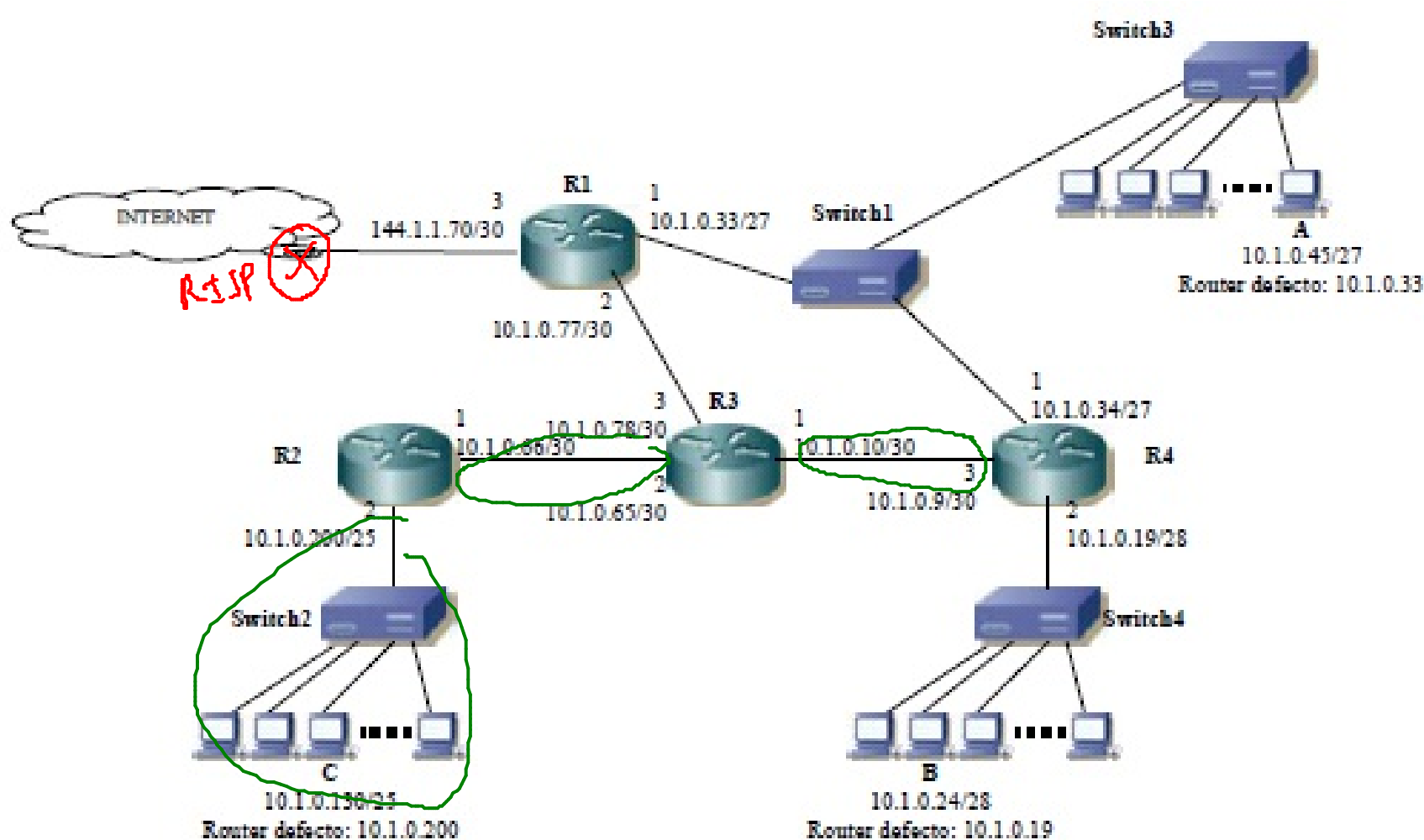
