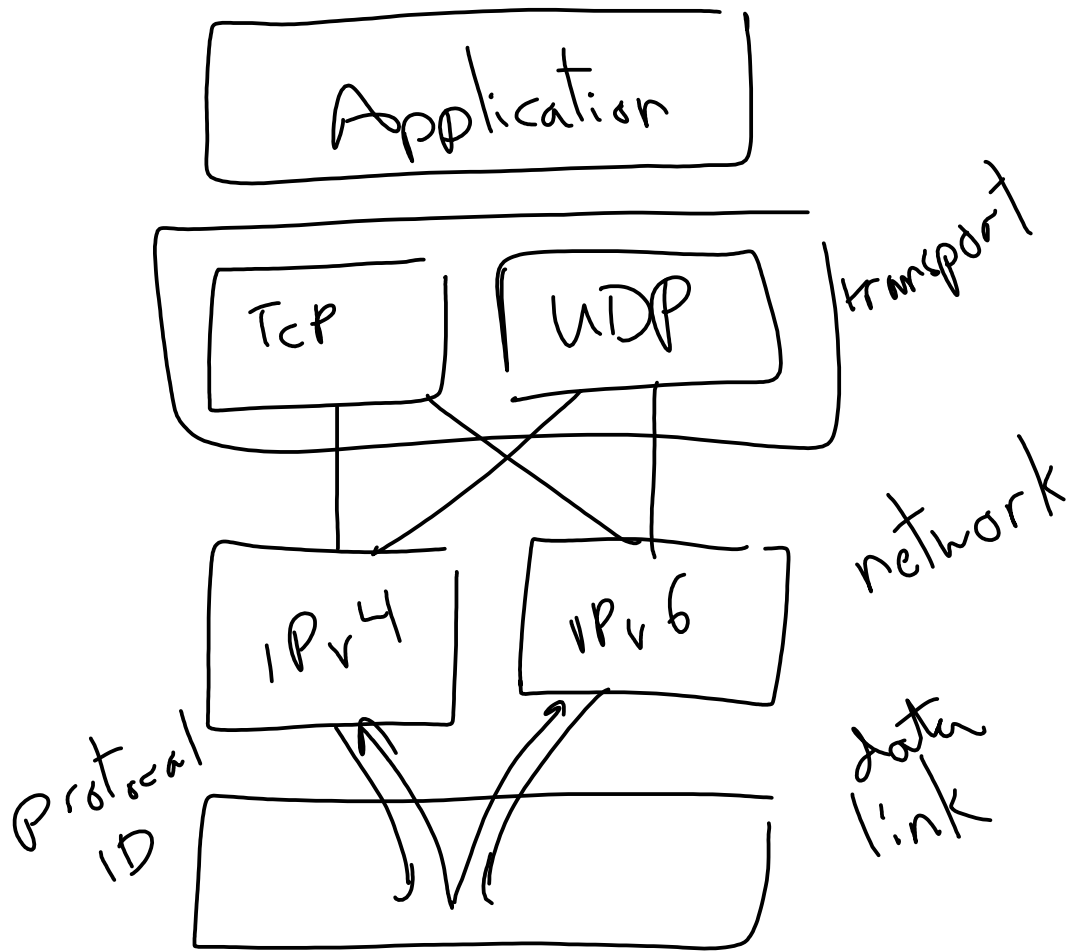
→ A

IPv6 - 128 bit addresses

8 groups of 16 bits



Dual Stack



Routing

