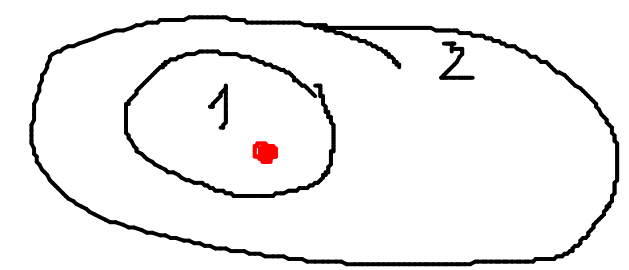
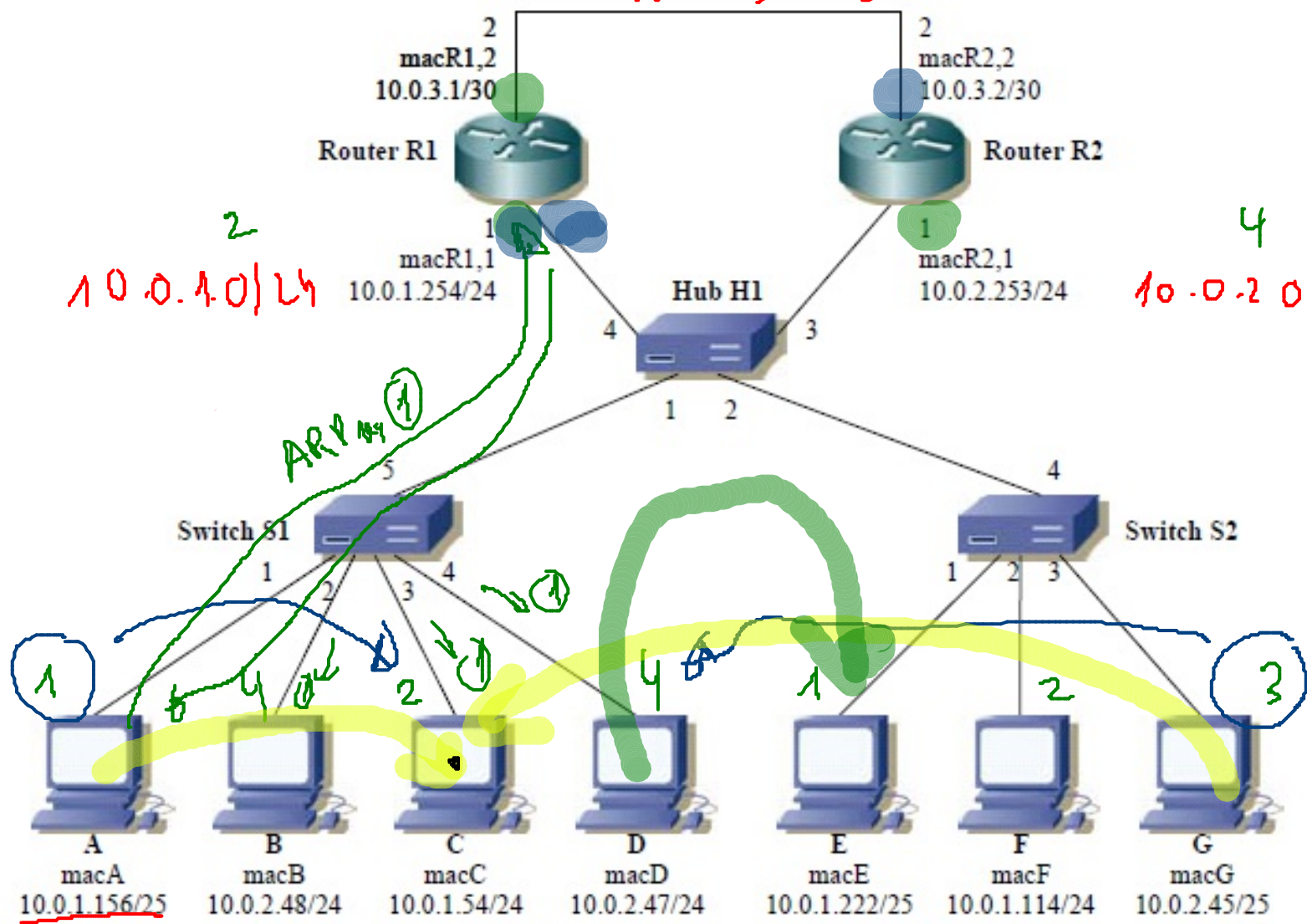
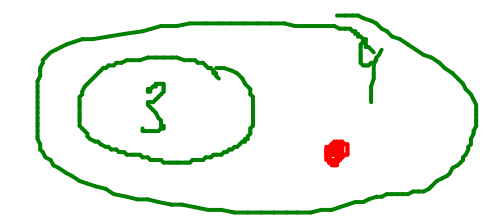


