

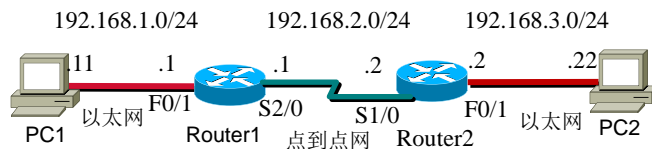


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## 【实验题目】静态路由实验

【实验目的】掌握静态路由的配置和使用方法。

## 【实验拓扑】



## 【实验命令】

### ■ 查看接口状态

```
#show interface
#show ip interface brief
#show ip interface f0/1
```

### ■ 配置 IP 地址和子网掩码

```
(config)#interface serial 1/2 !进行接口模式
(config-if)#ip address 192.168.1.11 255.255.255.0 !配置接口的 IP 地址和子网掩码
```

### ■ 配置串口时钟和带宽

```
(config-if)#clock rate 64000 !配置时钟频率 64000（在 DCE 上配置，DTE 不用配置）
(config-if)#bandwidth 512 !配置端口的带宽速率为 512KB
```

### ■ 配置静态路由

```
(config)#ip route network net-mask next-hop !next-hop 可以为转发的串行接口名或下一跳的 IP 地址
例: ip route 192.168.3.0 255.255.255.0 192.168.2.2
      ip route 192.168.3.0 255.255.255.0 S2/0
```

### ■ 显示路由表

```
#show ip route
```

### ■ 配置静态路由参数

```
(config)#ip route network net-mask next-hop [distance] [weight number] [disable|enable]
! distance 设置管理距离（默认为 1），weight 为权重。
! 将 distance 设置为一个大的值(例如，125。这大于 OSPF 的 110)可以作为备份路由。
```

### ■ 配置默认路由

```
(config)#ip route 0.0.0.0 0.0.0.0 next-hop
例: ip route 0.0.0.0 0.0.0.0 192.168.2.1
```

## 【实验说明】

- 配置前先重启路由器#reload
- 参与 ping 的主机要删除校园网网关。
- 注意关闭 Windows 的防火墙

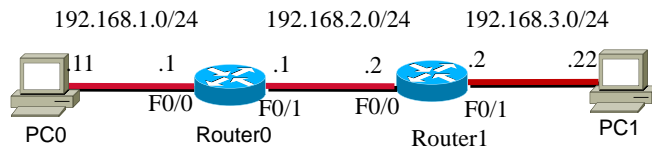


以太网线



串行电缆线

## 【实验任务】



由于实际上所用的接口名不一定是上面标明的，先用#show ip interface brief 查看接口名，并根据实际接线修改上图的接口和 IP 地址标记。

配置好 PC 机的 IP 地址、子网掩码和默认网关，按下面步骤依次进行配置和测试（注意保存一些步骤的 pkt）：

(1) (static1.pkt)配置 Router0 和 Router1 的 IP 地址和子网掩码（见上面“实验命令”）。

[1a. 显示 Router0 的路由表并截屏]

```
Router0#sh ip rou
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    192.168.1.0/24 is directly connected, FastEthernet0/0
C    192.168.2.0/24 is directly connected, FastEthernet0/1
```

[1b. 显示 Router1 的路由表并截屏]

```
Router1#sh ip rou
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    192.168.3.0/24 is directly connected, FastEthernet0/0
C    192.168.3.0/24 is directly connected, FastEthernet0/1
```

