C1#

C1#conf t

Enter configuration commands, one per line. End with CNTL/Z.

C1(config)#INT G0/0

C1(config-if)#IP ADD

C1(config-if)#IP ADDress 17.1.1.1 255.255.255.252

C1(config-if)#NO SH

C1(config-if)#

\*Sep 27 20:45:27.219: %LINK-3-UPDOWN: Interface GigabitEthernet0/0, changed state to up

\*Sep 27 20:45:28.219: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

C1(config-if)#ROU^Z

% Incomplete command.

C1#

\*Sep 27 20:45:35.695: %SYS-5-CONFIG\_I: Configured from console by console

C1#CONF T

Enter configuration commands, one per line. End with CNTL/Z.

C1(config)#ROUTE

C1(config)#ROUTER OSPF 1

C1(config-router)#NET 17.1.1.1 0.0.0.0 AREA 0

C1(config-router)#NO SH

C1(config-router)#

\*Sep 27 20:49:48.963: %OSPF-5-ADJCHG: Process 1, Nbr 17.1.1.2 on GigabitEthernet0/0 from LOADING to FULL, Loading Done

C1(config-router)#^Z

C1#copy running-config startup-config

\*Sep 27 20:51:45.179: %SYS-5-CONFIG\_I: Configured from console by console

C1#copy running-config startup-config

Destination filename [startup-config]?

Warning: Attempting to overwrite an NVRAM configuration previously written

by a different version of the system image.

Overwrite the previous NVRAM configuration?[confirm]

Building configuration...

[OK]

C1#{T

C1#E}M

C1#ping 17.1.1.2

Type escape sequence to abort.

Sending 5, 100-byte ICMP Echos to 17.1.1.2, timeout is 2 seconds:

!!!!!

Success rate is 100 percent (5/5), round-trip min/avg/max = 20/20/20 ms

C1#sh ip int brief

Interface IP-Address OK? Method Status Protocol

Ethernet0/0 unassigned YES unset administratively down down

GigabitEthernet0/0 17.1.1.1 YES manual up up

C1#sh ip ospf int brief

Interface PID Area IP Address/Mask Cost State Nbrs F/C

Gi0/0 1 0 17.1.1.1/30 1 DR 1/1

C1#ping 17.1.1.1

Type escape sequence to abort.

Sending 5, 100-byte ICMP Echos to 17.1.1.1, timeout is 2 seconds:

!!!!!

Success rate is 100 percent (5/5), round-trip min/avg/max = 1/1/4 ms

C1#sh ip route

Codes: L - local, C - connected, S - static, 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

i - IS-IS, su - IS-IS summary, 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, H - NHRP, l - LISP

+ - replicated route, % - next hop override

Gateway of last resort is not set

17.0.0.0/8 is variably subnetted, 2 subnets, 2 masks

C 17.1.1.0/30 is directly connected, GigabitEthernet0/0

L 17.1.1.1/32 is directly connected, GigabitEthernet0/0

C1#sh ip route

Codes: L - local, C - connected, S - static, 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

i - IS-IS, su - IS-IS summary, 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, H - NHRP, l - LISP

+ - replicated route, % - next hop override

Gateway of last resort is not set

17.0.0.0/8 is variably subnetted, 2 subnets, 2 masks

C 17.1.1.0/30 is directly connected, GigabitEthernet0/0

L 17.1.1.1/32 is directly connected, GigabitEthernet0/0

C1#sh ip route

Codes: L - local, C - connected, S - static, 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

i - IS-IS, su - IS-IS summary, 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, H - NHRP, l - LISP

+ - replicated route, % - next hop override

Gateway of last resort is 17.1.1.2 to network 0.0.0.0

O\*E2 0.0.0.0/0 [110/1] via 17.1.1.2, 00:00:40, GigabitEthernet0/0

17.0.0.0/8 is variably subnetted, 2 subnets, 2 masks

C 17.1.1.0/30 is directly connected, GigabitEthernet0/0

L 17.1.1.1/32 is directly connected, GigabitEthernet0/0

C1#ping 8.8.8.1

Type escape sequence to abort.

Sending 5, 100-byte ICMP Echos to 8.8.8.1, timeout is 2 seconds:

!!!!!

Success rate is 100 percent (5/5), round-trip min/avg/max = 28/42/76 ms

C1#wr

Building configuration...

[OK]

C1#