5
10.0.3.0/30



2
10.0.1.0/24

4
10.0.2.0/24



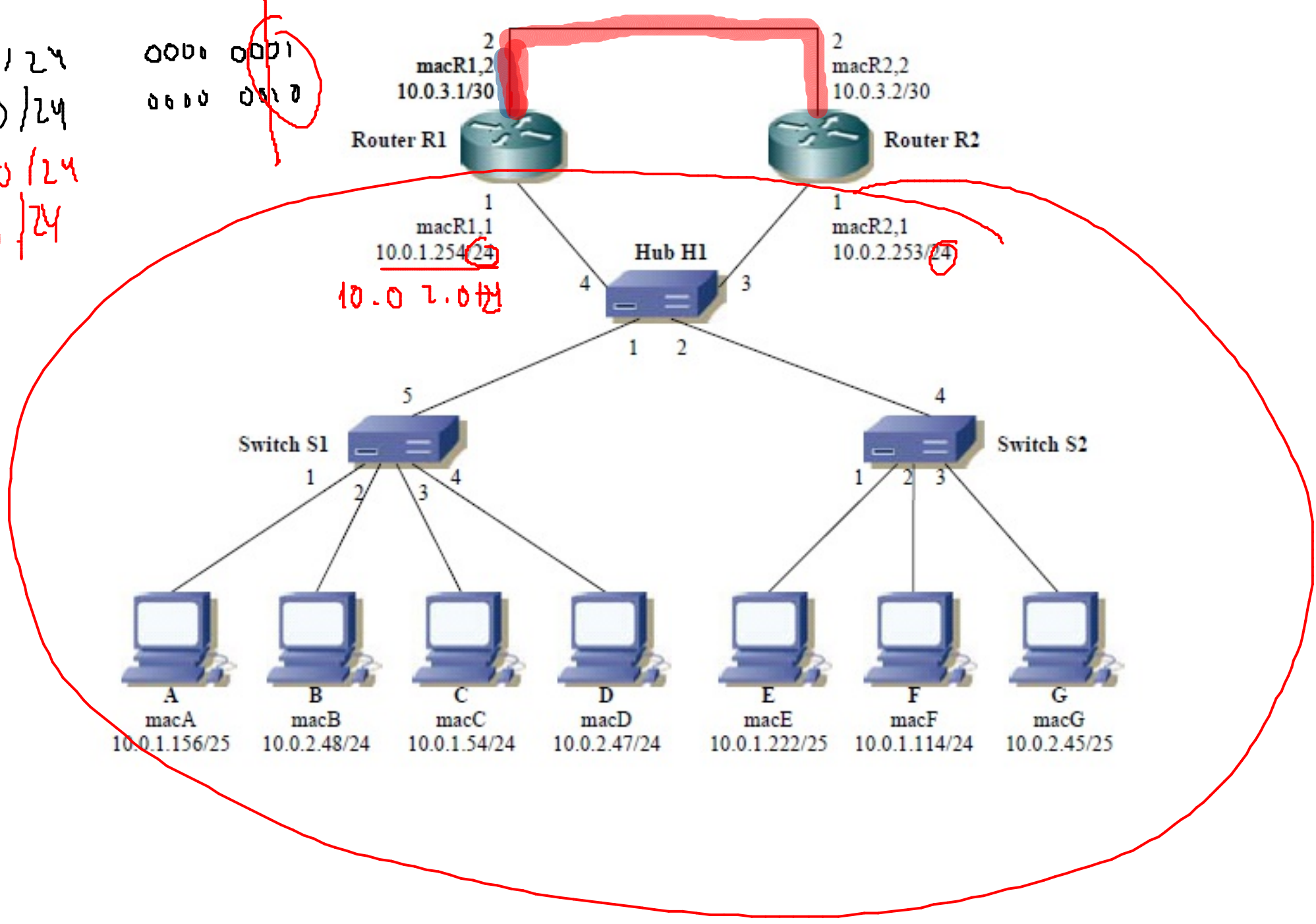
→ 10.0.1.127/25 R1,1
 10.0.2.0/24 R2,1
 10.0.1.0/24 R1,1
 10.0.2.0/24 R2,1
 10.0.1.0/24 R1,1
 10.0.2.0/25 No ROUTER

c 10.0.1.0/25

10.0.0.0 / 22 → 2 redes (links)

