

Cisco Packet Tracer Student

File Edit Options View Tools Extensions Help

Logical [Root] New Cluster Move Object Set Tiled Background Viewport

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

Router-1

Physical Config CLI

IOS Command Line Interface

Continue with configuration dialog? [yes/no]: n

Press RETURN to get started!

```
Router>enable
Router>configure terminal
Router configuration commands, one per line. End with CNTL/Z.
Router(config)#interface Fa0/0
Router(config-if)#ip address 10.0.0.2 255.0.0.0
Router(config-if)#no shutdown
Router(config-if)#exit
Router(config)#interface Serial0/0
Router(config-if)#ip address 20.0.0.1 255.0.0.0
Router(config-if)#no shutdown
Router(config-if)#exit
Router>
```

Time: 00:52:49 Power Cycle Devices Fast Forward Time

Scenario 0 Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Toggle PDU List Window

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

Router-1

Physical Config CLI

IOS Command Line Interface

```
Router>show ip route
Codes: C - connected, S - static, I - ISDP, 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, S - BGP
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, Serial0/0

Router>enable
Router>configure terminal
Router configuration commands, one per line. End with CNTL/Z.
Router(config)#ip route 40.0.0.0 255.0.0.0 20.0.0.2
Router(config)#exit
Router>
RIPD-1-COFIG_1: Configured from console by console

Router>show ip route
Codes: C - connected, S - static, I - ISDP, 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, S - BGP
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
```

Time: 00:53:06 Power Cycle Devices Fast Forward Time

Scenario 0 Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Toggle PDU List Window

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File Edit Options View Tools Extensions Help

Logical [Root] New Cluster Move Object Set Tiled Background Viewport

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

Router-2

Physical Config CLI

IOS Command Line Interface

Continue with configuration dialog? (yes/no): no

Press RETURN to get started!

```
Router>enable
Router>configure terminal
Enter configuration commands, one per line. End with CTRL/Z.
Router(config)#interface Serial0/0
Router(config-if)#ip address 20.0.0.2 255.0.0.0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-3-CHANGED: Interface Serial2/0, changed state to up
Router(config-if)#exit
Router(config)#interface Serial0/1
%LINK-3-CHANGED: Line protocol on Interface Serial2/0, changed st
Router(config-if)#ip address 30.0.0.1 255.0.0.0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-3-CHANGED: Interface Serial3/0, changed state to up
Router(config-if)#exit
%LINK-3-CHANGED: Line protocol on Interface Serial3/0, changed state to up
```

Copy Paste

Time: 00:53:34 Power Cycle Devices Fast Forward Time

Connections

Scenario 0

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Toggle PDU List Window

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Cisco Packet Tracer Student

File Edit Options View Tools Extensions Help

Logical [Root] New Cluster Move Object Set Tiled Background Viewport

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

Router-2

Physical Config CLI

IOS Command Line Interface

Router>show ip route

```
Codes: C - connected, S - static, I - IGMP, B - BGP, H - mobile, W - WSP
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, s - 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 20.0.0.0/0 is directly connected, Serial2/0
C 30.0.0.0/0 is directly connected, Serial3/0
Router>enable
Router>configure terminal
Enter configuration commands, one per line. End with CTRL/Z.
Router(config)#ip route 40.0.0.0 0.0.0.0 30.0.0.2
Router(config)#exit
Router>
N370-S-COMP25_1: Configured from console by console
Router>show ip route
Codes: C - connected, S - static, I - IGMP, B - BGP, H - mobile, W - WSP
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, s - IS-IS inter area
* - candidate default, U - per-user static route, o - ODR
P - periodic downloaded static route
```

Copy Paste

Time: 00:53:48 Power Cycle Devices Fast Forward Time

Connections

Scenario 0

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

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Logical [Root] New Cluster Move Object Set Tiled Background Viewport

