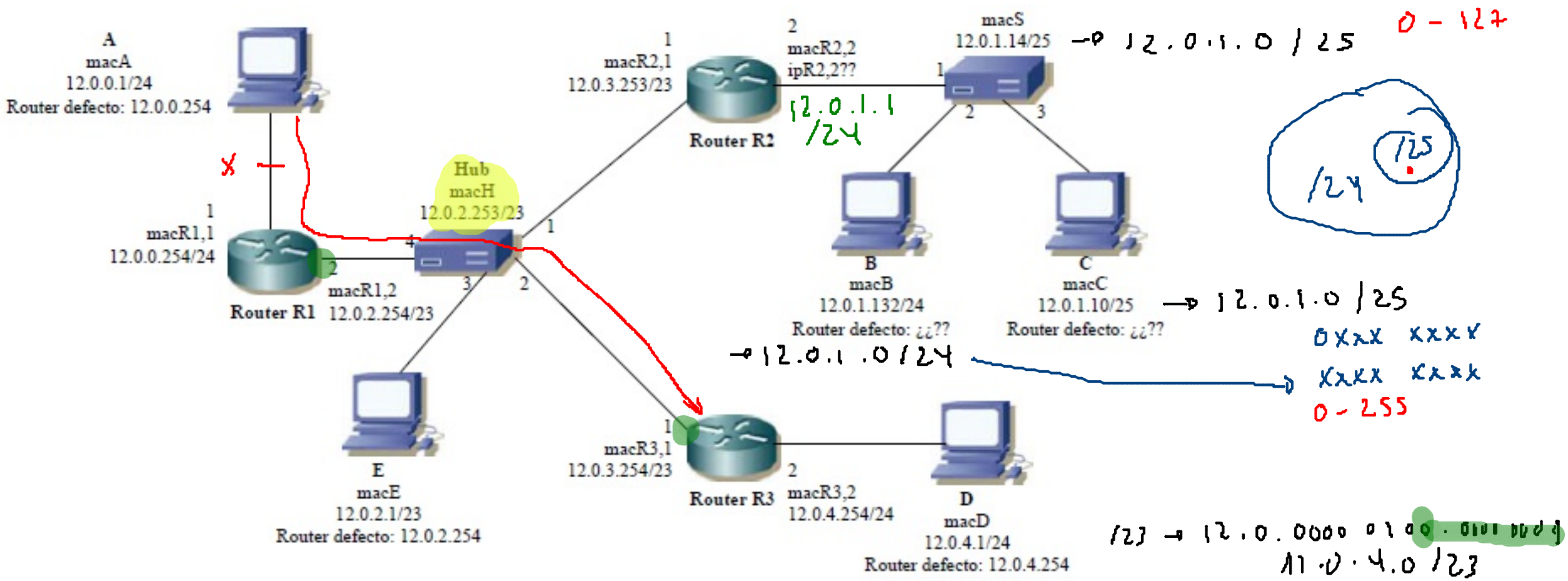


R1: tabla de rutas

Red	Interfaz	Sig. Salto
12.0.0.0/24	1	-
RedSwitch	2	12.0.3.253
12.0.2.0/23	2	-
12.0.4.0/24	2	12.0.3.254

