

acaban de encender para cada apartado.

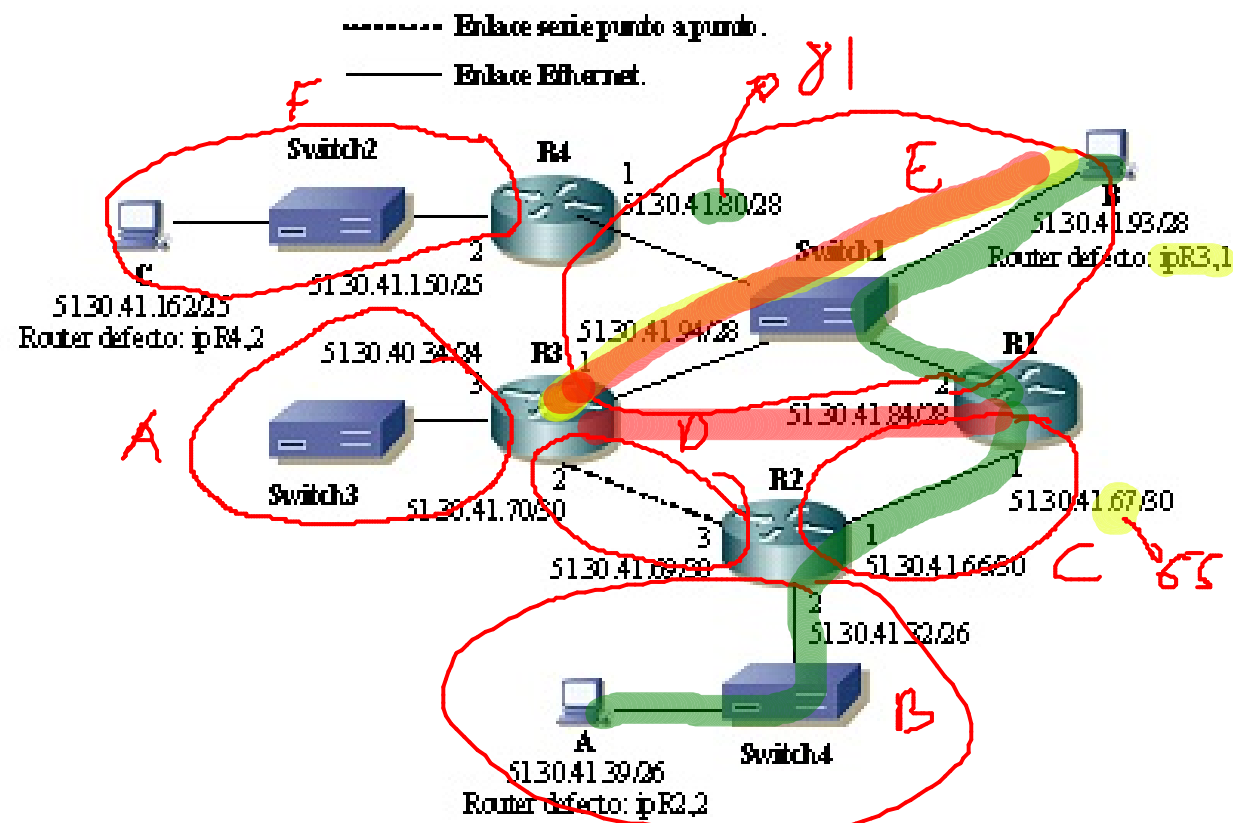


Tabla rutas R1

Red	Sig.	Interfaz
51.30.40.0/24	ipR3,1	2
51.30.41.0/26	ipR2,1	1
51.30.41.64/30	-	1
51.30.41.68/30	ipR2,1	1
51.30.41.80/28	-	2
51.30.41.128/25	ipR3,1	2

Tabla rutas R2

Red	Sig.	Interfaz
51.30.40.0/24	ipR1,1	1
51.30.41.0/26	-	2
51.30.41.64/30	-	1
51.30.41.68/30	-	3
51.30.41.80/28	ipR1,1	1
51.30.41.128/25	ipR3,2	3

