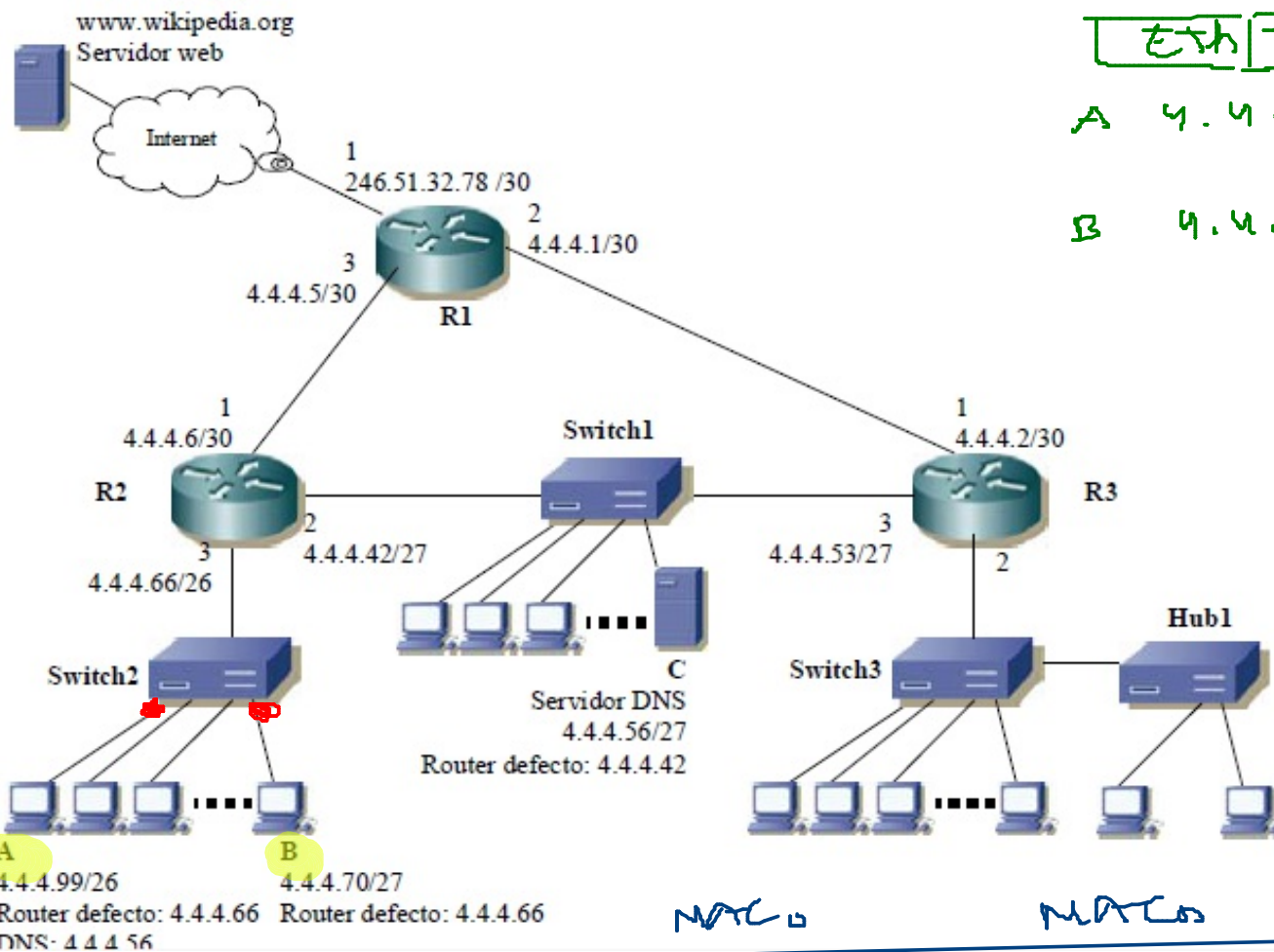




PING A → B SW 2

ETH IP ICMP DADOS ECHO

A 4.4.4.99/26 → 0 110 0011

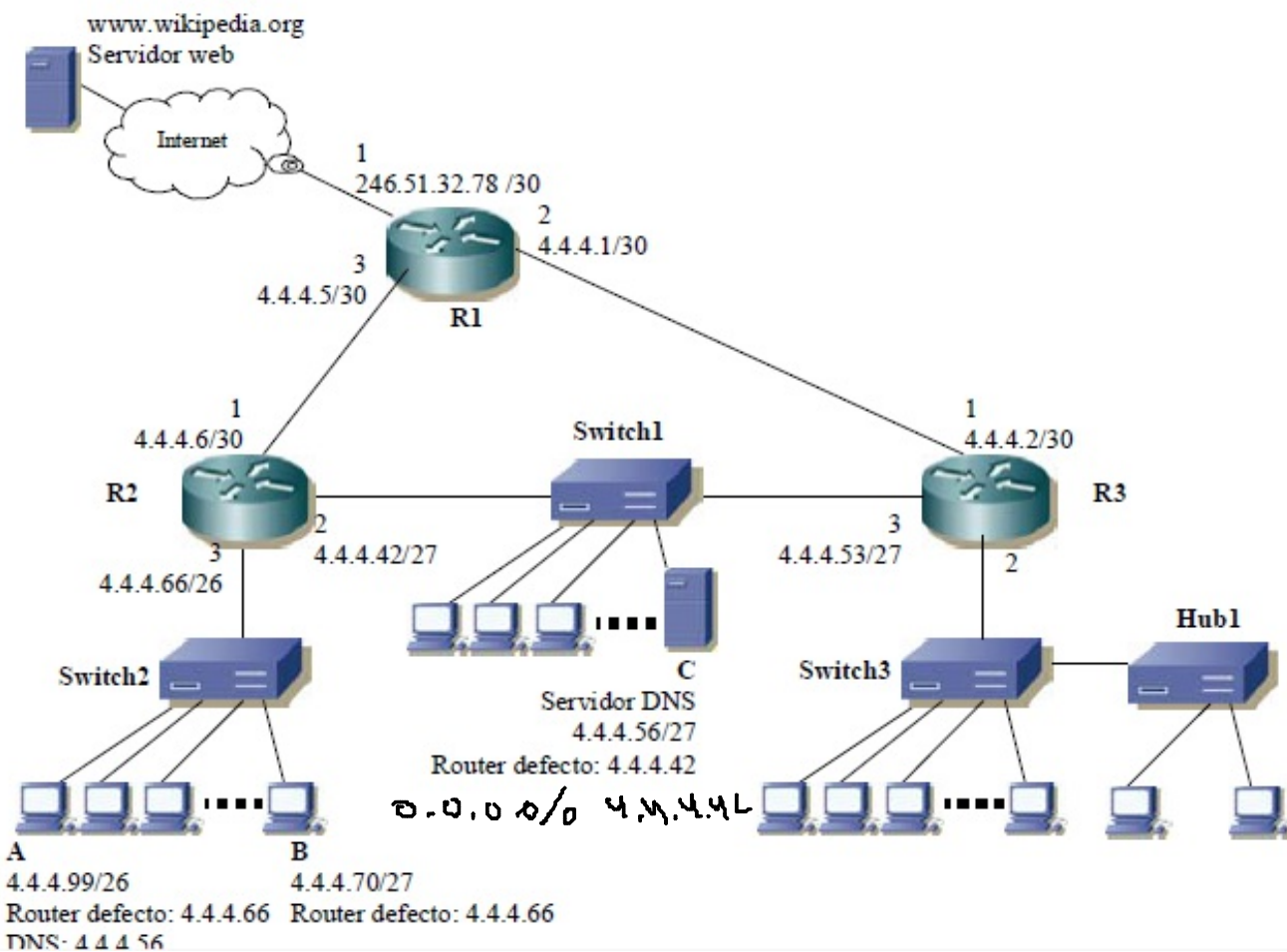
B 4.4.4.70/27 → 0 100 0110

R APAGADA

- a) ICMP ECHO se manda B na interface
- b) ICMP ECHO via R
- c) NADA
- d) ARP MAC B

MAC B FF-. ARP Req
 NRE R2,3 MAC B ARP Res

MAC	MAC	IP	IP	PROTO
MAC A	FF:FF:..	=	=	ARP Req B
MAC B	MAC A	=	=	ARP Res MAC B
MAC A	? MAC B	IP A	IP B	ICMP ECHO REA
MAC B	? MAC R2,3	IP A	IP A	ICMP ECHO RESP
MAC R2,3	FF:..	=	=	ARP Req
MAC A	MAC R2,3	=	=	ARP Res
MAC R2,3	? MAC A	"	"	ICMP ECHO REA



PC C PING 255.255.255.255

a) Router defecto **MAE**

b) Broadcast

c) ARP (Broadcast)

d) NO POSSIBLE

MAC 0	MAC 0	IP 0	IP 0	PROTO
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MAC C

? FF:FF:FF:FF

IP C

255.255.255.255

ICMP Echo Req

MAC 2,2

MAC 3,3

MAC C

MAC C

IP 2,2

IP 3,3

IP C

IP C

ICMP Echo Req

1)