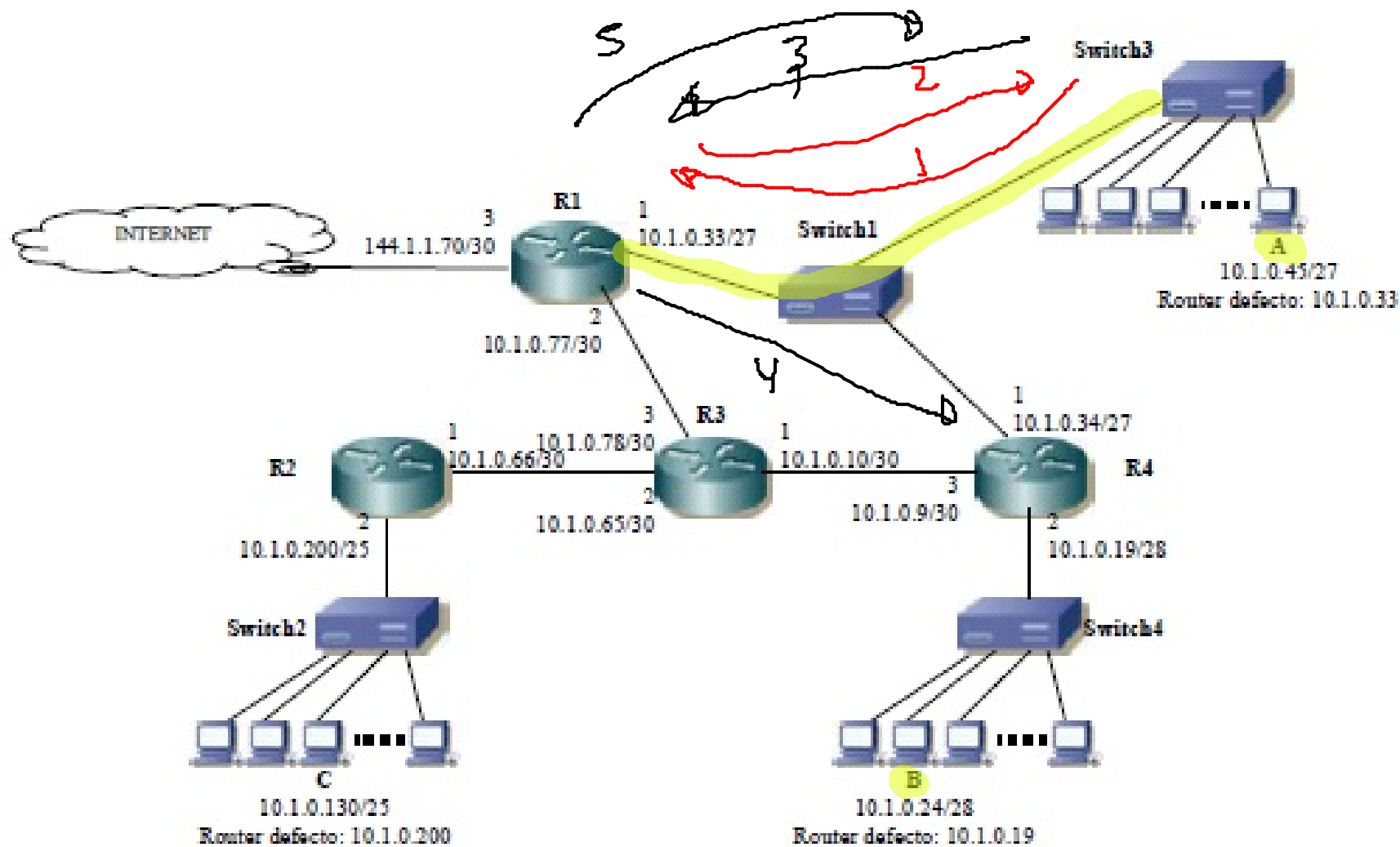


