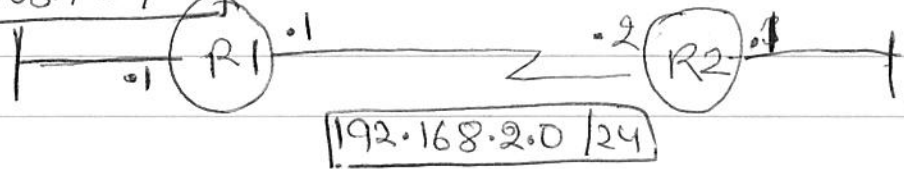


Dynamic Routing : OSPF

8.10.2

192.168.1.0 /24

192.168.3.0 /24



2150

R1#sh ip int br

#sh ip route

#ping 192.168.3.1 ~~(X)~~

255250

(config)#router ospf 1

int2
Turn on OSPF

455250

#network 192.168.2.0 <wild card bits> 0

Waste of Resources
Security
identify interfaces to send hello packets
what n/w to advertise

#network 192.168.1.0 <wild card bits on all inte

Passive interface — Turn of hello msgs

#passive-interface default

#no passive-interface serial 0/0

NOTE: ① wild card bits are opp of subnet mask

② #network 192.168.0.0 0.0.255.255 area

advertise ① find interface matching 192.168.2.0

② #sh run int s/o

192.168.1.1 255.255.255.0

dictate exact N/w

N/w command doesn't ~~impact~~ the
actual ~~N/w~~ being advertised.
advertise :- 192.168.2.0 /24

Do on R2 as well

R1 # show ip ospf neighbor -

show ip route

ping 192.168.3.1

show ip protocols

Routing
protocols

→ debug ip ospf packet ← Hello packet
[t:1]

→ sh ip ospf interface so/o