เฉลยแล็ป Packet Activity

CCNA LAB 4-1: IP Routing – Static and Default Route

[ตั้งค่าที่ Ranet HQ (คลิกที่เครื่อง console)] :

(ไปยังแท็บ Desktop > คลิก Terminal > กด OK)

```
Ranet-HQ>en

Ranet-HQ#conf t

Enter configuration commands, one per line.  End with CNTL/Z.

Ranet-HQ(config)#int fa0/0

Ranet-HQ(config-if)#no sh


%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Ranet-HQ(config-if)#ip add 52.7.9.206 255.255.255.240

Ranet-HQ(config-if)#int s0/0/0

Ranet-HQ(config-if)#no sh


%LINK-5-CHANGED: Interface Serial0/0/0, changed state to down

Ranet-HQ(config-if)#ip add 52.7.9.221 255.255.255.252

Ranet-HQ(config-if)#int s0/1/0

Ranet-HQ(config-if)#no sh


%LINK-5-CHANGED: Interface Serial0/1/0, changed state to up

Ranet-HQ(config-if)#

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/1/0, changed state to up

Ranet-HQ(config-if)#ip add 77.7.7.254 255.255.255.252

Ranet-HQ(config-if)#exit

Ranet-HQ(config)#ip route 52.7.9.208 255.255.255.248 se0/0/0

Ranet-HQ(config)#ip route 0.0.0.0 0.0.0.0 se0/1/0

Ranet-HQ(config)#

Ranet-HQ#

%SYS-5-CONFIG_I: Configured from console by console

Ranet-HQ#sh 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 0.0.0.0 to network 0.0.0.0


    52.0.0.0/28 is subnetted, 1 subnets
C      52.7.9.192 is directly connected, FastEthernet0/0
    77.0.0.0/30 is subnetted, 1 subnets
C      77.7.7.252 is directly connected, Serial0/1/0
S*  0.0.0.0/0 is directly connected, Serial0/1/0
Ranet-HQ#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
Ranet-HQ#
```

[ตั้งค่าที่ Ranet BR (คลิกที่เครื่อง console)] :

(ไปยังแท๊บ Desktop > คลิก Terminal > กด OK)

```
Ranet-BR>en
Ranet-BR#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Ranet-BR(config)#int fa0/0
Ranet-BR(config-if)#no sh


%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
Ranet-BR(config-if)#ip add 52.7.9.214 255.255.255.248
Ranet-BR(config-if)#int s0/0/0
Ranet-BR(config-if)#no sh


%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up
```

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```
Ranet-BR(config-if)#clock rate 64000

Ranet-BR(config-if)#

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed state to up

Ranet-BR(config-if)#ip add 52.7.9.222 255.255.255.252

Ranet-BR(config-if)#exit

Ranet-BR(config)#ip route 52.7.9.192 255.255.255.240 s0/0/0

Ranet-BR(config)#ip route 0.0.0.0 0.0.0.0 se0/0/0

Ranet-BR(config)#

Ranet-BR#

%SYS-5-CONFIG_I: Configured from console by console

Ranet-BR#sh 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 0.0.0.0 to network 0.0.0.0


    52.0.0.0/8 is variably subnetted, 3 subnets, 3 masks

S    52.7.9.192/28 is directly connected, Serial0/0/0

C    52.7.9.208/29 is directly connected, FastEthernet0/0

C    52.7.9.220/30 is directly connected, Serial0/0/0

S*  0.0.0.0/0 is directly connected, Serial0/0/0

Ranet-BR#copy run start

Destination filename [startup-config]?

Building configuration...

[OK]

Ranet-BR#
```

[ไปยังเครื่อง Host1] :

(ไปยังแท็บ Desktop > คลิกไอคอน Command Prompt)

```
Packet Tracer PC Command Line 1.0

PC>ping 52.7.9.210
```

Pinging 52.7.9.210 with 32 bytes of data:

Request timed out.

Reply from 52.7.9.210: bytes=32 time=8ms TTL=126

Reply from 52.7.9.210: bytes=32 time=5ms TTL=126

Reply from 52.7.9.210: bytes=32 time=6ms TTL=126

Ping statistics for 52.7.9.210:

    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),

Approximate round trip times in milli-seconds:

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

PC>ping 72.76.5.3

Pinging 72.76.5.3 with 32 bytes of data:

Request timed out.

Reply from 72.76.5.3: bytes=32 time=15ms TTL=126

Reply from 72.76.5.3: bytes=32 time=7ms TTL=126

Reply from 72.76.5.3: bytes=32 time=13ms TTL=126

Ping statistics for 72.76.5.3:

    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),

Approximate round trip times in milli-seconds:

    Minimum = 7ms, Maximum = 15ms, Average = 11ms

PC>

[ไปยังเครื่อง Host2] :

(ไปยังแท็บ Desktop > คลิกไอคอน Command Prompt)

Packet Tracer PC Command Line 1.0

PC>ping 52.7.9.200

Pinging 98.83.165.70 with 32 bytes of data:

Reply from 52.7.9.200: bytes=32 time=13ms TTL=126

Reply from 52.7.9.200: bytes=32 time=10ms TTL=126

Reply from 52.7.9.200: bytes=32 time=11ms TTL=126

Reply from 52.7.9.200: bytes=32 time=11ms TTL=126

Ping statistics for 52.7.9.200:

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

Approximate round trip times in milli-seconds:

   Minimum = 10ms, Maximum = 13ms, Average = 11ms

PC>ping 72.76.5.3

Pinging 72.76.5.3 with 32 bytes of data:

Reply from 72.76.5.3: bytes=32 time=18ms TTL=125

Reply from 72.76.5.3: bytes=32 time=20ms TTL=125

Reply from 72.76.5.3: bytes=32 time=21ms TTL=125

Reply from 72.76.5.3: bytes=32 time=12ms TTL=125

Ping statistics for 72.76.5.3:

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

Approximate round trip times in milli-seconds:

   Minimum = 12ms, Maximum = 21ms, Average = 17ms

PC>