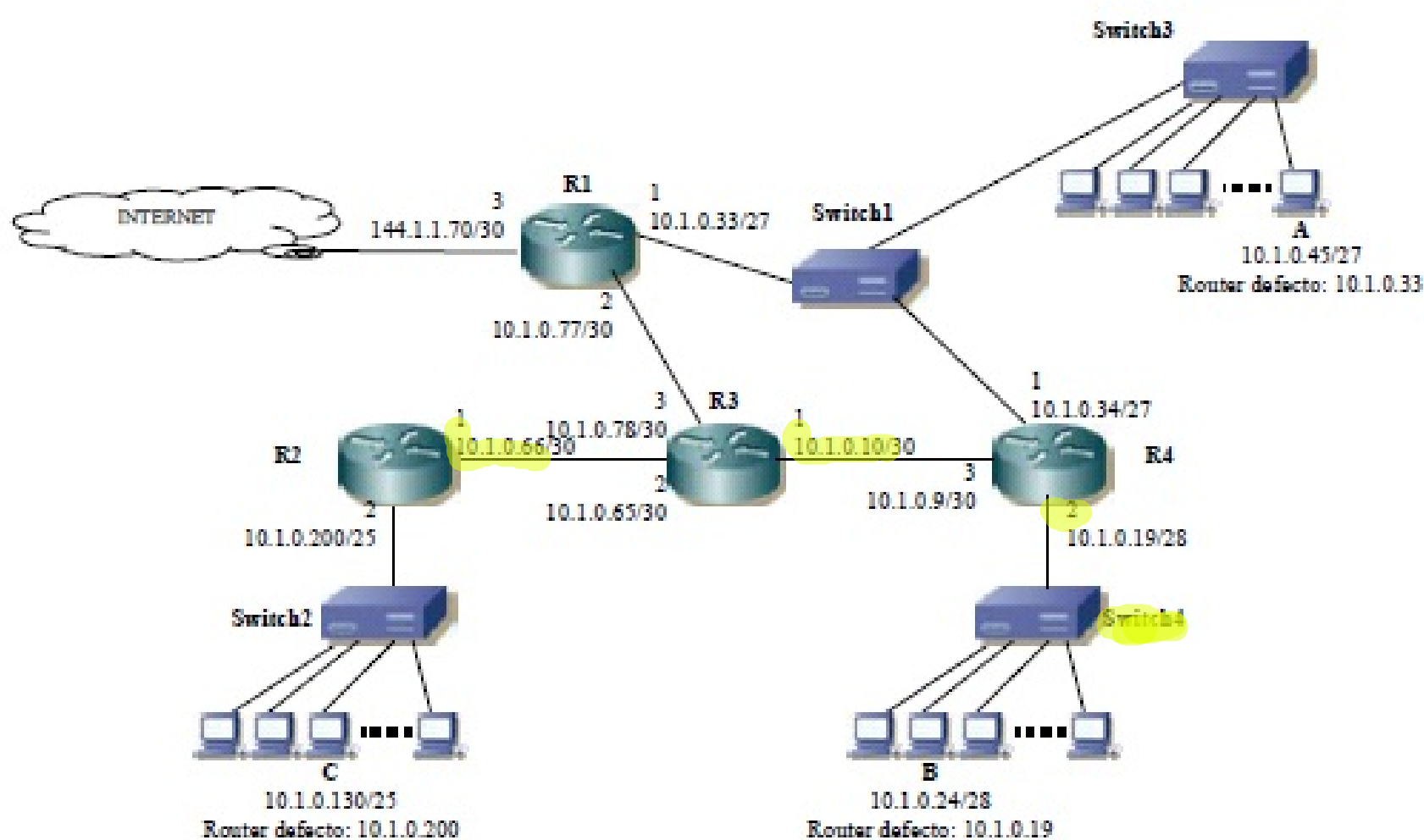


Red	Sig. salto	Interfaz
10.1.0.32/27	-	1
10.1.0.76/30	-	2
144.1.1.68/30	-	3
0.0.0.0/0	144.1.1.69 ipISP	3
10.1.0.16/28	10.1.0.34 ipR4,1	1
10.1.0.8/30	10.1.0.78 ipR3,3	2
10.1.0.64/30	10.1.0.78 ipR3,3	2
10.1.0.128/25	10.1.0.78 ipR3,3	2