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

Router-2

Physical Config CLI

IOS Command Line Interface

Gateway of last resort is not set

```
C 20.0.0.0/8 is directly connected, Serial2/0
C 20.0.0.0/8 is directly connected, Serial3/0
C 40.0.0.0/8 (1/0) via 20.0.0.2
Router#enable
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#ip route 10.0.0.0 255.0.0.0 20.0.0.1
Router(config)#exit
Router#
RTSP-S-COMPIS_1: Configured from console by console

Router#show ip route
Codes: C - connected, S - static, I - IGMP, B - BGP, H - 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
R 10.0.0.0/8 (1/0) via 20.0.0.1
C 20.0.0.0/8 is directly connected, Serial2/0
C 20.0.0.0/8 is directly connected, Serial3/0
C 40.0.0.0/8 (1/0) via 20.0.0.2
Router#
```

Time: 00:54:06 Power Cycle Devices Fast Forward Time

Scenario 0 Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Toggle PDU List Window

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File Edit Options View Tools Extensions Help

Logical [Root] New Cluster Move Object Set Tiled Background Viewport

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

Router-2

Physical Config CLI

IOS Command Line Interface

```
Router#show ip route
Codes: C - connected, S - static, I - IGMP, B - BGP, H - 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
R 10.0.0.0/8 (1/0) via 20.0.0.1
C 20.0.0.0/8 is directly connected, Serial2/0
C 20.0.0.0/8 is directly connected, Serial3/0
C 40.0.0.0/8 (1/0) via 20.0.0.2
Router#

KLINEPROTO-S-OPDOWN: Interface Serial3/0, changed state to down
KLINEPROTO-S-OPDOWN: Line protocol on Interface Serial3/0, changed state to down
KLINE-S-CHANGED: Interface Serial3/0, changed state to up
KLINEPROTO-S-OPDOWN: Line protocol on Interface Serial3/0, changed state to up
```

Time: 00:54:10 Power Cycle Devices Fast Forward Time

Scenario 0 Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Toggle PDU List Window

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Cisco Packet Tracer Student

File Edit Options View Tools Extensions Help

Logical [Root] New Cluster Move Object Set Tiled Background Viewport

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

Router  
R0  
Fa 10  
PC-PT  
10.0.0.1  
IP: 10.0.0.1  
Gateway: 10.0.0.2

10.0.0.1

Physical Config Desktop Custom Interface

Command Prompt

```
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.
Reply from 10.0.0.2: Destination host unreachable.
Request timed out.
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),

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.
Reply from 10.0.0.2: Destination host unreachable.
Reply from 10.0.0.2: Destination host unreachable.
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),

PC>ping 30.0.0.2

Pinging 30.0.0.2 with 32 bytes of data:
```

Time: 00:55:37 Power Cycle Devices Fast Forward Time

Scenario 0 Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

New Delete

Toggle PDU List Window

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Cisco Packet Tracer Student

File Edit Options View Tools Extensions Help

Logical [Root] New Cluster Move Object Set Tiled Background Viewport

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

Router  
R0  
Fa 10  
PC-PT  
10.0.0.1  
IP: 10.0.0.1  
Gateway: 10.0.0.2

10.0.0.1

Physical Config Desktop Custom Interface

Command Prompt

```
PC>ping 30.0.0.2

Pinging 30.0.0.2 with 32 bytes of data:
Reply from 10.0.0.2: Destination host unreachable.
Reply from 10.0.0.2: Destination host unreachable.
Reply from 10.0.0.2: Destination host unreachable.
Reply from 10.0.0.2: Destination host unreachable.

Ping statistics for 30.0.0.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

PC>ping 30.0.0.1

Pinging 30.0.0.1 with 32 bytes of data:
Reply from 10.0.0.2: Destination host unreachable.
Reply from 10.0.0.2: Destination host unreachable.
Request timed out.
Reply from 10.0.0.2: Destination host unreachable.

Ping statistics for 30.0.0.1:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

PC>ping 20.0.0.1

Pinging 20.0.0.1 with 32 bytes of data:
```

Time: 00:56:06 Power Cycle Devices Fast Forward Time

Scenario 0 Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

New Delete

Toggle PDU List Window

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ENG IN 14:46 30-06-2023