

% Ambiguous command. ^

BTV-Router#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 not set

172.16.0.0/16 is variably subnetted, 5 subnets, 2 masks

C 172.16.0.0/30 is directly connected, Serial0/1/0

O 172.16.5.0/24 [110/2] via 172.16.10.2, 00:04:49, FastEthernet0/0

O 172.16.6.0/24 [110/2] via 172.16.10.2, 00:04:49, FastEthernet0/0

C 172.16.10.0/24 is directly connected, FastEthernet0/0

O 172.16.20.0/24 [110/65] via 172.16.0.2, 00:03:39, Serial0/1/0

BTV-Router#

MTL-Router#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 not set

172.16.0.0/16 is variably subnetted, 5 subnets, 2 masks

C 172.16.0.0/30 is directly connected, Serial0/1/0

O 172.16.5.0/24 [110/66] via 172.16.0.1, 00:04:08, Serial0/1/0

O 172.16.6.0/24 [110/66] via 172.16.0.1, 00:04:08, Serial0/1/0

O 172.16.10.0/24 [110/65] via 172.16.0.1, 00:04:08, Serial0/1/0

C 172.16.20.0/24 is directly connected, FastEthernet0/0

MTL-Router#

User-Laptop

Physical Config Desktop Programming Attributes

Command Prompt

```
C:\>ping 172.16.20.2
```

```
Pinging 172.16.20.2 with 32 bytes of data:
```

```
Reply from 172.16.20.2: bytes=32 time=27ms TTL=125
```

```
Reply from 172.16.20.2: bytes=32 time=1ms TTL=125
```

```
Reply from 172.16.20.2: bytes=32 time=1ms TTL=125
```

```
Reply from 172.16.20.2: bytes=32 time=1ms TTL=125
```

```
Ping statistics for 172.16.20.2:
```

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

```
Approximate round trip times in milli-seconds:
```

```
    Minimum = 1ms, Maximum = 27ms, Average = 7ms
```

```
C:\>
```

```
C:\>
```