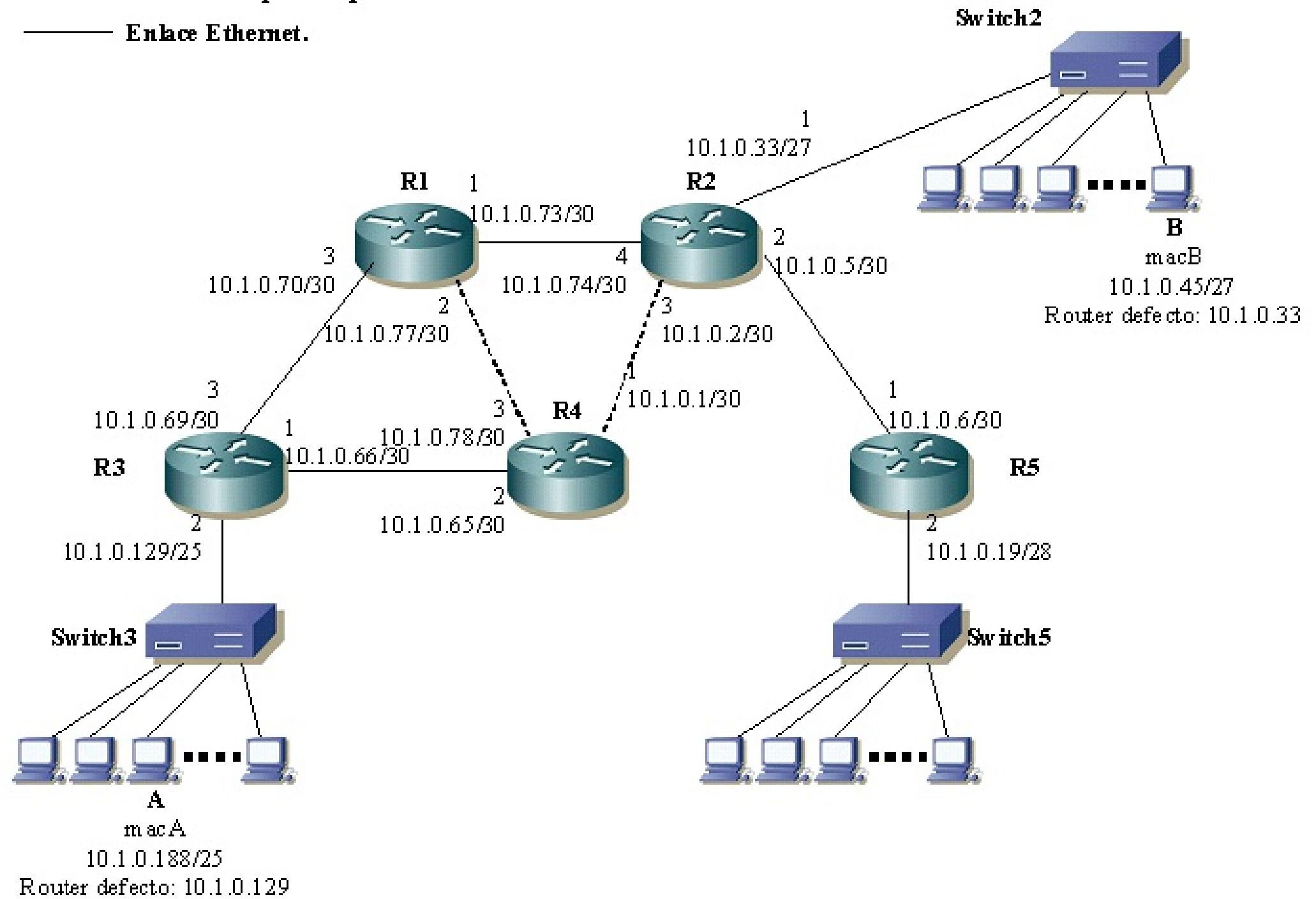