Tabla rutas R3

Red	Sig.	Interfaz
51.30.40.0/24	-	3
51.30.41.0/26	ipR1,2	1
51.30.41.64/30	ipR1,2	1
51.30.41.68/30	-	2
51.30.41.80/28	-	1
51.30.41.128/25	ipR1,2	1

Tabla rutas R4

Red	Sig.	Interfaz
0.0.0.0/0	ipR3,1	1
51.30.41.80/28	-	1
51.30.41.128/25	-	2

PING A → B (switch 1)

MAC₀ MAC_D IP₀ IP_D

TTL TIPO

MAC R1,2	FF...	-	-	-	ARP REQ
MAC B	MAC R1,2	-	-	-	ARP REP
MAC R1,2	MAC B	A	B	62	ICMP ECHO REQ
MAC R3,1	FF...	-	-	-	ARP REQ
MAC B	MAC R3,1	B	A	64	ICMP ECHO REP
MAC R3,1	MAC R1,2	B	A	63	ICMP ECHO REP
MAC R3,1	MAC B	ipR3,1	B	64	ICMP ECHO REP

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----- Enlace serie punto a punto.

———— Enlace Ethernet.

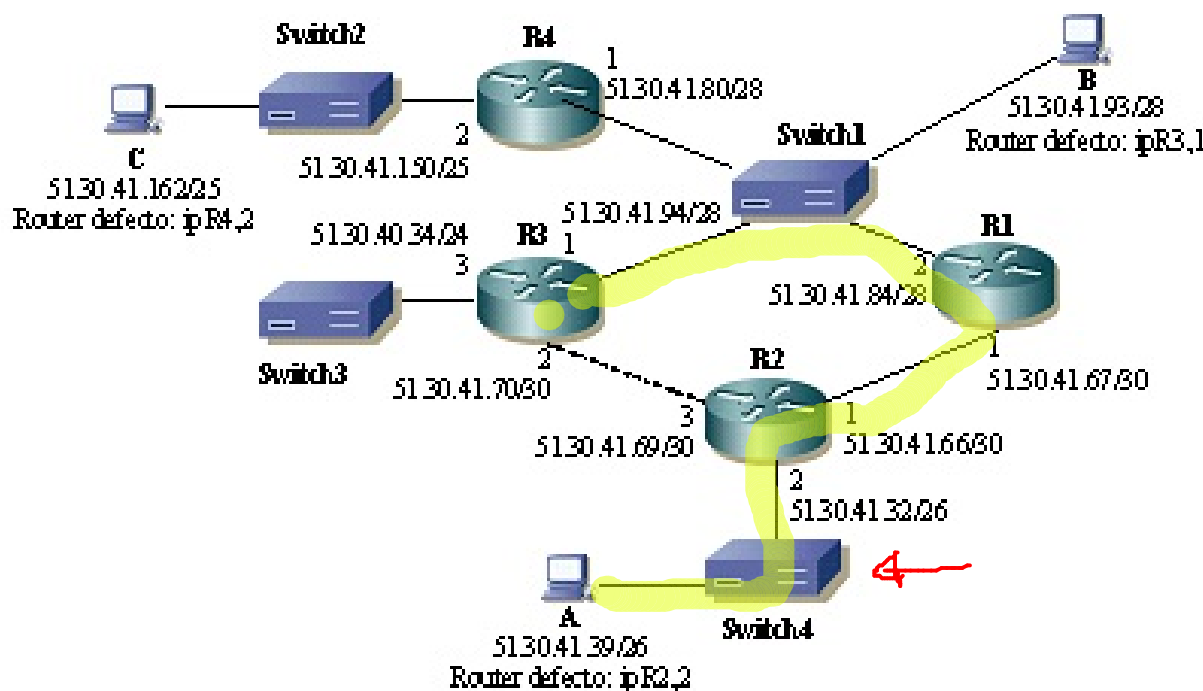


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51.30.41.80/28	-	1
51.30.41.128/25	ipR1,2	1

