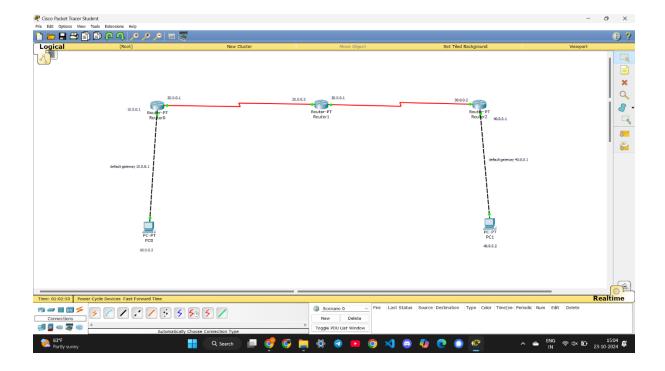
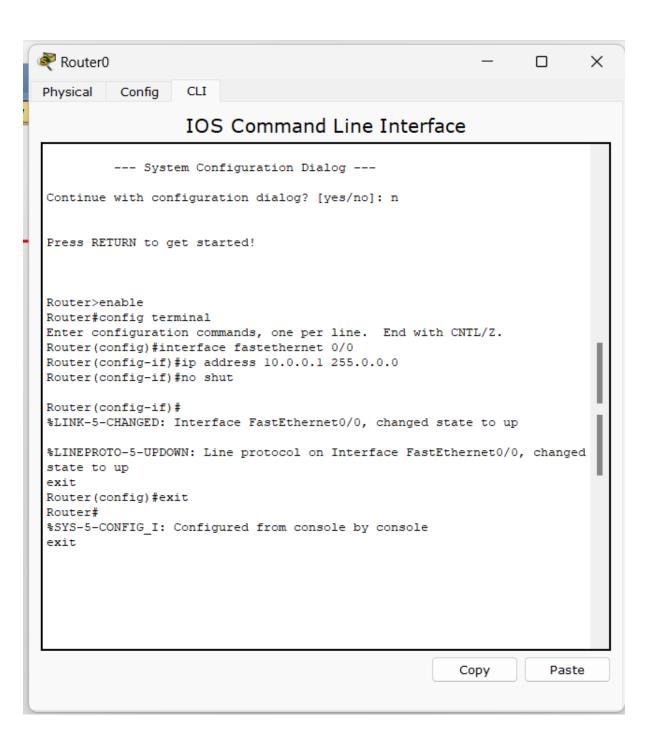
Expt. 3 - 23/10/2024