10.0.0.0 / 24
10.0.1.0 / 24
0.0 / 24
links 3.0 / 24

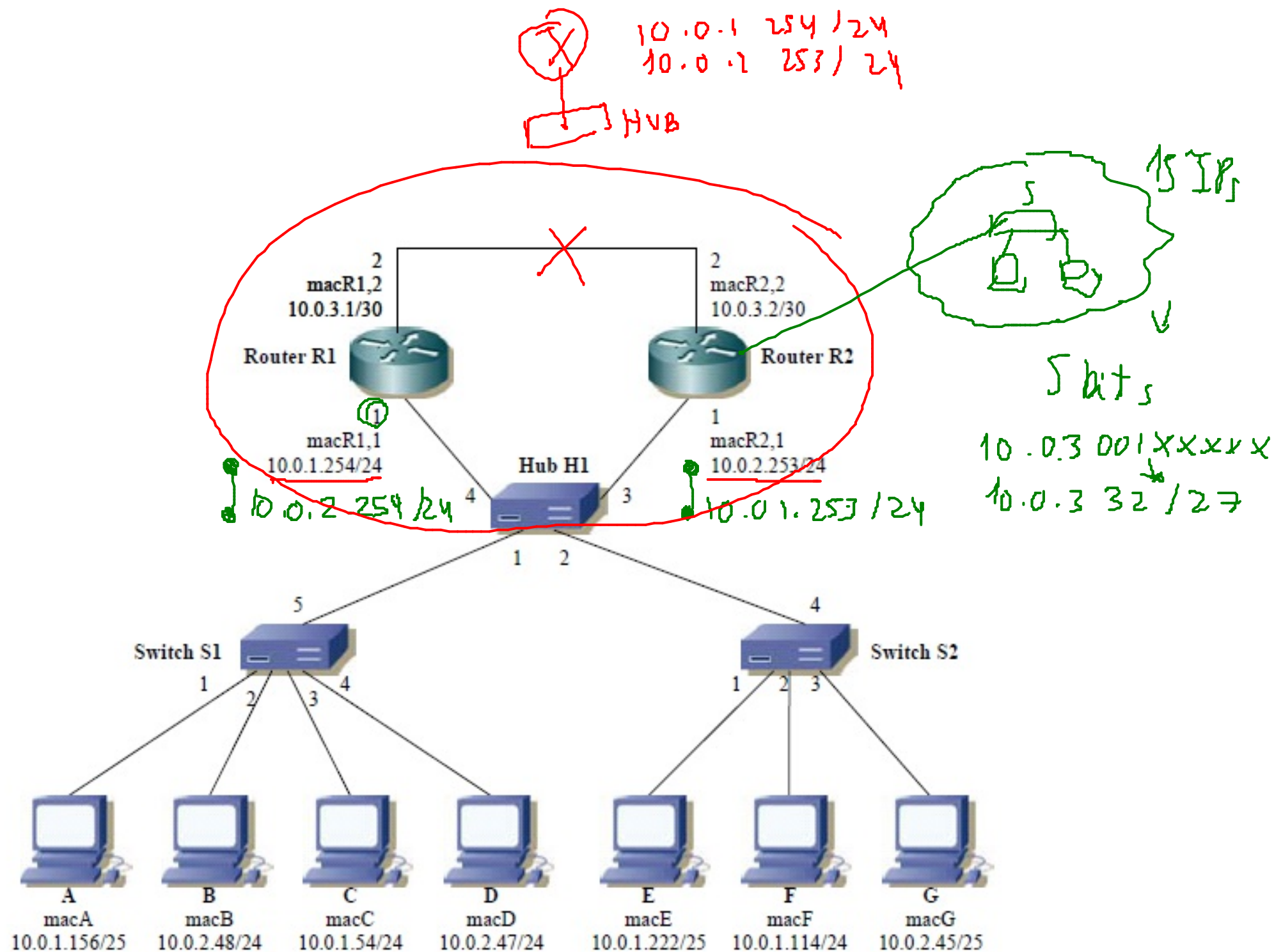
0000 0001
0000 0000



10.0.1.0/24

10.0.2.0/24

5'



					ARP req IP _{R,1}	hosts
MAC A	<u>FF....</u>	—	—			targets
MAC R,1	MAC	—	—		ARP req IP _{R,1}	5 → 1
MAC A	MAC R,1	IP _A	IP _C		ICMP Echo	1 → 5
MAC R,1	<u>FF..</u>	—	—		ARP req IP _C	5 → targets
MAC C	MAC R,1	—	—		ARP req IP _C	3 → 5
MAC R,1	MAC C	IP _A	IP _C		ICMP Echo	5 → 3
MAC C	FF	—	—		ARP req IP _A	3 → targets
→ MAC A	MAC C	—	—		ARP req IP _A	1 → 3
MAC C	<u>MAC A</u>	IP _C	IP _A		ICMP Echo RELAY	3 → 1

e) TR $D \rightarrow E$

$D \rightarrow IP_{R2,1} \rightarrow IP_{R1,2} \rightarrow E$

	MAC _D	MAC _D	IP _D	IP _E	TIP _D
1	ARP	$D \rightarrow R_{2,1}$			
2					
3	MAC _D	MAC _{R2,1}	IP _D	IP _E	UDP TTL=1
4	MAC _{R2,1}	MAC _D	IP _{R2,1}	IP _D	ICMP error TTL exceeded
5	MAC _D	MAC _{R2,1}	IP _D	IP _E	UDP TTL=2
6	MAC _{R2,1}	MAC _D	IP _{R1,2}	IP _D	ICMP error TTL
7	MAC _D	MAC _{R2,1}	IP _D	IP _E	UDP TTL=3
8	MAC _{R2,1}	MAC _D	IP _E	IP _D	ICMP error PORT UNREACHABLE