Two Routers

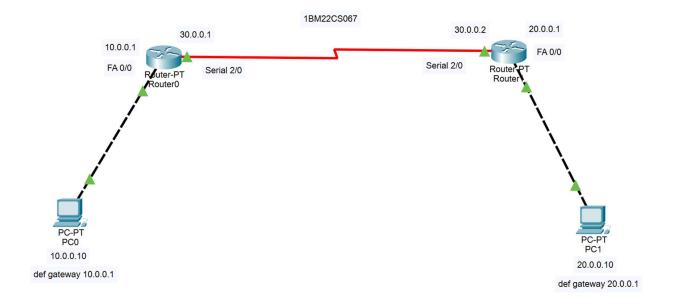
Configure IP address to routers in packet tracer. Explore the following messages: ping responses, destination unreachable, request timed out, reply

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(6) Router I config of CLIO
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interface fast ellerance Ilo
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- Routh I -> CLI ->
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10 address 30.0.0.1 255.0.0
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- Repeat for Router 2-)
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- 110 adhar 30 00
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enit 235.0.0.0 30.0.0.2

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1	Repeat same to Kouley 2 -> CLS->
	enable
	config forminal
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1	exit. Dates a hours
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-	@ select RO - Desktop - Command prompt -> Fing
-	(up address of PC and nouters)
-	Charles and Alberton whenh is all a discussion
-	When we I'm try to ping usg to fook 2 or
-	When we In take but will to form 5 si
1	PCI from PCO we will get a mag saying timed out and unreachable bed for RouterI
-	timed but and unreachable hed to toutes
	It will successfully reach because it identifies
	Pouter 1 but it count recognise router 2 es
All Als	PCT Market Marke
	We have to manually do it and tell Router I that
	South 2 exist and rice years with (8) command
	X tolan
1	Plan
-	Be exel
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	unreachable x4
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-	ping 30.0.0.2
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Command Prompt

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Cisco Packet Tracer PC Command Line 1.0
C:\>ping 20.0.0.10
Pinging 20.0.0.10 with 32 bytes of data:
Reply from 10.0.0.1: Destination host unreachable.
Reply from 10.0.0.1: Destination host unreachable.
Request timed out.
Reply from 10.0.0.1: Destination host unreachable.
Ping statistics for 20.0.0.10:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\>ping 30.0.0.2
Pinging 30.0.0.2 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Ping statistics for 30.0.0.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\>ping 30.0.0.1
Pinging 30.0.0.1 with 32 bytes of data:
Reply from 30.0.0.1: bytes=32 time<1ms TTL=255
Ping statistics for 30.0.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>
```

```
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
     10.0.0.0/8 [1/0] via 30.0.0.1
C
      20.0.0.0/8 is directly connected, FastEthernet0/0
C
     30.0.0.0/8 is directly connected, Serial2/0
Router#
Router#show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
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      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
      \star - candidate default, U - per-user static route, o - ODR
      P - periodic downloaded static route
Gateway of last resort is not set
   10.0.0.0/8 is directly connected, FastEthernet0/0
    20.0.0.0/8 [1/0] via 30.0.0.2
    30.0.0.0/8 is directly connected, Serial2/0
```

Router#

Command Prompt

```
C:\>ping 20.0.0.10
Pinging 20.0.0.10 with 32 bytes of data:
Request timed out.
Reply from 20.0.0.10: bytes=32 time=20ms TTL=126
Reply from 20.0.0.10: bytes=32 time=15ms TTL=126
Reply from 20.0.0.10: bytes=32 time=20ms TTL=126
Ping statistics for 20.0.0.10:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 15ms, Maximum = 20ms, Average = 18ms
C:\>ping 20.0.0.10
Pinging 20.0.0.10 with 32 bytes of data:
Reply from 20.0.0.10: bytes=32 time=15ms TTL=126
Reply from 20.0.0.10: bytes=32 time=13ms TTL=126
Reply from 20.0.0.10: bytes=32 time=16ms TTL=126
Reply from 20.0.0.10: bytes=32 time=13ms TTL=126
Ping statistics for 20.0.0.10:
   Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
   Minimum = 13ms, Maximum = 16ms, Average = 14ms
C:\>ping 30.0.0.2
Pinging 30.0.0.2 with 32 bytes of data:
Reply from 30.0.0.2: bytes=32 time=27ms TTL=254
Reply from 30.0.0.2: bytes=32 time=15ms TTL=254
Reply from 30.0.0.2: bytes=32 time=16ms TTL=254
Reply from 30.0.0.2: bytes=32 time=13ms TTL=254
Ping statistics for 30.0.0.2:
   Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 13ms, Maximum = 27ms, Average = 17ms
```

```
C:\>ping 30.0.0.1
Pinging 30.0.0.1 with 32 bytes of data:

Reply from 30.0.0.1: bytes=32 time<1ms TTL=255
Ping statistics for 30.0.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms</pre>
C:\>
```