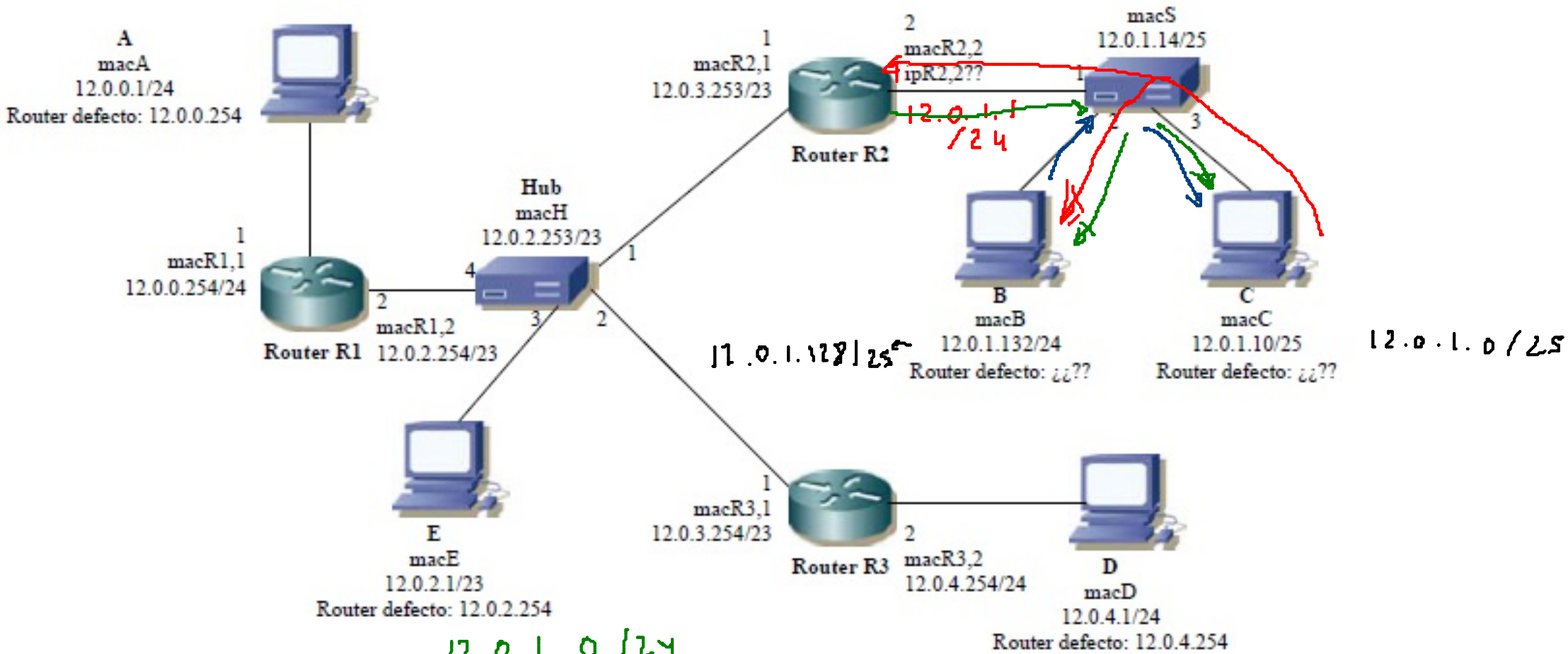
R2: tabla de rutas

Red	Interfaz	Sig. Salto
12.0.0.0/24	1	12.0.2.254
RedSwitch	2	-
12.0.2.0/23	1	-
12.0.4.0/24	1	12.0.3.254

R3: tabla de rutas

Red	Interfaz	Sig. Salto
12.0.0.0/24	1	12.0.2.254
RedSwitch	1	12.0.2.254
12.0.2.0/23	1	-
12.0.4.0/24	2	-

SRC.	MAC$_0$	MAC$_1$	IP$_0$	IP$_d$
X	MACA	MACR1,1	IP A	IP D
HUB	MACH,2	MAC R3,1	IP A	IP D



R1: tabla de rutas

Red	Interfaz	Sig. Salto
12.0.0.0/24	1	-
RedSwitch	2	12.0.3.253
12.0.2.0/23	2	-
12.0.4.0/24	2	12.0.3.254