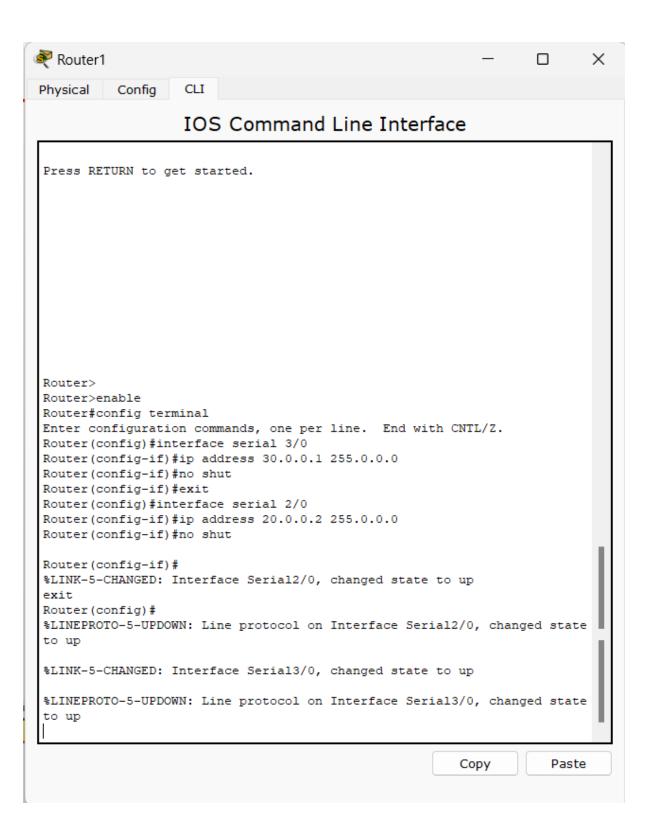
	Date / /201		Date 201
23/10			Ra:
Expt.3:			Fastelhunet 010 - 40.0.0.1
Aim - Configure Default Route, Static Route			Serial 210 - 30.0.0.2
to the Router.		1050	K3:
297	at obb. ends		easta serial alo - 20.0.0.2
Topology 3 Routers with	Topology - 3 Routers with arts at off ends		Serial 310 - 30.0.0.1
20.00.1 20.0.0.2 30.0.0.1	30.0.0.2		PCO 16 on the network 10.0.0.0 Eq
2 40 07	40.0.0.1 Routen-PT		PCI is on the network 40.0,00
Router-PT P10.0.0-1 Router-PT R1	40.0.0.1 R2		FCL IS ON THE MIXWORK 40.0.0.0.
		- 918	anniotal extraore vice a Straot o
oeg. 10-0-0-1	1 Def. 40.0.0,1		Popadure:
1	1	1.	Configure 2PCs properly
10.0.0.2	40.0.0.2	2.	Configure 3 Pouters according to their correct
			interfaces - Fastethernet & Serial.
		2	Defautt voute R1:
90-97	PC-PT PC1	- 5.	# ip soute 10.0.0.0 255.0.0.0 20.0.0.1
RO	40.0.0.2		# ip route 40.0.0.0 255.0.0.0 30.0.0.2
10.0.0-2		1	Static route RO:
		4.	# ip route 0.0.0.0 0.0.0.0 20.0.0.2
PCO: Fastethernet 0/0			
19 - 10.0.0.2 , Def. Gateway -	- 10.0.0.1	5.	Static soute R2:
			# if route 0.0.0.0 00.0.0 30.0.0.1
PC1: Fastethernet 000			
IP - 40.0.0.2 , Def. Gateway -	40.0.0.1		
, , ,			
RO:			
Fastellarnet 010 - 10.0-0.1			
Serial 210 - 20.0.0.1			13 JN
	INANA SWEEKAR		C C

Date / /201 Observation: RO: # show ip soule c 10.00.0/8 is directly connected, Forstelliernot 0,0 c 20.0.0.0 8 is directly connected, serial 2/0 R2: # show ip soute C 30.0.0.0 8 is directly connected, Bas Serial 210 C 40-0.0.0/8 is directly connected, Pastethernet 0/0 5 0.0.0.0 10 [1] 07 via 30.0.0-1 BOB PCO: PC> bing 40.0.0.2 Packets: Sent = 4, Recieved = 4, Lost = 0 (0.1-loss)





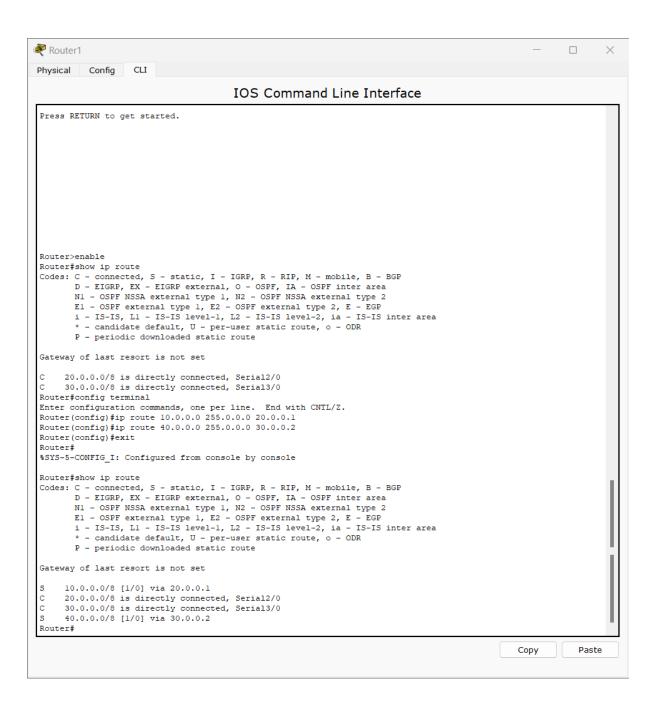
Router0	_		×				
Physical Config CLI							
IOS Command Line Interface							
Press RETURN to get started.							
Router>enable							
Router#config terminal	/						
Enter configuration commands, one per line. End with Router(config) #interface serial 2/0	CNTL/Z.						
Router(config-if) #ip address 20.0.0.1 255.0.0.0			_				
Router(config-if) #no shut			ш				
%LINK-5-CHANGED: Interface Serial2/0, changed state to	down		ш				
Router(config-if) #exit Router(config) #							
%LINK-5-CHANGED: Interface Serial2/0, changed state to	up		ш				
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial	12/0, chanç	ged stat	e				
to up			•				
Ľ	-						
	Сору	Past	е				