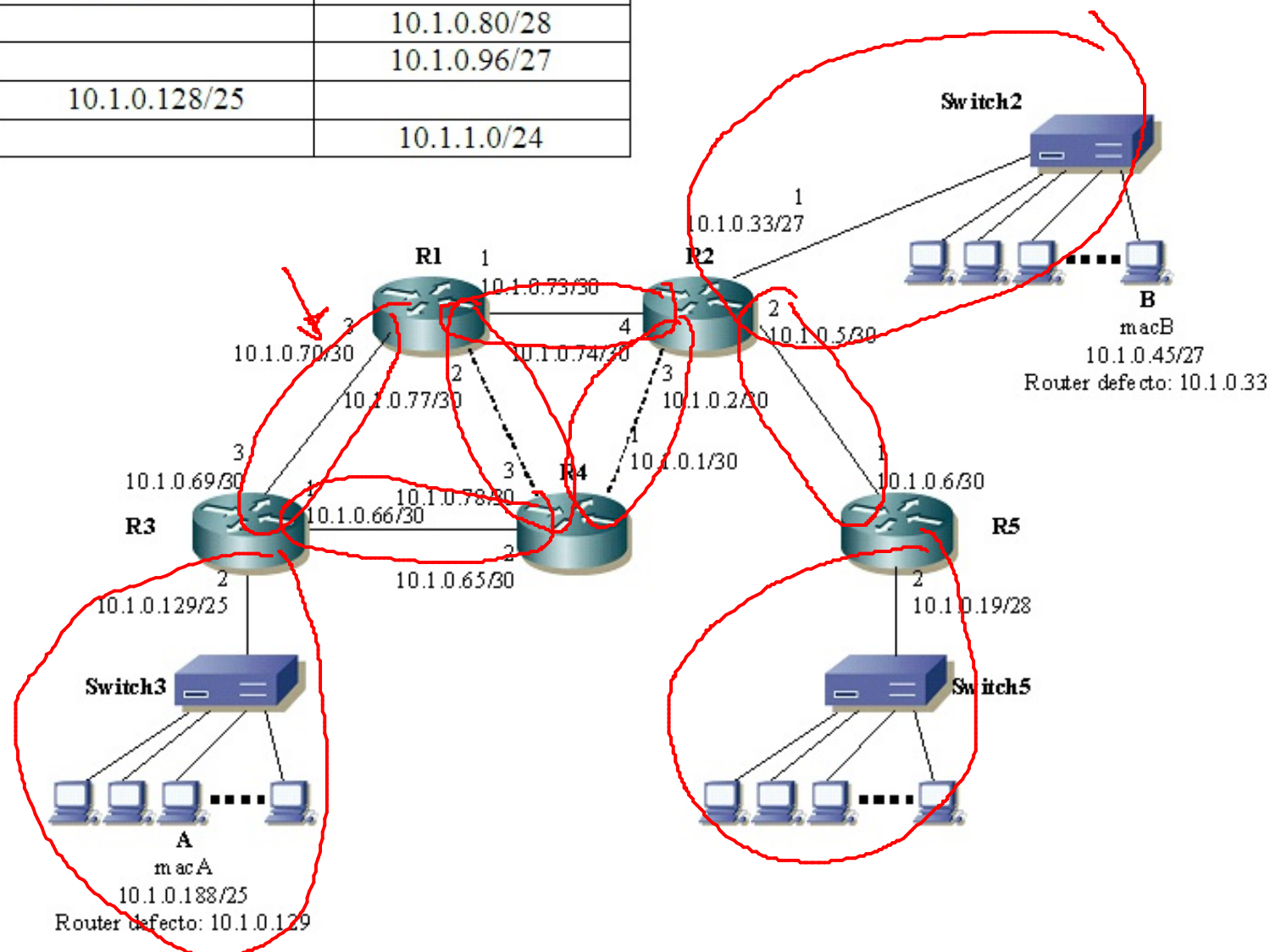