R2: tabla de rutas

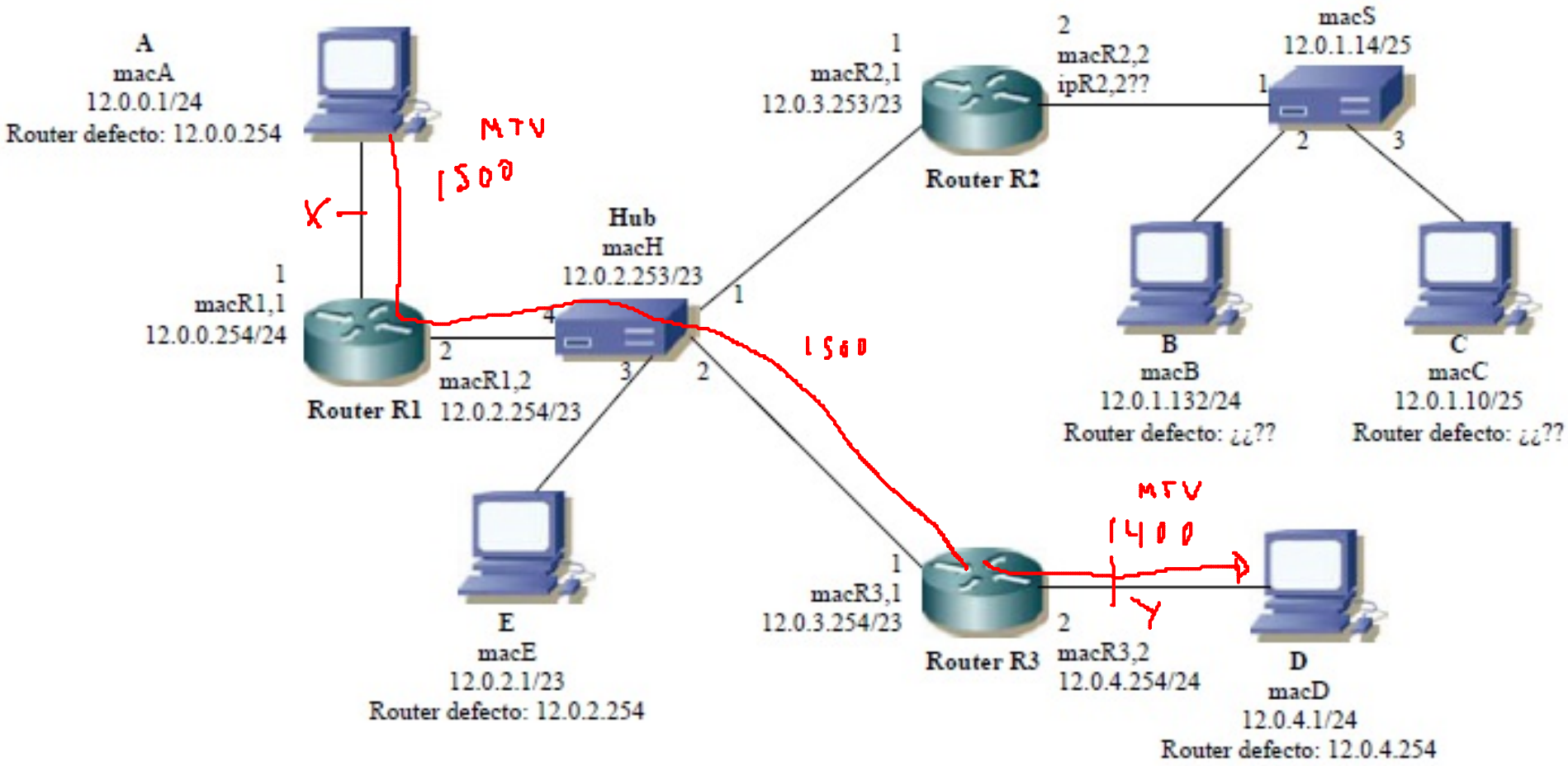
Red	Interfaz	Sig. Salto
12.0.0.0/24	1	12.0.2.254
RedSwitch	2	-
12.0.2.0/23	1	-
12.0.4.0/24	1	12.0.3.254

R3: tabla de rutas

Red	Interfaz	Sig. Salto
12.0.0.0/24	1	12.0.2.254
RedSwitch	1	12.0.2.254
12.0.2.0/23	1	-
12.0.4.0/24	2	-

d) C → B

	Puertos IN	OUT	MAC o	MAC d	IP o	IP d
	3	1, 2	MAC C	MAC R2,2	IP C	IP B
	1	2, 3	MAC R2, 2	MAC B	IP C	IP B
RESPUESTA	2	3	MAC B	MAC C	IP B	IP C



