Press RETURN to get started!

\*Sep 27 20:42:49.059: %IFMGR-7-NO\_IFINDEX\_FILE: Unable to open nvram:/ifIndex-ta ble No such file or directory

\*Sep 27 20:42:49.339: %PLATFORM-3-PACONFIG: Exceeds 600 bandwidth points for slo ts 0, 1, 3 & 5

\*Sep 27 20:43:03.575: %LINEPROTO-5-UPDOWN: Line protocol on Interface VoIP-Null0 , changed state to up

\*Sep 27 20:43:03.583: %LINK-3-UPDOWN: Interface Ethernet0/0, changed state to up

\*Sep 27 20:43:03.591: %LINK-3-UPDOWN: Interface GigabitEthernet0/0, changed stat e to up

\*Sep 27 20:43:03.599: %LINK-3-UPDOWN: Interface GigabitEthernet1/0, changed stat e to up

\*Sep 27 20:43:03.607: %LINK-3-UPDOWN: Interface GigabitEthernet2/0, changed stat e to up

\*Sep 27 20:43:03.615: %LINK-3-UPDOWN: Interface GigabitEthernet3/0, changed stat e to up

\*Sep 27 20:43:04.491: %SYS-5-CONFIG\_I: Configured from memory by console

\*Sep 27 20:43:04.703: %LINEPROTO-5-UPDOWN: Line protocol on Interface Ethernet0/ 0, changed state to down

\*Sep 27 20:43:04.707: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEth ernet0/0, changed state to down

\*Sep 27 20:43:04.711: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEth ernet1/0, changed state to down

\*Sep 27 20:43:04.715: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEth ernet2/0, changed state to down

\*Sep 27 20:43:04.719: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEth ernet3/0, changed state to down

\*Sep 27 20:43:04.931: %SYS-5-RESTART: System restarted --

Cisco IOS Software, 7200 Software (C7200-ADVENTERPRISEK9-M), Version 15.2(4)M7, RELEASE SOFTWARE (fc2)

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Compiled Thu 25-Sep-14 10:36 by prod\_rel\_team

\*Sep 27 20:43:04.959: %SNMP-5-COLDSTART: SNMP agent on host C3 is undergoing a c old start

\*Sep 27 20:43:05.107: %CRYPTO-6-ISAKMP\_ON\_OFF: ISAKMP is OFF

\*Sep 27 20:43:05.107: %CRYPTO-6-GDOI\_ON\_OFF: GDOI is OFF

\*Sep 27 20:43:06.499: %LINK-5-CHANGED: Interface Ethernet0/0, changed state to a dministratively down

\*Sep 27 20:43:06.511: %LINK-5-CHANGED: Interface GigabitEthernet0/0, changed sta te to administratively down

\*Sep 27 20:43:06.519: %LINK-5-CHANGED: Interface GigabitEthernet1/0, changed sta te to administratively down

\*Sep 27 20:43:06.531: %LINK-5-CHANGED: Interface GigabitEthernet2/0, changed sta te to administratively down

\*Sep 27 20:43:06.543: %LINK-5-CHANGED: Interface GigabitEthernet3/0, changed sta te to administratively down

C3#

C3#

C3#

C3#

C3#

C3#conf t

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

C3(config)#int g0/0

C3(config-if)#ip add 8.1.7.2 255.255.255.252

C3(config-if)#no sh

C3(config-if)#

\*Sep 28 00:09:44.147: %LINK-3-UPDOWN: Interface GigabitEthernet0/0, changed state to up

\*Sep 28 00:09:45.147: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

C3(config-if)#int g1/0

C3(config-if)#ip add 8.1.8.2 255.255.255.252

C3(config-if)#no sh

C3(config-if)#^Z

C3#

\*Sep 28 00:10:45.395: %SYS-5-CONFIG\_I: Configured from console by console

C3#con

\*Sep 28 00:10:46.151: %LINK-3-UPDOWN: Interface GigabitEthernet1/0, changed state to up

\*Sep 28 00:10:47.151: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0, changed state to up

C3#conf t\

^

% Invalid input detected at '^' marker.

C3#conf t

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

C3(config)#rou

C3(config)#router ei

C3(config)#router eigrp 100

C3(config-router)#net

C3(config-router)#network 17.1.2.1 0.0.0.0

C3(config-router)#int g0/2

^

% Invalid input detected at '^' marker.

