

Step 1: Configure an IPv4 static default route.

c. What command is used to trace a path from a PC to a destination?

tracert 198.0.0.10

Step 2: Configure an IPv4 floating static route.

a. What is the administrative distance of a static route?

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d. Display the contents of the routing table. Is the IPv4 floating static route visible in the routing table? Explain.

C 10.10.10.4/30 is directly connected, Serial0/0/1

L 10.10.10.6/32 is directly connected, Serial0/0/1

192.168.10.0/24 is variably subnetted, 2 subnets, 2 masks

C 192.168.10.0/24 is directly connected, GigabitEthernet0/0

L 192.168.10.1/32 is directly connected, GigabitEthernet0/0

192.168.11.0/24 is variably subnetted, 2 subnets, 2 masks

C 192.168.11.0/24 is directly connected, GigabitEthernet0/1

L 192.168.11.1/32 is directly connected, GigabitEthernet0/1

S* 0.0.0.0/0 is directly connected, Serial0/0/1

The IPv4 floating static route is not visible in the table as the default static route is already functional.