R1: tabla de rutas

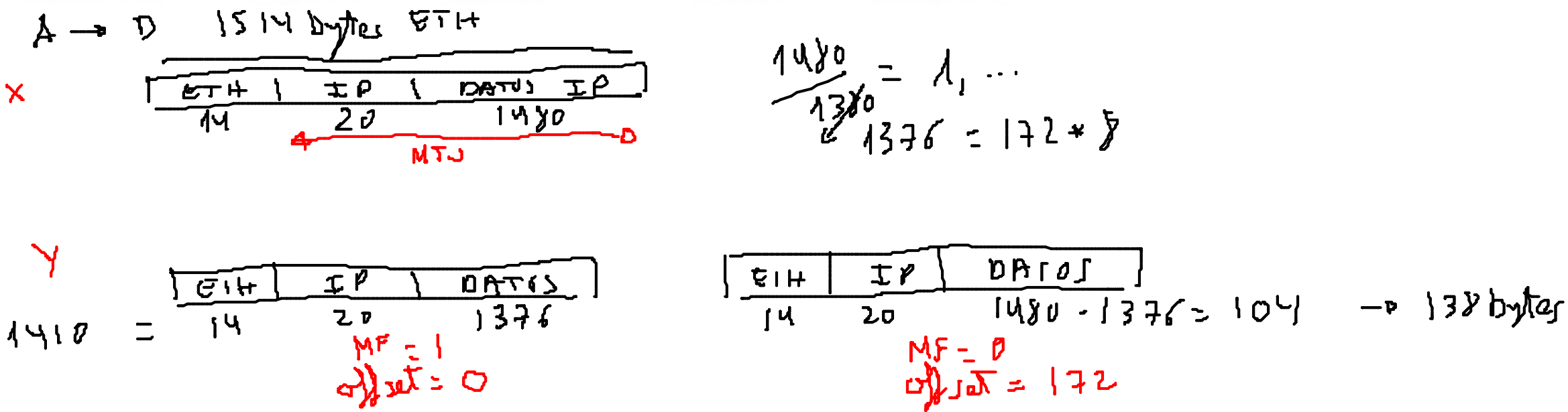
Red	Interfaz	Sig. Salto
12.0.0.0/24	1	-
RedSwitch	2	12.0.3.253
12.0.2.0/23	2	-
12.0.4.0/24	2	12.0.3.254

