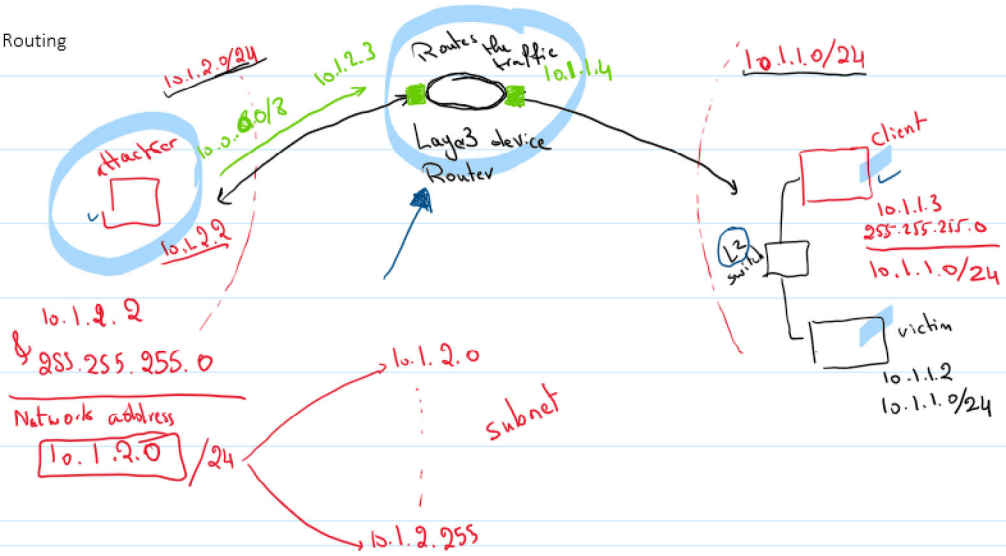
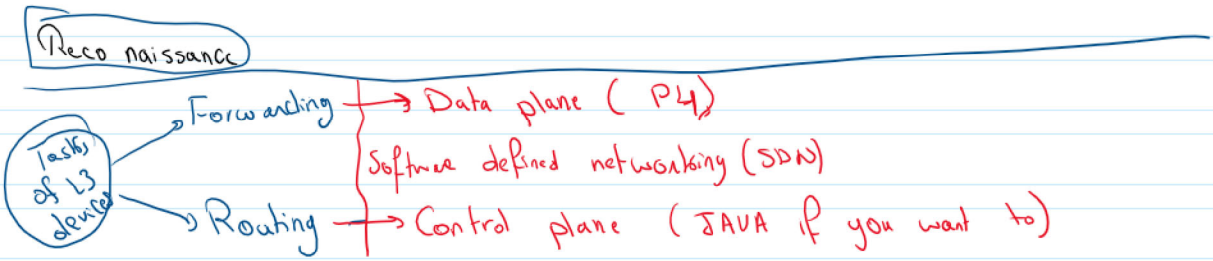
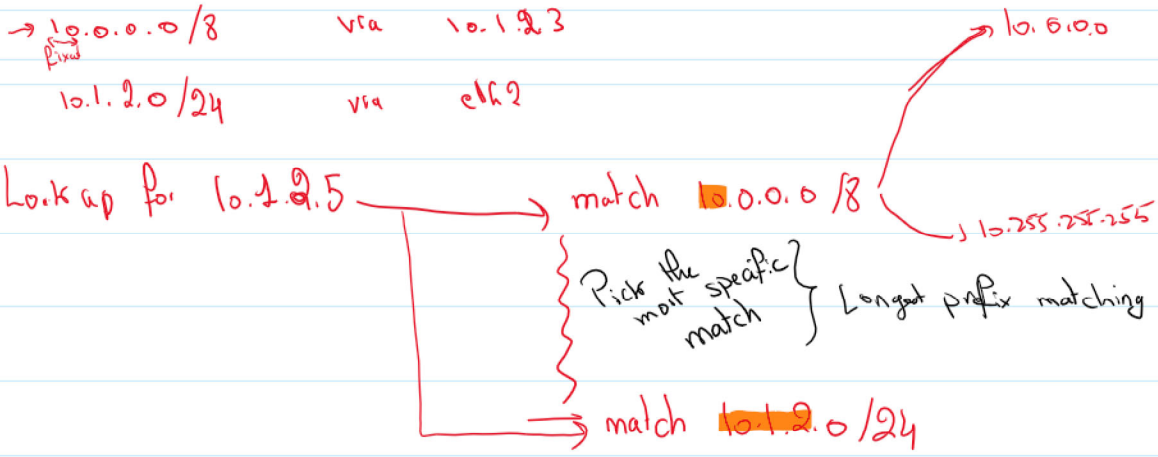
Routing





10.0.0.0/8 via 10.1.2.3
10.1.2.0/24 via eth2



Host Routing Table :

1/ DHCP (10.1.2.254) → reserved for DHCP

2/ Default route
0.0.0.0/0

3/ Manual Configuration

4/ ICMP messages → No authentication, No encryption

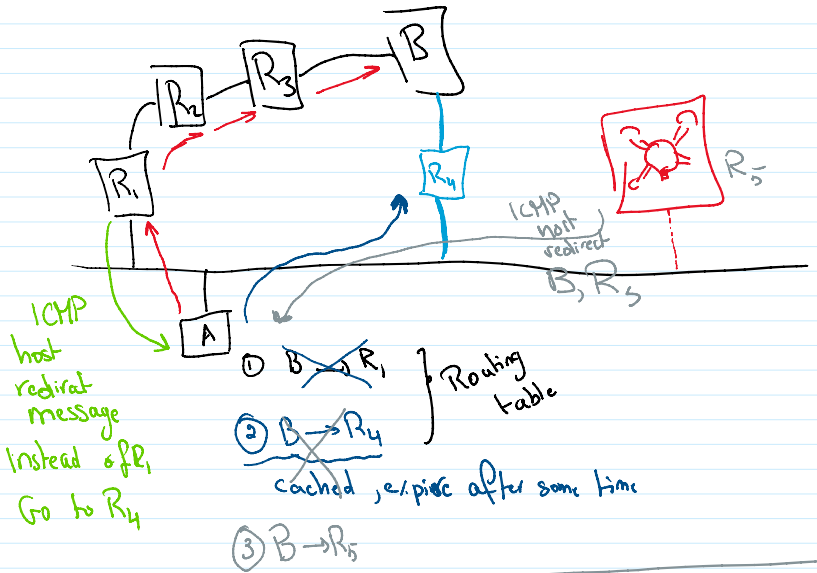
Attacks →

Router routing table :
- OSPF (technology)
- BGP (politics) ← Attacks

ICMP : Internet Control Messages Protocol

IP | ICMP

ICMP is still a Layer 3 protocol
- → Control messages (e.g. Host redirect message)
- → Error messages (e.g. Destination unreachable message)



key: no authentication happening for ICMP packets.

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① Smurf attack