Tabla rutas R4

Red	Sig.	Interfaz
0.0.0.0/0	ipR3,1	1
51.30.41.80/28	-	1
51.30.41.128/25	-	2

SW4 A → 51.30.40.17

ICMP ERROR HOST UNREACHABLE

ip R3,1

ip A

MAC R2,2

MAC A

TTL

62

SW4 A → 51.30.41.95

ICMP ECHO RESP

1

ip R

ip A

ip R4,1

"

ip R3,1

"

ip R2,2

"

"

"

61

"

"

61

"

"

62

"

"

63

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----- Enlace serie punto a punto.
 ————— Enlace Ethernet.

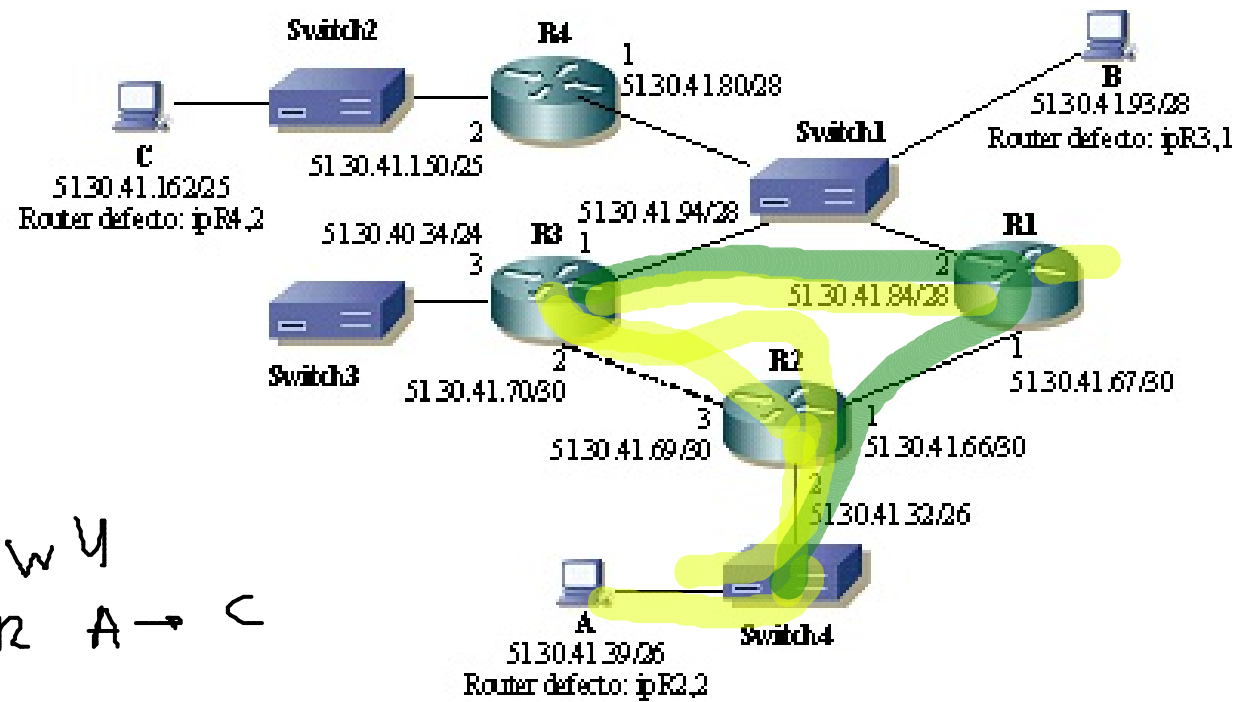


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51.30.41.80/28	-	2
51.30.41.128/25	ipR3,1	2