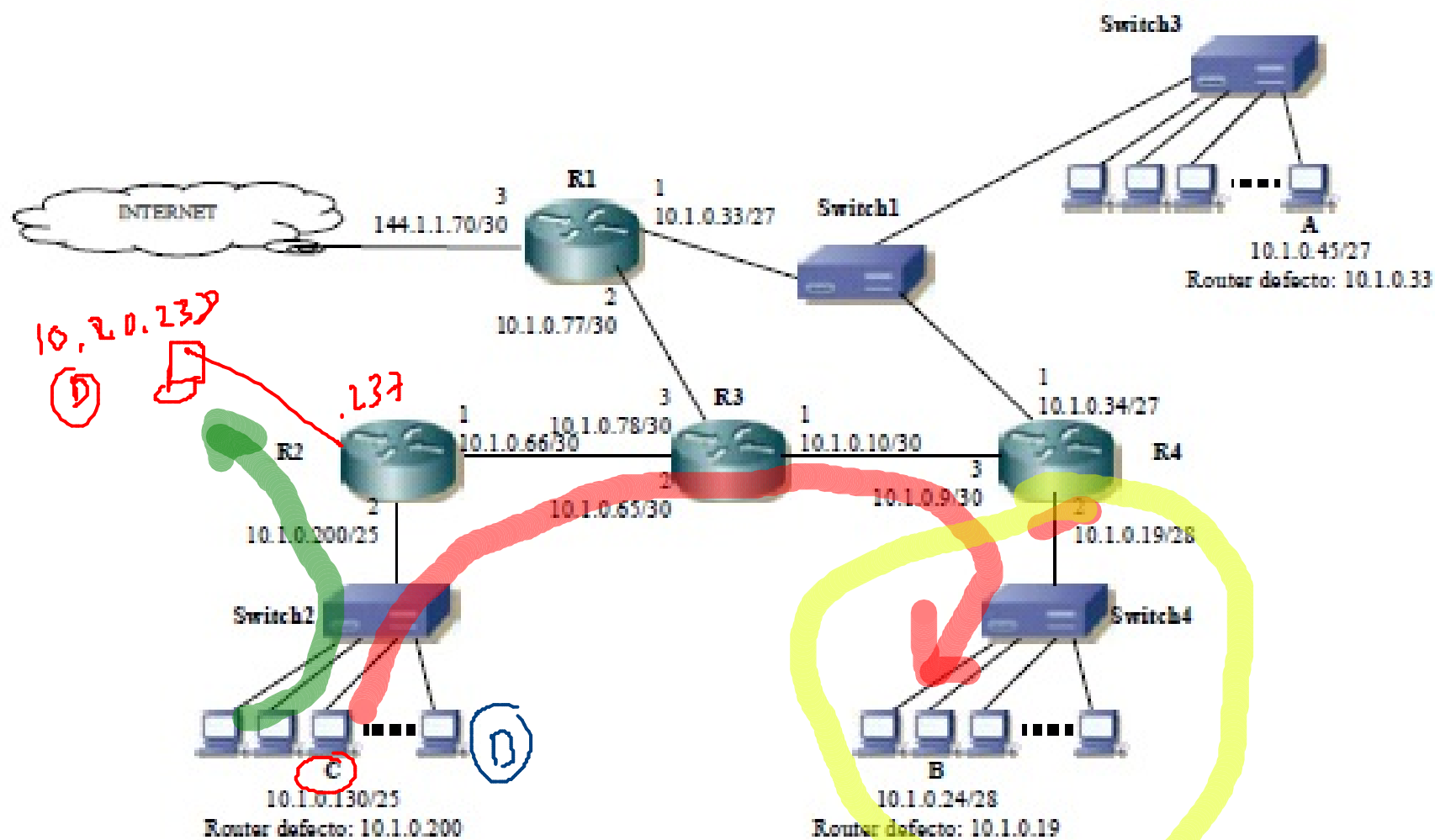
10.1.0.0/24 ipR3,3 2



	MAC _o	MAC _d	IP _o	IP _d	TTL	TIPO
1	MAC A	FF:FF...	—	—	—	ARP REQ ip R1,1
2	MAC R1,1	MAC A	—	—	—	ARP RESP MAC A,1
3	MAC A	MAC R1,1	ip A	ip B	64	ICMP ECHO REQ
	MAC R1,1	FF...	—	—	—	ARP REQ ip R4,1
	MAC R4,1	MAC R1,1	—	—	—	" RESP MAC R4,1
4	MAC R1,1	MAC R4,1	ip A	ip B	63	ICMP ECHO REQ
5	MAC R1,1	MAC A	ip R1,1	ip A	64	ICMP ERROR REDIRECCION
	MAC R4,1	FF...	—	—	—	ARP REQ ip A
	MAC A	MAC R4,1	—	—	—	" RESP
	MAC R4,1	MAC A	ip B	ip A	63	ICMP ECHO RESP



MAC _D	MAC _S	IP _D	IP _S	TTL	TIPO
MAC _B	FF....	-	-	-	ARP REQ ip R4,2
MAC _{R4,2}	MAC _B	-	-	-	ARP RESP Mac R4,2
MAC _B	MAC _{R4,2}	ip _B	ip _C	1	UDP
MAC _{R4,2}	MAC _B	ip _{R4,2}	ip _B	64	ICMP ERROR TTL EXCH.
MAC _B	MAC _{R4,2}	ip _B	ip _C	2	UDP
MAC _{R4,2}	MAC _B	ip _{R3,1}	ip _B	63	ICMP ERROR TTL EX.
MAC _B	MAC _{R4,2}	B	C	3	UDP
MAC _{R4,2}	MAC _B	ip _{R2,1}	ip _B	62	ICMP ERROR TTL EX
B	R4,2	B	C	4	UDP
MAC _{R4,2}	MAC _B	C	B	61	ICMP ERROR PORT VNR.



MAC c FF...

6

6

ARP REQ ip D

IGMP TTL=1

IP MULTICAST → MAC MULTICAST

224.0.0.0