[1c. PC0 依次 ping 到 PC1 路径上的所有 IP 地址，并截屏]

```
PC#ping 192.168.1.1
Pinging 192.168.1.1 with 32 bytes of data:
Reply from 192.168.1.1: bytes=32 time=0ms TTL=255
Reply from 192.168.1.1: bytes=32 time=0ms TTL=255
Reply from 192.168.1.1: bytes=32 time=0ms TTL=255
Reply from 192.168.1.1: bytes=32 time=0ms TTL=255
Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 3ms, Average = 0ms

PC#ping 192.168.2.1
Pinging 192.168.2.1 with 32 bytes of data:
Reply from 192.168.2.1: bytes=32 time=0ms TTL=255
Reply from 192.168.2.1: bytes=32 time=0ms TTL=255
Reply from 192.168.2.1: bytes=32 time=0ms TTL=255
Reply from 192.168.2.1: bytes=32 time=0ms TTL=255
Ping statistics for 192.168.2.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

PC#ping 192.168.2.2
Pinging 192.168.2.2 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Ping statistics for 192.168.2.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

PC#ping 192.168.3.1
Pinging 192.168.3.1 with 32 bytes of data:
Reply from 192.168.3.1: Destination host unreachable.
Reply from 192.168.3.1: Destination host unreachable.
Reply from 192.168.3.1: Destination host unreachable.
Reply from 192.168.3.1: Destination host unreachable.
Ping statistics for 192.168.3.1:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

PC#ping 192.168.3.22
Pinging 192.168.3.22 with 32 bytes of data:
Reply from 192.168.3.22: Destination host unreachable.
Reply from 192.168.3.22: Destination host unreachable.
Reply from 192.168.3.22: Destination host unreachable.
Reply from 192.168.3.22: Destination host unreachable.
Ping statistics for 192.168.3.22:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

[1d. 指出 ping 不通的 IP 地址是在哪里出问题的(可以查看仿真的结果)并进行分析]

Router0 路由表为空，除 Router0 上的端口外，其他地方均无法 ping 到。其中 192.168.2.2 是可以接触到的，但因为确认包在 Router1 上没有路由表，无法发到 PC0，而 192.168.3.0/24 是不能接触到的子网，所以 ping 失败返回了不同的信息。

(2) (static2.pkt)在 Router1 上配置 192.168.1.0/24 的静态路由指向 Router0。

[2a. 显示 Router1 的路由表并截屏]

```
Router1#sh ip rou
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

S    192.168.1.0/24 [1/0] via 192.168.2.1
C    192.168.2.0/24 is directly connected, FastEthernet0/0
C    192.168.3.0/24 is directly connected, FastEthernet0/1
```

[2b. PC0 依次 ping 到 PC1 路径上的所有 IP 地址，并截屏]



```
PC-ping 192.168.3.1
Pinging 192.168.1.1 with 32 bytes of data:
Reply from 192.168.1.1: bytes=32 time=0ms TTL=255
Reply from 192.168.1.1: bytes=32 time=0ms TTL=255
Reply from 192.168.1.1: bytes=32 time=0ms TTL=255
Reply from 192.168.1.1: bytes=32 time=0ms TTL=255
Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
PC-ping 192.168.2.1
Pinging 192.168.2.1 with 32 bytes of data:
Reply from 192.168.2.1: bytes=32 time=0ms TTL=255
Reply from 192.168.2.1: bytes=32 time=0ms TTL=255
Reply from 192.168.2.1: bytes=32 time=0ms TTL=255
Reply from 192.168.2.1: bytes=32 time=0ms TTL=255
Ping statistics for 192.168.2.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
PC-ping 192.168.3.1
Pinging 192.168.3.1 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Reply from 192.168.3.1: bytes=32 time=1ms TTL=254
Reply from 192.168.3.1: bytes=32 time=1ms TTL=254
Reply from 192.168.3.1: bytes=32 time=1ms TTL=254
Reply from 192.168.3.1: bytes=32 time=1ms TTL=254
Ping statistics for 192.168.3.1:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 1ms, Average = 1ms
PC-ping 192.168.3.2
Pinging 192.168.3.2 with 32 bytes of data:
Reply from 192.168.3.2: bytes=32 time=0ms TTL=255
Reply from 192.168.3.2: bytes=32 time=0ms TTL=255
Reply from 192.168.3.2: bytes=32 time=0ms TTL=255
Reply from 192.168.3.2: bytes=32 time=0ms TTL=255
Ping statistics for 192.168.3.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
PC-ping 192.168.3.22
Pinging 192.168.3.22 with 32 bytes of data:
Reply from 192.168.1.1: Destination host unreachable.
Reply from 192.168.1.1: Destination host unreachable.
Reply from 192.168.1.1: Destination host unreachable.
Reply from 192.168.1.1: Destination host unreachable.
Ping statistics for 192.168.3.22:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

[2c. 指出上面 ping 不通的 IP 地址是在哪里出问题的(可以查看仿真的结果)并进行分析]  
Router1 中无 192.168.3.0 的路由表, 192.168.3.0/24 子网无法到达。即包卡在了 Router1。