C3(config)#int g2/0

C3(config-if)#ip su

C3(config-if)#ip summary-address eg

C3(config-if)#ip summary-address ei

C3(config-if)#ip summary-address eigrp 100 0.0.0.0/0

C3(config-if)#^Z

C3#

\*Sep 28 00:12:56.583: %SYS-5-CONFIG\_I: Configured from console by console

C3#sh run int g0/2

^

% Invalid input detected at '^' marker.

C3#sh run int g2/0

Building configuration...

Current configuration : 125 bytes

!

interface GigabitEthernet2/0

no ip address

ip summary-address eigrp 100 0.0.0.0 0.0.0.0

shutdown

negotiation auto

end

C3#conf t

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

C3(config)#int g2/0

C3(config-if)#ip add 17.1.2.1 255.255.255.252

C3(config-if)#no sh

C3(config-if)#^Z

C3#

\*Sep 28 00:14:22.595: %SYS-5-CONFIG\_I: Configured from console by console

C3#conf t

\*Sep 28 00:14:22.883: %LINK-3-UPDOWN: Interface GigabitEthernet2/0, changed state to up

\*Sep 28 00:14:23.883: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet2/0, changed state to up

C3#sh run int g0/2

^

% Invalid input detected at '^' marker.

C3#sh run int g2/0

Building configuration...

Current configuration : 137 bytes

!

interface GigabitEthernet2/0

ip address 17.1.2.1 255.255.255.252

ip summary-address eigrp 100 0.0.0.0 0.0.0.0

negotiation auto

end

C3#SH IP EIGR

C3#SH IP EIGRp IN

C3#SH IP EIGRp INterfaces

EIGRP-IPv4 Interfaces for AS(100)

Xmit Queue PeerQ Mean Pacing Time Multicast Pending

Interface Peers Un/Reliable Un/Reliable SRTT Un/Reliable Flow Timer Routes

Gi2/0 0 0/0 0/0 0 0/0 0 0

C3#CONF T

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

C3(config)#ROUT

C3(config)#ROUTeR BGP 65002

C3(config-router)#NEI

C3(config-router)#NEIghbor 8.1.7.1 REM

C3(config-router)#NEIghbor 8.1.7.1 REMoT

C3(config-router)#NEIghbor 8.1.7.1 REMoTe-as 65001

C3(config-router)#ROUTeR BGP 65002

\*Sep 28 00:18:56.407: %BGP-5-ADJCHANGE: neighbor 8.1.7.1 Up

C3(config-router)#NEIghbor 8.1.8.1 REMoTe-as 65001

C3(config-router)#

\*Sep 28 00:19:29.175: %BGP-5-ADJCHANGE: neighbor 8.1.8.1 Up

C3(config-router)#^Z

C3#S

\*Sep 28 00:19:37.207: %SYS-5-CONFIG\_I: Configured from console by console

C3#SH IP BGP SUM

C3#SH IP BGP SUMmary

BGP router identifier 17.1.2.1, local AS number 65002

BGP table version is 16, main routing table version 16

14 network entries using 2072 bytes of memory

28 path entries using 1792 bytes of memory

4/4 BGP path/bestpath attribute entries using 544 bytes of memory

2 BGP AS-PATH entries using 48 bytes of memory

0 BGP route-map cache entries using 0 bytes of memory

0 BGP filter-list cache entries using 0 bytes of memory

BGP using 4456 total bytes of memory

BGP activity 14/0 prefixes, 28/0 paths, scan interval 60 secs

Neighbor V AS MsgRcvd MsgSent TblVer InQ OutQ Up/Down State/PfxRcd

8.1.7.1 4 65001 8 5 16 0 0 00:00:47 14

8.1.8.1 4 65001 8 11 16 0 0 00:00:14 14

C3#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 = 100/104/112 ms

C3#WR

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]

C3#

\*Sep 28 00:25:22.183: %DUAL-5-NBRCHANGE: EIGRP-IPv4 100: Neighbor 17.1.2.2 (GigabitEthernet2/0) is up: new adjacency

C3#CONF T

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

C3(config)#ROUT

C3(config)#ROUTeR BGP 65002

C3(config-router)#NET

C3(config-router)#NETwork 17.1.2.0 MASK 255.255.255.252

C3(config-router)#WR

^

% Invalid input detected at '^' marker.

C3(config-router)#^Z

C3#WR

\*Sep 28 00:30:46.771: %SYS-5-CONFIG\_I: Configured from console by console

C3#WR

Building configuration...

[OK]

C3#