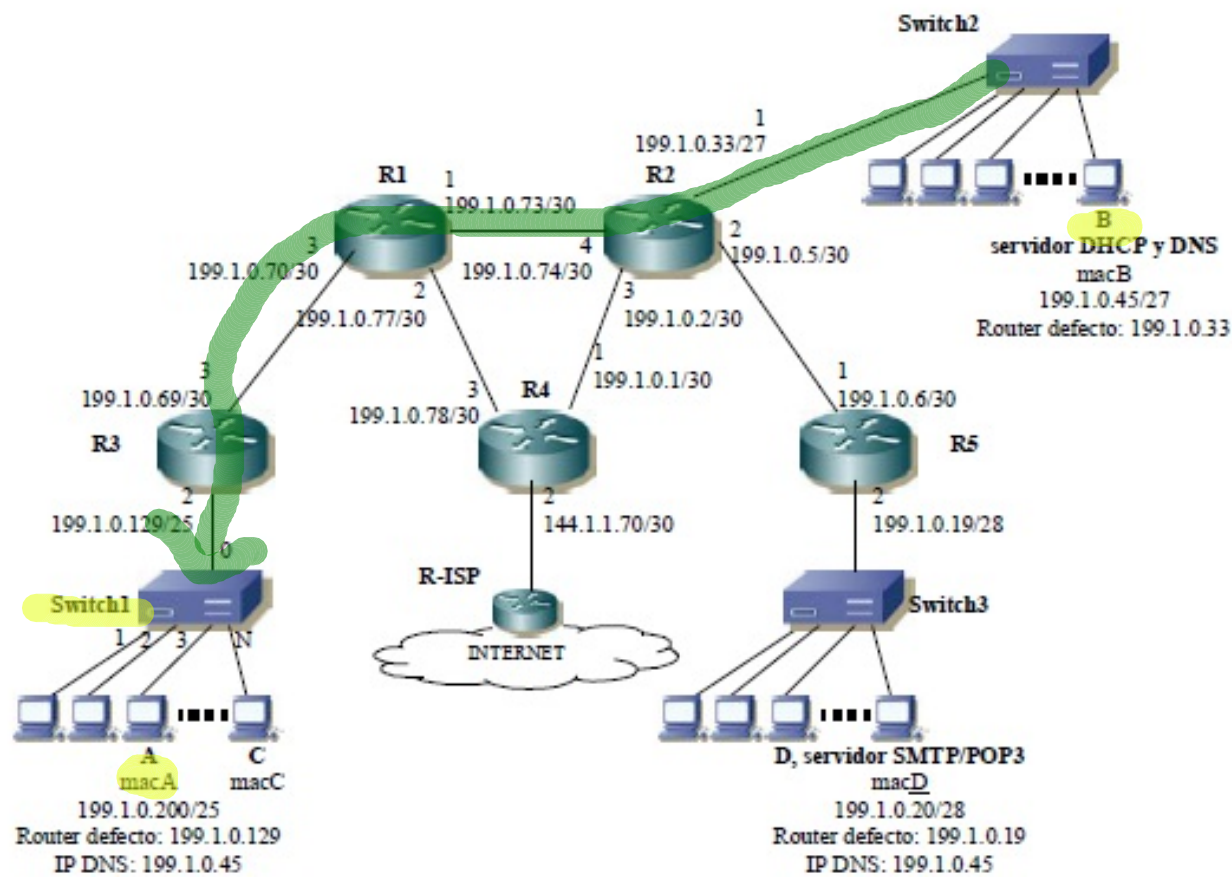
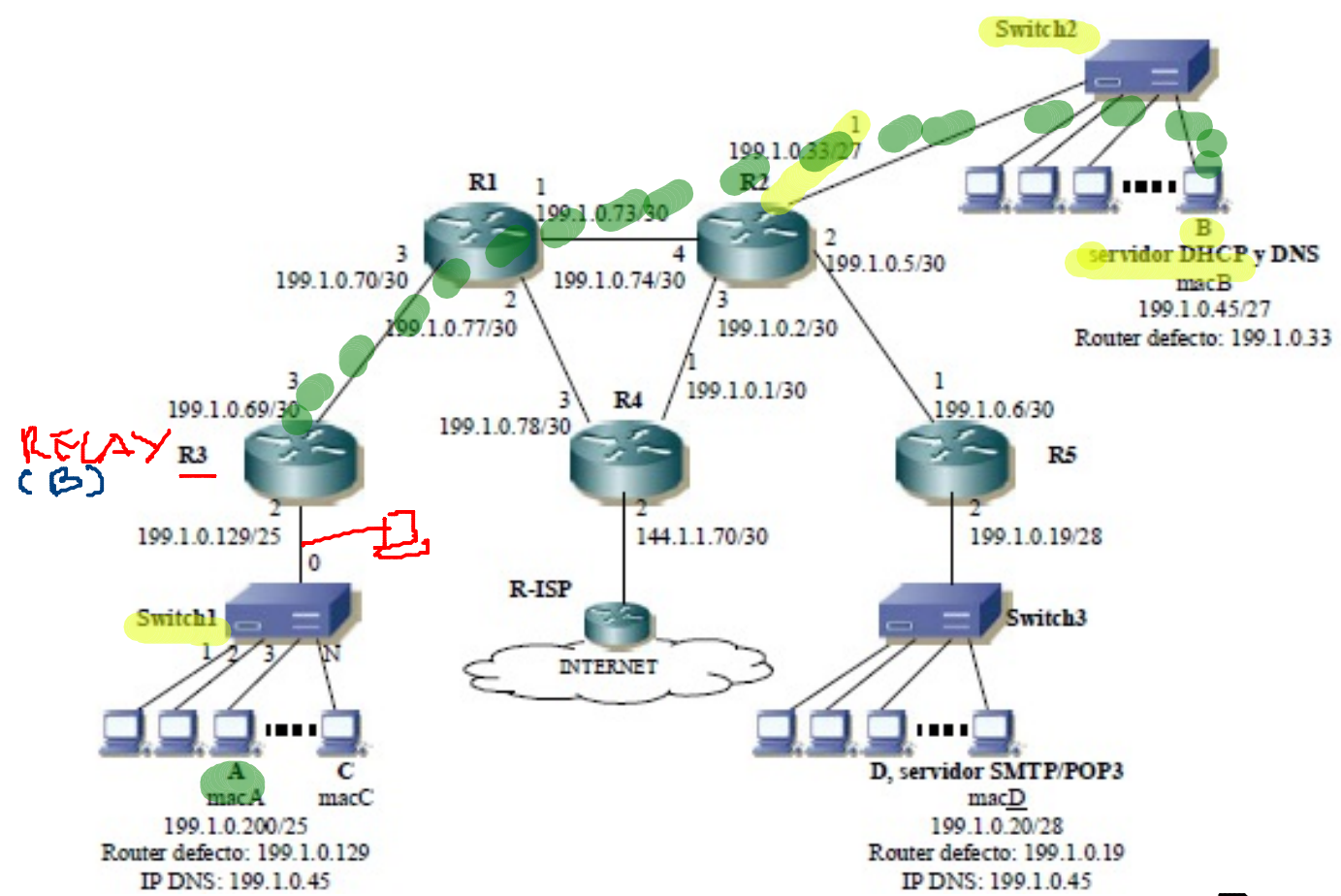


