

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

[https://www.100test.com/kao\\_ti2020/633/2021\\_2022\\_CCNA\\_IPv4\\_E9\\_c101\\_633690.htm](https://www.100test.com/kao_ti2020/633/2021_2022_CCNA_IPv4_E9_c101_633690.htm) 目的：使用汇总路由(summary static-route)将全网互联。 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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