

R1 Dest	Mask	Gateway	Intf
10.0.0.0	/24	0.0.0.0	Gig0/0
192.168.2.0	/24	0.0.0.0	Se0/1/0
192.168.1.0	/24	0.0.0.0	Se0/1/1
0.0.0.0	/0	192.168.2.254	Se0/1/1

R3 Dest	Mask	Gateway	Intf
192.168.3.0	/24	0.0.0.0	Se0/1/1
192.168.2.0	/24	0.0.0.0	Se0/1/0
0.0.0.0	/0	192.168.3.254	Se0/1/1

R2 Dest	Mask	Gateway	Intf
192.168.1.0	/24	0.0.0.0	Se0/1/1
192.168.3.0	/24	0.0.0.0	Se0/1/0
10.0.4.0	/22	0.0.0.0	Gig0/0
0.0.0.0	/0	192.168.1.1	Se0/1/1

R4 Dest	Mask	Gateway	Intf
10.0.3.0	/30	0.0.0.0	Gig0/0
10.0.8.0	/24	0.0.0.0	Gig0/1
0.0.0.0	/0	10.0.3.1	Gig0/0

[Packet Tracer Solution\(download\)](#)

1. Give the output of a *tracert* 10.0.8.5 (command) executed on host 10.0.0.5 !
2. Explain the result !
3. What happens if on R2 you change the route 10.0.4.0 /22 in 10.0.8.0/24 ?