PING A → B



	MAC _A	MAC _D	IP _A	IP _D	TTL	PROTO	SW IN	OUT
1	MAC _A	FFFF, ...	—	—	—	ARP REQ to R3,2	3	TOO BIG
2	MAC _{R3,2}	MAC _A	—	—	—	ARP RESP MAC _{R3,2}	0	3
3	MAC _A	MAC _{R3,2}	IP _A	IP _D	64	ICMP ECHO REQ	3	0
	MAC _{R3,2}	MAC _A	IP _B	IP _A	61	ICMP ECHO RESP	0	3



SW1	MAC	MAC	IP	IP	PROTO
	MAC A	FF:FF:FF:FF:00:00	0.0.0.0	255.255.255.255	UDP - DHCP DISCOVER
	MAC R3, 2	BROADCAST / MAC A	IP 3, 2	"	" OFFER IP A
	MAC A	FF:FF:00:00:00:00	0.0.0.0	"	" REQ IP A
	MAC R3, 2	BROADCAST / MAC A	IP R3, 2	"	" ACK IP A
	MAC R2, 1	FF:FF:FF:FF:00:00	---	---	ARP REQ IP B
	MAC B	MAC R2, 1	---	---	" RESP
SW2	MAC R2, 1	MAC B	IP R3, 2	IP B	UDP - DHCP DISCOVER
	MAC B	MAC R2, 1	IP B	IP R3, 2	" OFFER IP A
	MAC R2, 1	MAC B	IP R3, 2	IP B	" REQ IP A
	MAC B	MAC R2, 1	IP B	IP R3, 2	" ACK IP A

226. 3.3.3 ^{23 bits}
MAC
01:00:5E:03:03:03