Before static routing:

```
Packet Tracer PC Command Line 1.0
PC>ping 40.0.0.1

Pinging 40.0.0.1 with 32 bytes of data:

Reply from 10.0.0.2: Destination host unreachable.

Ping statistics for 40.0.0.1:
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

After static routing:

```
PC>ping 40.0.0.1

Pinging 40.0.0.1 with 32 bytes of data:

Reply from 40.0.0.1: bytes=32 time=8ms TTL=125

Reply from 40.0.0.1: bytes=32 time=5ms TTL=125

Reply from 40.0.0.1: bytes=32 time=6ms TTL=125

Reply from 40.0.0.1: bytes=32 time=7ms TTL=125

Ping statistics for 40.0.0.1:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 5ms, Maximum = 8ms, Average = 6ms
```

IP route:

```
Router>show ip route

Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP

D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area

N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2

E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP

i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area

* - candidate default, U - per-user static route, o - ODR

P - periodic downloaded static route

Gateway of last resort is not set

C 10.0.0.0/8 is directly connected, FastEthernet0/0

C 20.0.0.0/8 is directly connected, Serial2/0

S 30.0.0.0/8 [1/0] via 20.0.0.2

S 40.0.0.0/8 [1/0] via 30.0.0.2

[1/0] via 20.0.0.2

Router>
```

Simulation:

Vis.	Time(sec)	Last Device	At Device	Type	Info
	0.000		PC0	ICMP	
	0.001	PC0	Router0	ICMP	
	0.002	Router0	Router1	ICMP	
	0.003	Router1	Router3	ICMP	
	0.004	Router3	PC2	ICMP	
	0.005	PC2	Router3	ICMP	
	0.006	Router3	Router1	ICMP	
	0.007	Router1	Router0	ICMP	
(9)	0.008	Router0	PC0	ICMP	

Procedure:

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	Bleceduse
- 4	Connect the slower to router wing scrift cabi
4	Courset the source and to or any end devices
	cering one extremet cable.
	And design and design
*	Set the IP address for the end device which
	is in network 10.0.0.0 and in the network
	20.0.0.0.
*	Now allt on the xoutest and select CtI
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	continue with configuration dialog? (4es mo): wo
	Koutest > chable
	Rocatest# config tourninal
- 1	Every configuration commande an pendiene
- 11	Rontes (confry) # interface facto Pacities (confry - ex) # in addition 10-0-0.2 255.0.0.0
- 1	Fouter (config. of) #10 shutdown
- 1	
- 1	Poutes (config-1)# Tolonged: Tolonger Fast struct 0/0, das
	Stope at the
11 -	To Nine Pointo - 5 - Urdown Lew protocol on Jedonface Fas
- 11	Exturnet 0/0, aranged state to ap.
	Race en (angig) # Puteryace Serials 10
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	Routed (config - if) # ip adole w 20.0.0.1 255.000
	20m es (config - 4) # no shutdown
	Pouter(configue) #
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11 .	to up.
11 1	Edenopowto supdown: Who protocol on sworface
- 11	seowals/0, changed state toup
Ro	uter#8how proute
* Per	peat he same steps for the oust of quel
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	' statistics			
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Raiter Raiter Router	config) # ip rout	te 10-0-0-0	255.0.0.0	2000000
Raiter Raiter Router Router	contra) It is rout	te 10-0-0-0	255.0.0.0	30.0.00