----- Enlace serie punto a punto.

———— Enlace Ethernet.

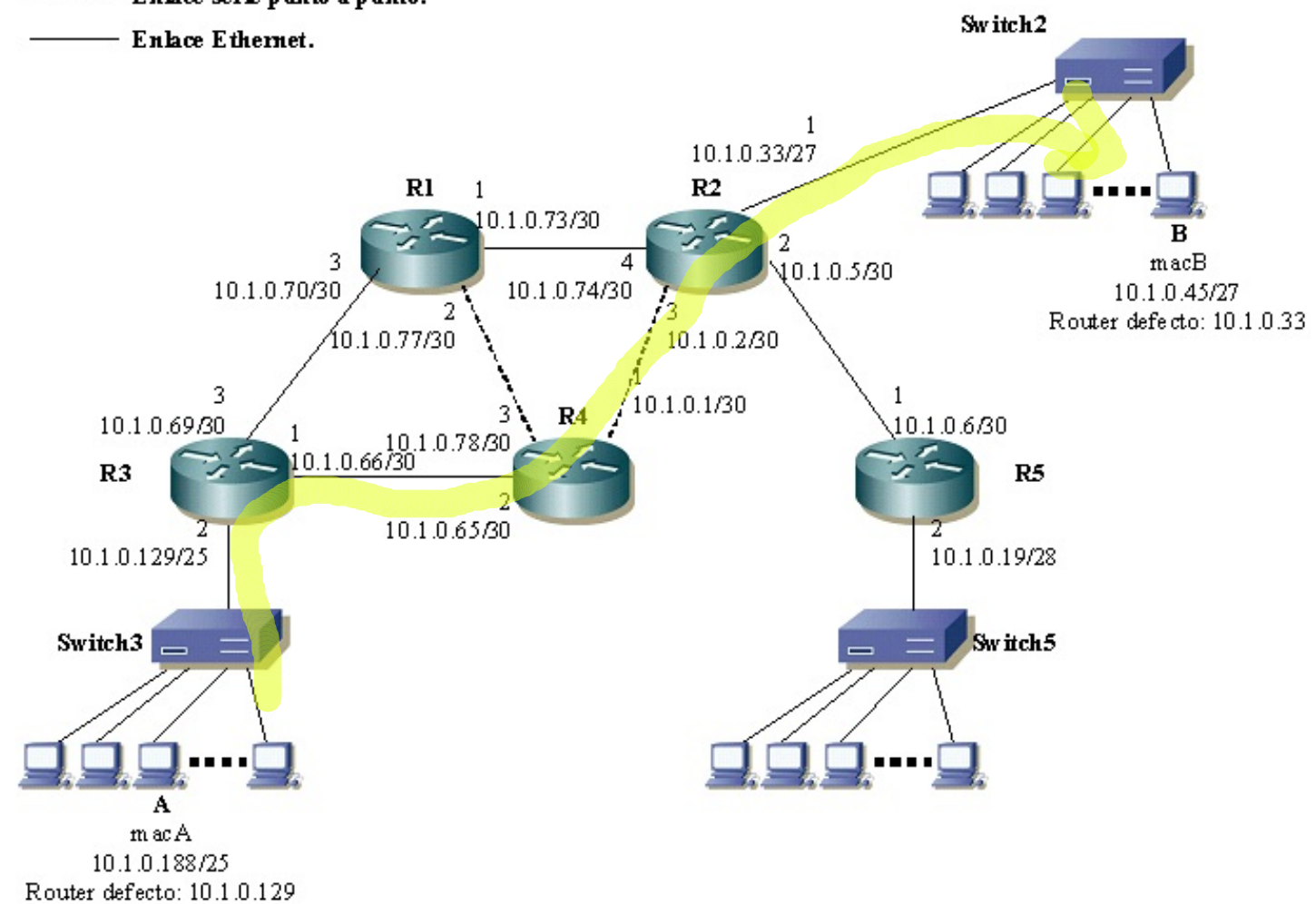


En la topología	3 primeros bytes	Último byte	Redes ocupadas	Redes libres
R2-R4	10.1.0000 0000.	0000 00xx	10.1.0.0/30	
R2-R5	“	0000 01xx	10.1.0.4/30	
	“	0000 10xx		10.1.0.8/30
	“	0000 11xx		10.1.0.12/30 (estas 2 se agrupan en 10.1.0.8/29)
switch5	“	0001 xxxx	10.1.0.16/28	
switch2	“	001x xxxx	10.1.0.32/27	
R3-R4	“	0100 00xx	10.1.0.64/30	
R1-R3	“	0100 01xx	10.1.0.68/30	
R1-R2	“	0100 10xx	10.1.0.72/30	
R1-R4	“	0100 11xx	10.1.0.76/30	
	“	0101 xxxx		10.1.0.80/28
	“	011x xxxx		10.1.0.96/27
switch3	“	1xxx xxxx	10.1.0.128/25	
	10.1.0000 0001.	xxxx xxxx		10.1.1.0/24



----- Enlace serie punto a punto.