[2d. PC1 依次 ping 到 PC0 路径上的所有 IP 地址, 并截屏]

```
PC-ping 192.168.3.2
Pinging 192.168.3.2 with 32 bytes of data:
Reply from 192.168.3.2: bytes=32 time=0ms TTL=255
Reply from 192.168.3.2: bytes=32 time=0ms TTL=255
Reply from 192.168.3.2: bytes=32 time=0ms TTL=255
Reply from 192.168.3.2: bytes=32 time=0ms TTL=255
Ping statistics for 192.168.3.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
PC-ping 192.168.2.2
Pinging 192.168.2.2 with 32 bytes of data:
Reply from 192.168.2.2: bytes=32 time=0ms TTL=255
Reply from 192.168.2.2: bytes=32 time=0ms TTL=255
Reply from 192.168.2.2: bytes=32 time=0ms TTL=255
Reply from 192.168.2.2: bytes=32 time=0ms TTL=255
Ping statistics for 192.168.2.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms
PC-ping 192.168.1.1
Pinging 192.168.1.1 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Reply from 192.168.1.1: Destination host unreachable.
Reply from 192.168.1.1: Destination host unreachable.
Reply from 192.168.1.1: Destination host unreachable.
Reply from 192.168.1.1: Destination host unreachable.
Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

[2e. 指出上面 ping 不通的 IP 地址是在哪里出问题的(可以查看仿真的结果)并进行分析]  
只有 192.168.1.0/24 ping 不通, 但实际上包是到达了的, 只是确认包在经过 Router0 时, 没有路由表, 无法返回。

(3) (static3.pkt) 在 Router0 上配置静态路由 192.168.3.0/24 的静态路由指向 Router1。

[3a. 显示 Router0 的路由表并截屏]

```
Router#sh ip rou
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    192.168.1.0/24 is directly connected, FastEthernet0/0
C    192.168.2.0/24 is directly connected, FastEthernet0/1
S    192.168.3.0/24 [1/0] via 192.168.2.2
```

[3b. PC0 ping PC1, 并截屏]

```
PC-ping 192.168.3.22
Pinging 192.168.3.22 with 32 bytes of data:
Reply from 192.168.3.22: bytes=32 time=0ms TTL=126
Reply from 192.168.3.22: bytes=32 time=1ms TTL=126
Reply from 192.168.3.22: bytes=32 time=0ms TTL=126
Reply from 192.168.3.22: bytes=32 time=0ms TTL=126
Ping statistics for 192.168.3.22:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms
```

(4) (static4.pkt) 如果在路由器 Router0 和 Router1 只配置默认路由指向对方 (要先删除原静态路由)。

[4a. PC0 ping PC1, 并截屏]

```
PC-ping 192.168.3.22
Pinging 192.168.3.22 with 32 bytes of data:
Reply from 192.168.3.22: bytes=32 time=0ms TTL=126
Reply from 192.168.3.22: bytes=32 time=1ms TTL=126
Reply from 192.168.3.22: bytes=32 time=0ms TTL=126
Reply from 192.168.3.22: bytes=32 time=0ms TTL=126
Ping statistics for 192.168.3.22:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms
```

[4b. 显示 Router0 的路由表并截屏]

```
Router#sh ip rou
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 192.168.2.2 to network 0.0.0.0

C    192.168.1.0/24 is directly connected, FastEthernet0/0
C    192.168.2.0/24 is directly connected, FastEthernet0/1
S*  0.0.0.0/0 [1/0] via 192.168.2.2
```

[4c. 显示 Router1 的路由表并截屏]



```
Router#sh ip rou
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 192.168.2.1 to network 0.0.0.0

C    192.168.3.0/24 is directly connected, FastEthernet0/0
C    192.168.3.0/24 is directly connected, FastEthernet0/1
S*   0.0.0.0/0 [1/0] via 192.168.2.1
```

#### [4d. 分析结果]

所有包都会发给另一个路由器，所以 ping 通了。

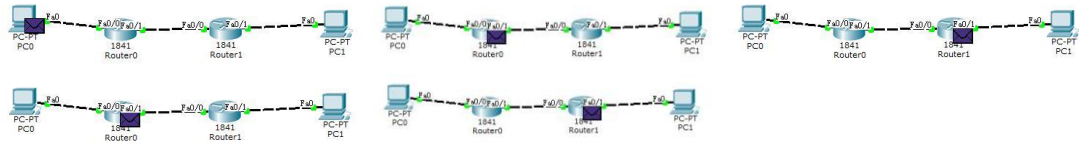
(5) 在上个步骤及基础上，用 PC0 ping 一个不属于实验中的任何子网的 IP 地址，

#### [5a. 截屏结果]

```
PC>ping 192.168.4.0
Pinging 192.168.4.0 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.4.0:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

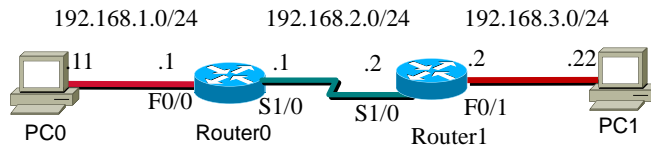
#### [5b. 启动仿真画面显示结果截屏]



