

CCNA:IPv4静态路由汇总基本实验Cisco认证考试 PDF转换可能丢失图片或格式，建议阅读原文

[https://www.100test.com/kao\\_ti2020/574/2021\\_2022\\_CCNA\\_IPv4\\_E9\\_c101\\_574587.htm](https://www.100test.com/kao_ti2020/574/2021_2022_CCNA_IPv4_E9_c101_574587.htm) 目的：使用汇总路由(summary static-route)将全网互联。

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R1 Configuration: !! interface
Loopback0 ip address 192.168.1.1 255.255.255.255 ! interface
Ethernet0/0 ip address 192.168.12.1 255.255.255.0 half-duplex ! ip
route 192.168.0.0 255.255.0.0 192.168.12.2 !! R2 Configuration: !!
interface Ethernet0/0 ip address 192.168.12.2 255.255.255.0
half-duplex ! interface Ethernet0/2 ip address 192.168.23.2
255.255.255.0 half-duplex ! interface Ethernet0/3 ip address
192.168.24.2 255.255.255.0 half-duplex !! ip route 192.168.1.1
255.255.255.255 192.168.12.1 ip route 192.168.3.3 255.255.255.255
192.168.23.3 ip route 192.168.4.4 255.255.255.255 192.168.24.4 !! R3
Configuration: !! interface Loopback0 ip address 192.168.3.3
255.255.255.255 !! interface Ethernet0/2 ip address 192.168.23.3
255.255.255.0 half-duplex !! ip route 192.168.0.0 255.255.0.0
192.168.23.2 !! R4 Configuration: !! interface Loopback0 ip address
192.168.4.4 255.255.255.255 ! interface Ethernet0/3 ip address
192.168.24.4 255.255.255.0 half-duplex !! ip route 192.168.0.0
255.255.0.0 192.168.24.2 !! ----- Inspect:(R1): r1# r1#
r1#ping 192.168.4.4 Type escape sequence to abort. Sending 5,
100-byte ICMP Echos to 192.168.4.4, timeout is 2 seconds: !!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max =
32/86/196 ms r1# r1#ping 192.168.3.3 Type escape sequence to
abort. Sending 5, 100-byte ICMP Echos to 192.168.3.3, timeout is 2
```

seconds: !!!!! Success rate is 100 percent (5/5), round-trip min/avg/max = 60/107/168 ms r1# Inspect:(R2): r2# r2# r2#ping 192.168.1.1 Type escape sequence to abort. Sending 5, 100-byte ICMP Echos to 192.168.1.1, timeout is 2 seconds: !!!!! Success rate is 100 percent (5/5), round-trip min/avg/max = 24/70/120 ms r2# r2#ping 192.168.3.3 Type escape sequence to abort. Sending 5, 100-byte ICMP Echos to 192.168.3.3, timeout is 2 seconds: !!!!! Success rate is 100 percent (5/5), round-trip min/avg/max = 20/58/132 ms r2# r2#ping 192.168.4.4 Type escape sequence to abort. Sending 5, 100-byte ICMP Echos to 192.168.4.4, timeout is 2 seconds: !!!!! Success rate is 100 percent (5/5), round-trip min/avg/max = 20/57/124 ms r2# Inspect:(R3): r3# r3# r3#ping 192.168.1.1 Type escape sequence to abort. Sending 5, 100-byte ICMP Echos to 192.168.1.1, timeout is 2 seconds: !!!!! Success rate is 100 percent (5/5), round-trip min/avg/max = 36/98/172 ms r3# r3#ping 192.168.4.4 Type escape sequence to abort. Sending 5, 100-byte ICMP Echos to 192.168.4.4, timeout is 2 seconds: !!!!! Success rate is 100 percent (5/5), round-trip min/avg/max = 36/85/176 ms r3# r3# Inspect:(R4): r4# r4# r4#ping 192.168.1.1 Type escape sequence to abort. Sending 5, 100-byte ICMP Echos to 192.168.1.1, timeout is 2 seconds: !!!!! Success rate is 100 percent (5/5), round-trip min/avg/max = 40/84/156 ms r4# r4#ping 192.168.3.3 Type escape sequence to abort. Sending 5, 100-byte ICMP Echos to 192.168.3.3, timeout is 2 seconds: !!!!! Success rate is 100 percent (5/5), round-trip min/avg/max = 36/87/160 ms r4#

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