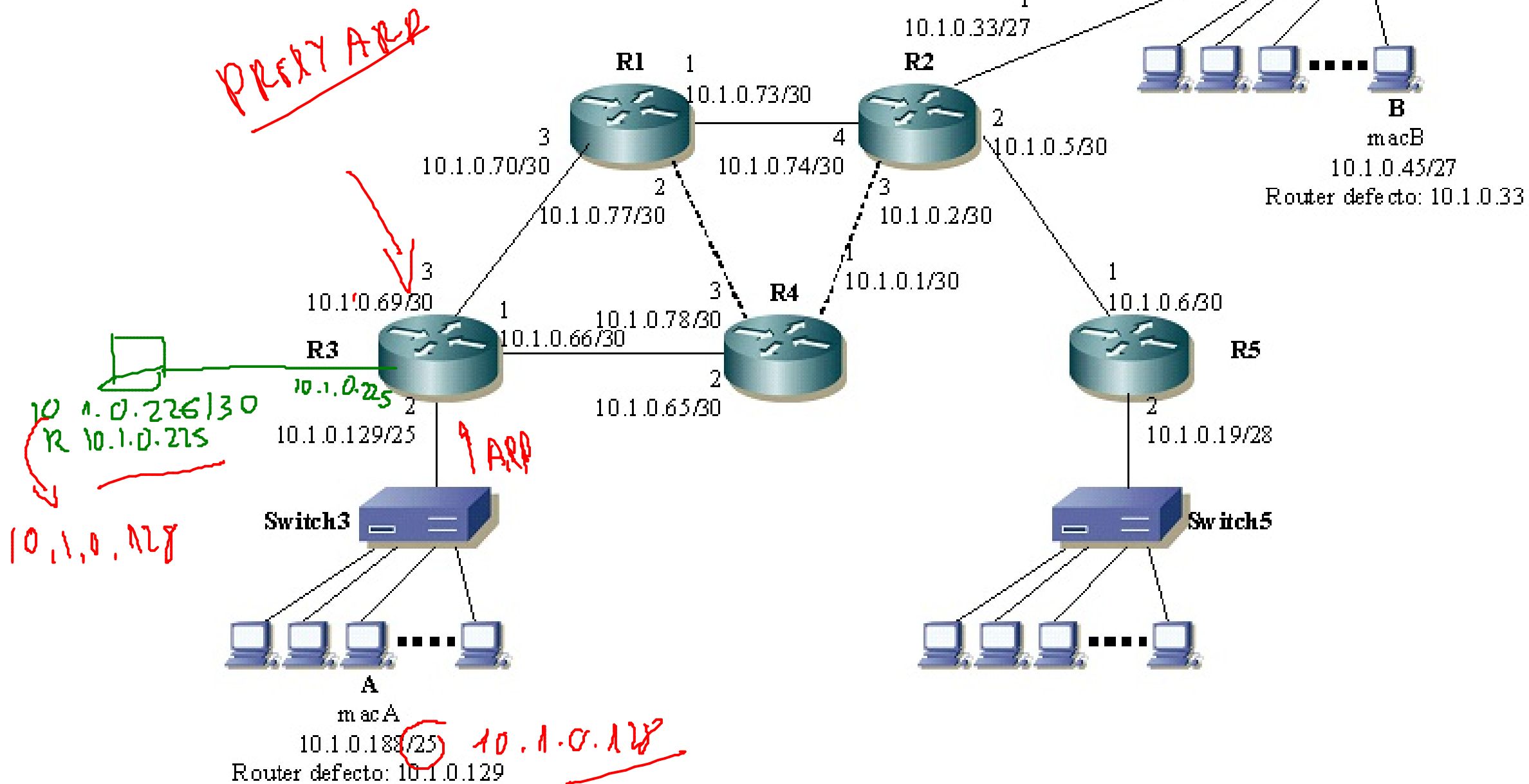
———— Enlace Ethernet.



MAC origen	MAC destino	IP origen	IP destino	TTL	Protocolo
macA	FF:FF:FF:FF:FF:FF	-	-	-	ARPreq ipR3,2
macR3,2	macA	-	-	-	ARPresp macR3,2
macA	macR3,2	IPA	IPB	1	UDP
macR3,2	macA	IPR3,2	IPA	64	ICMP error TTL exceeded
macA	macR3,2	IPA	IPB	2	UDP
macR3,2	macA	IPR4,2	IPA	63	ICMP error TTL exceeded
macA	macR3,2	IPA	IPB	3	UDP
macR3,2	macA	IPR2,3	IPA	62	ICMP error TTL exceeded
macA	macR3,2	IPA	IPB	4	UDP
macR3,2	macA	IPB	IPA	61	ICMP error port unreachable

----- Enlace serie punto a punto.

———— Enlace Ethernet.



MAC(225.1.1.1)= 01:00:5E:0+23 ultimos bits IP=01:00:5E:01:01:01

MAC(224.0.0.1)=01:00:5E:00:00:01

MAC origen	MAC destino	IP origen	IP destino	Protocolo
<u>macB</u>	<u>01:00:5E:01:01:01</u>	<u>ipB</u>	225.1.1.1	IGMP Membership Report (group address 225.1.1.1)
<u>macB</u>	<u>01:00:5E:01:01:01</u>	<u>ipB</u>	225.1.1.1	IGMP Membership Report (group address 225.1.1.1)
macR2,1	<u>01:00:5E:01:01:01</u>	<u>ipA</u>	225.1.1.1	UDP <u>flujo</u> multicast
macR2,1	01:00:5E:00:00:01	ipR2,1	224.0.0.1	IGMP General Query (group address 0.0.0.0) MRT=60
<u>macB</u>	<u>01:00:5E:01:01:01</u>	<u>ipB</u>	225.1.1.1	IGMP Membership Report (group address 225.1.1.1)