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51.30.41.128/25	ipR1,2	1

Tabla rutas R4

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0.0.0.0/0	ipR3,1	1
51.30.41.80/28	-	1
51.30.41.128/25	-	2

SW 4
 TR A → C

MAC _o	MAC _d	IP _o	IP _d	TTL	PRO
A	FF - -	-	-	=	ARP REQ RETP
R2, 2	IA	-	-	-	-
MAC A	MAC R2, 2	A	C	1	UDP
R2, 2	A	R2, 2	A	54	ICMP ERROR TTL Ex
A	R2, 2	A	C	2	UDP
R2, 2	A	R3, 1	A	52	ICM FRMA
		A	C	3	UDP
		R1, 1	A	53	ICMP E..
		A	C	4	UDP
				:	
				30	UDP

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----- Enlace serie punto a punto.

———— Enlace Ethernet.

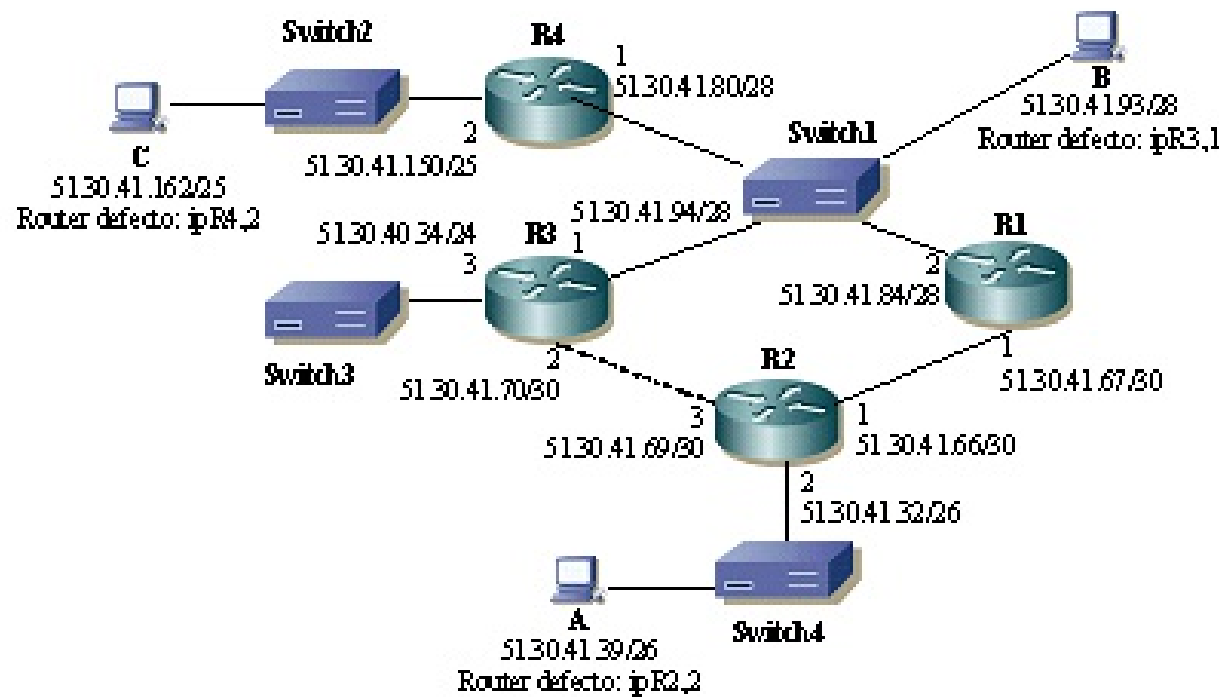


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51.30.41.80/28	-	1
51.30.41.128/25	ipR1,2	1

Tabla rutas R4

Red	Sig.	Interfaz
0.0.0.0/0	ipR3,1	1
51.30.41.80/28	-	1
51.30.41.128/25	-	2

2x { MACB 01:00:55:03:03:03

ip B 225-3.3 3

COMP MEMB. REPORT