Ejercicios

de

Redes de Ordenadores

Tema 9: Nivel de Red
Ejercicio 14 Resuelto

Written by

Ingteleco

http://ingteleco.iespana.es

ingtelecoweb@hotmail.com

La dirección URL puede sufrir modificaciones en el futuro. Si no funciona contacta por email

Router R3

DESTINO	MÁSCARA	SIG. SALTO	INTERFAZ
0.0.0.0	0.0.0.0	10.1.0.1	10.1.0.2
10.1.0.0	255.255.255.252	10.1.0.2	10.1.0.2
10.1.0.2	255.255.255.255	127.0.0.1	127.0.0.1
192.168.30.128	255.255.255.192	192.168.30.129	192.168.30.129
192.168.30.129	255.255.255.255	127.0.0.1	127.0.0.1
192.168.30.192	255.255.255.192	192.168.30.194	192.168.30.194
192.168.30.194	255.255.255.255	127.0.0.1	127.0.0.1
224.0.0.0	224.0.0.0	10.1.0.2	10.1.0.2
255.255.255.255	255.255.255.255	10.1.0.2	10.1.0.2

Router R1

DESTINO	MÁSCARA	SIG. SALTO	INTERFAZ
0.0.0.0	0.0.0.0	130.206.100.16	130.206.100.16
130.206.100.?	?	?	?
130.206.100.16	255.255.255.255	130.206.100.16	130.206.100.16
192.168.29.0	255.255.255.0	192.168.29.1	192.168.29.1
192.168.29.1	255.255.255.255	127.0.0.1	127.0.0.1
10.1.0.8	255.255.255.252	10.1.0.10	10.1.0.10
10.1.0.10	255.255.255.255	127.0.0.1	127.0.0.1
224.0.0.0	224.0.0.0	130.206.100.16	130.206.100.16
255.255.255.255	255.255.255.255	130.206.100.16	130.206.100.16

Router R2

DESTINO	MÁSCARA	SIG. SALTO	INTERFAZ
0.0.0.0	0.0.0.0	192.168.29.1	192.168.29.2
192.168.29.0	255.255.255.0	192.168.29.2	192.168.29.2
192.168.29.2	255.255.255.255	127.0.0.1	127.0.0.1
10.1.0.0	255.255.255.192	10.1.0.1	10.1.0.1
10.1.0.1	255.255.255.255	127.0.0.1	127.0.0.1
192.168.30.0	255.255.255.192	192.168.30.1	192.168.30.1
192.168.30.1	255.255.255.255	127.0.0.1	127.0.0.1
224.0.0.0	224.0.0.0	192.168.29.2	192.168.29.2
255.255.255.255	255.255.255.255	192.168.29.2	192.168.29.2

Router R4

DESTINO	MÁSCARA	SIG. SALTO	INTERFAZ
0.0.0.0	0.0.0.0	192.168.33.3	192.168.33.2
192.168.33.0	255.255.255.0	192.168.33.2	192.168.33.2
192.168.33.2	255.255.255.255	127.0.0.1	127.0.0.1
192.168.30.192	255.255.255.192	192.168.30.192	192.168.30.192
192.168.30.192	255.255.255.255	127.0.0.1	127.0.0.1
224.0.0.0	224.0.0.0	192.168.33.2	192.168.33.2
255.255.255.255	255.255.255.255	192.168.33.2	192.168.33.2

Router R5

DESTINO	MÁSCARA	SIG. SALTO	INTERFAZ
0.0.0.0	0.0.0.0	10.1.0.10	10.1.0.9
10.1.0.8	255.255.255.252	10.1.0.9	10.1.0.9
10.1.0.9	255.255.255.255	127.0.0.1	127.0.0.1
192.168.33.0	255.255.255.0	192.168.33.3	192.168.33.3
192.168.33.3	255.255.255.255	127.0.0.1	127.0.0.1
224.0.0.0	224.0.0.0	10.1.0.9	10.1.0.9
255.255.255.255	255.255.255.255	10.1.0.9	10.1.0.9

Router H1

DESTINO	MÁSCARA	SIG. SALTO	INTERFAZ
0.0.0.0	0.0.0.0	192.168.30.1	192.168.30.2
192.168.30.0	255.255.255.192	192.168.30.2	192.168.30.2
192.168.30.2	255.255.255.255	127.0.0.1	127.0.0.1
224.0.0.0	224.0.0.0	192.168.30.2	192.168.30.2
255.255.255.255	255.255.255.255	192.168.30.2	192.168.30.2

Router H2

DESTINO	MÁSCARA	SIG. SALTO	INTERFAZ
0.0.0.0	0.0.0.0	192.168.30.129	192.168.30.130
192.168.30.128	255.255.255.192	192.168.30.130	192.168.30.130
192.168.30.130	255.255.255.255	127.0.0.1	127.0.0.1
224.0.0.0	224.0.0.0	192.168.30.130	192.168.30.130
255.255.255.255	255.255.255.255	192.168.30.130	192.168.30.130