#### [5c. 分析结果]

该包会在两个路由器之间不停的传，而 PC0 则会超时。

(6) (static6.pkt)按下图设计网络，配置 Router0 和 Router1 串行口的时钟、IP 地址和子网掩码，采用接口名作为下一跳配置静态路由（只有串行接口才可以这样做），令 PC0 可以 ping 通 PC1。



#### [6a. 用 PC0 ping PC1 并截屏]

```
PC>ping 192.168.3.22
Pinging 192.168.3.22 with 32 bytes of data:
Reply from 192.168.3.22: bytes=32 time=3ms TTL=126
Reply from 192.168.3.22: bytes=32 time=1ms TTL=126
Reply from 192.168.3.22: bytes=32 time=6ms TTL=126
Reply from 192.168.3.22: bytes=32 time=6ms TTL=126

Ping statistics for 192.168.3.22:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 6ms, Average = 3ms
```

#### [6b. 显示 Router0 的路由表并截屏]

```
Router#sh ip rou
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    192.168.1.0/24 is directly connected, FastEthernet0/0
C    192.168.2.0/24 is directly connected, Serial10/1/0
S    192.168.3.0/24 is directly connected, Serial10/1/0
```

#### [6c. 显示 Router1 的路由表并截屏]

```
Router#sh ip rou
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

S    192.168.1.0/24 is directly connected, Serial10/1/0
C    192.168.2.0/24 is directly connected, Serial10/1/0
C    192.168.3.0/24 is directly connected, FastEthernet0/1
```

#### [6d. 用#show running-config 显示 Router0 的当前配置并截屏]



```
Router#show running-config
Building configuration...

Current configuration : 790 bytes
!
version 12.4
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Router
!
!
!
!
interface FastEthernet0/0
ip address 192.168.1.1 255.255.255.0
duplex auto
speed auto
!
interface FastEthernet0/1
no ip address
duplex auto
speed auto
shutdown
!
interface Serial0/0/0
no ip address
shutdown
!
interface Serial0/0/1
no ip address
shutdown
!
interface Serial0/1/0
ip address 192.168.2.1 255.255.255.0
clock rate 64000
!
interface Serial0/1/1
no ip address
shutdown
!
spanning-tree mode pvst
!
interface Vlan1
no ip address
shutdown
!
```

```

interface Vlan1
no ip address
shutdown
!
router zip
!
ip classless
ip route 192.168.3.0 255.255.255.0 Serial0/1/0
!
!
!
line con 0
!
line aux 0
!
line vty 5 4
login
!
!
end
```

```
Router#sh run
Building configuration...

Current configuration : 769 bytes
!
version 12.4
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Router
!
!
!
!
!
interface FastEthernet0/0
    no ip address
    duplex auto
    speed auto
    shutdown
!
interface FastEthernet0/1
ip address 192.168.3.2 255.255.255.0
    duplex auto
    speed auto
!
interface Serial0/0/0
    no ip address
    shutdown
!
!
interface Serial0/0/1
    no ip address
    shutdown
!
!
interface Serial0/1/0
ip address 192.168.2.2 255.255.255.0
    !
!
interface Serial0/1/1
    no ip address
    shutdown
!
!
spanning-tree mode pvst
!
interface Vlan1
    no ip address
    shutdown
!
!
```

```
PC>ping 192.168.3.22

Pinging 192.168.3.22 with 32 bytes of data:

Reply from 192.168.3.22: bytes=32 time=10ms TTL=126
Reply from 192.168.3.22: bytes=32 time=10ms TTL=126
Reply from 192.168.3.22: bytes=32 time=10ms TTL=126
Reply from 192.168.3.22: bytes=32 time=10ms TTL=126

Ping statistics for 192.168.3.22:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milliseconds:
        Minimum = 9ms, Maximum = 10ms, Average = 9ms
```

```
Router#
Router# ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
       E - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       O1 - OSPF external type 1, O2 - OSPF external type 2, S* - SGP
       I* - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, I* - IS-IS inter area
       *   candidate default, P - per-user static route, o - ODR
       *   periodic downloaded static route

Gateway of last resort is not set

C      192.168.1.0/24 is directly connected, FastEthernet0/0
C      192.168.2.0/24 is directly connected, Serial0/0
C      192.168.3.0/24 [1/0] via 192.168.2.3
```

```
Router#ena
Routerfish ip rou
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, S - 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

S 192.168.1.0/24 [1/0] via 192.168.2.1
C 192.168.2.0/24 is directly connected Serial0/0/0
C 192.168.3.0/24 is directly connected Serial0/0/0
S 192.168.0/0 [0/0] via 192.168.2.1
```

[7d.用#show running-config 显示 Router0 的当前配置并截屏]