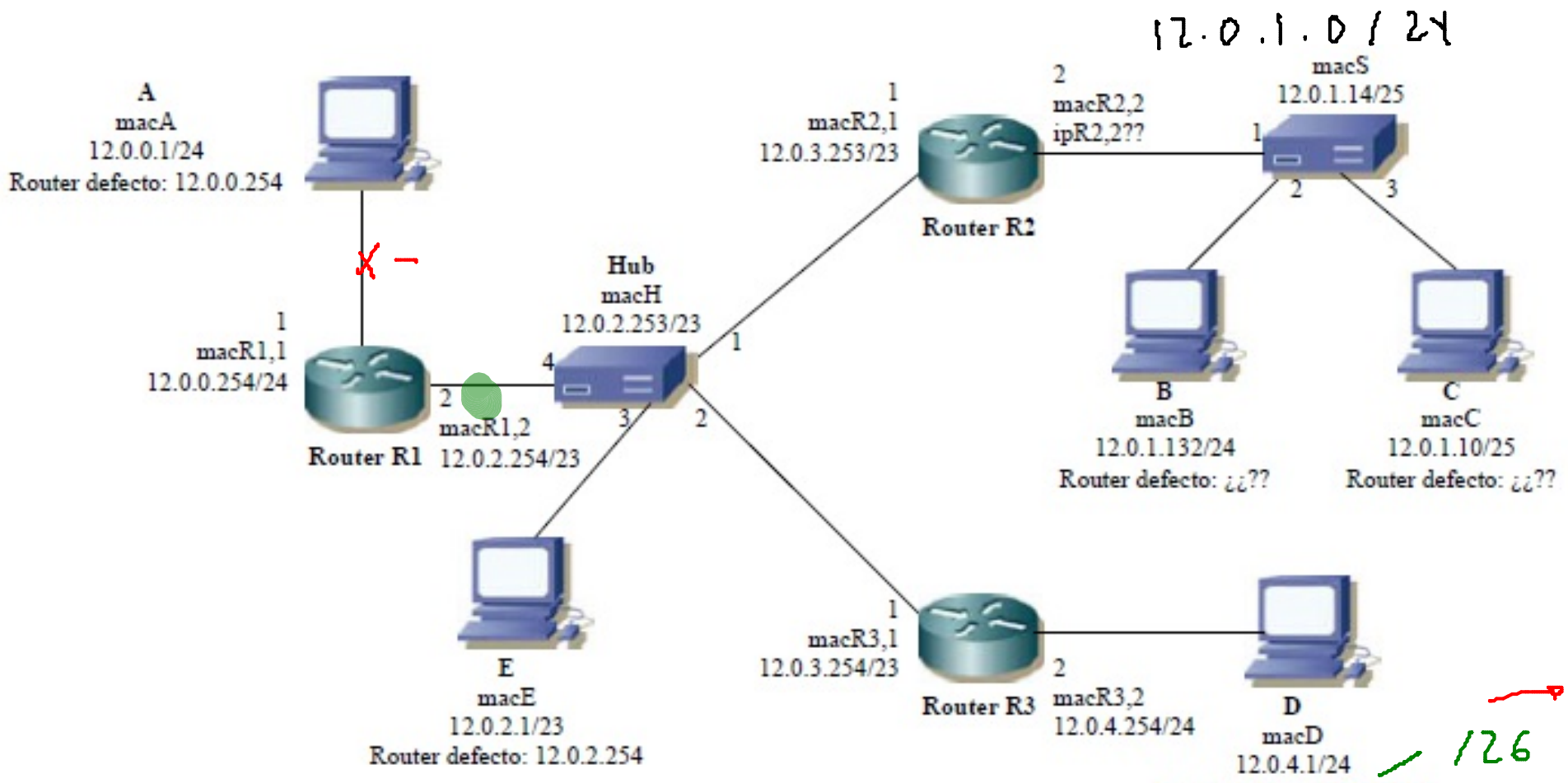
R2: tabla de rutas

Red	Interfaz	Sig. Salto
12.0.0.0/24	1	12.0.2.254
RedSwitch	2	-
12.0.2.0/23	1	-
12.0.4.0/24	1	12.0.3.254

R3: tabla de rutas

Red	Interfaz	Sig. Salto
12.0.0.0/24	1	12.0.2.254
RedSwitch	1	12.0.2.254
12.0.2.0/23	1	-
12.0.4.0/24	2	-





R1: tabla de rutas

Red	Interfaz	Sig. Salto
12.0.0.0/24	1	-
RedSwitch	2	12.0.3.253
12.0.2.0/23	2	-
12.0.4.0/24	2	12.0.3.254

R2: tabla de rutas

Red	Interfaz	Sig. Salto
12.0.0.0/24	1	12.0.2.254
RedSwitch	2	-
12.0.2.0/23	1	-
12.0.4.0/24	1	12.0.3.254

R3: tabla de rutas

Red	Interfaz	Sig. Salto
12.0.0.0/24	1	12.0.2.254
RedSwitch	1	12.0.2.254
12.0.2.0/23	1	-
12.0.4.0/24	2	-

255.255.255.255 a)

A → 12.0.3.255 b)

c)

	MAC o	MAC d	IP o	IP d
X	MAC A	FF:FF:FF:FF:FF:FF	IP A	255.255.255.255
b) X	MAC A	MAC R1,1	IP A	12.0.3.255
HUB	MAC R1,2	FF:FF:FF:FF:FF:FF	IP A	12.0.3.255