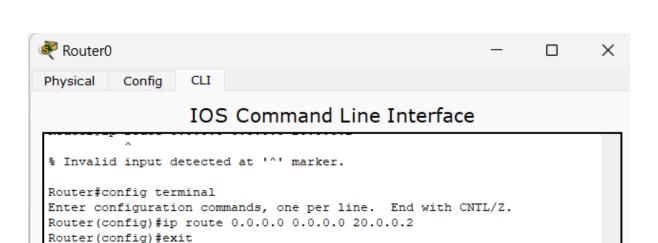


Physical Config CLI

IOS Command Line Interface

Copyright (c) 1986-2005 by cisco Systems, Inc. Compiled Wed 27-Apr-04 19:01 by miwang PT 1001 (PTSC2005) processor (revision 0x200) with 60416K/5120K bytes of memory Processor board ID PT0123 (0123) Processor board ID PT0123 (0123)
PT2005 processor: part number 0, mask 01
Bridging software.
X.25 software, Version 3.0.0.
4 FastEthernet/IEEE 802.3 interface(s)
2 Low-speed serial(sync/async) network interface(s)
32K bytes of non-volatile configuration memory.
63488K bytes of ATA CompactFlash (Read/Write) --- System Configuration Dialog ---Continue with configuration dialog? [yes/no]: n Press RETURN to get started! Router>enbale
Translating "enbale"...domain server (255.255.255.255)
% Unknown command or computer name, or unable to find computer address Router>enable Router#config terminal Rotter(config) #interface serial 2/0
Router(config-if) #ip address 30.0.0.2 255.0.0.0
Router(config-if) #no shut Router(config-if) # %LINK-5-CHANGED: Interface Serial2/0, changed state to up exit Router(config)#interface %LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up % Incomplete command.
Router(config) #interface fastethernet 0/0
Router(config-if) #ip address 40.0.0.1 255.0.0.0
Router(config-if) #no shut Router(config-if)# %LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up exit Router (config) #





%SYS-5-CONFIG_I: Configured from console by console
Router#show 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

El - 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 20.0.0.2 to network 0.0.0.0

C 10.0.0.0/8 is directly connected, FastEthernet0/0

20.0.0.0/8 is directly connected, Serial2/0

S* 0.0.0.0/0 [1/0] via 20.0.0.2

Router#

Router#

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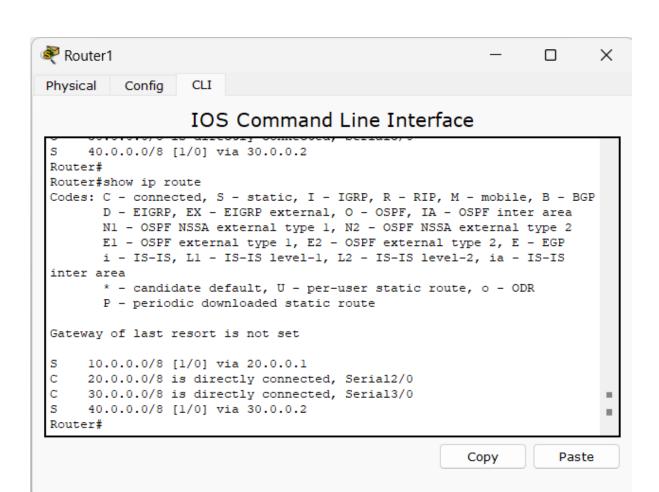


IOS Command Line Interface

```
Router#enable
Router#config terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config) #ip route 0.0.0.0 0.0.0.0 30.0.0.1
Router (config) #exit
Router#
%SYS-5-CONFIG I: Configured from console by console
% Ambiguous command: "s"
Router#show 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 30.0.0.1 to network 0.0.0.0
     30.0.0.0/8 is directly connected, Serial2/0
С
    40.0.0.0/8 is directly connected, FastEthernet0/0
S* 0.0.0.0/0 [1/0] via 30.0.0.1
Router#
```

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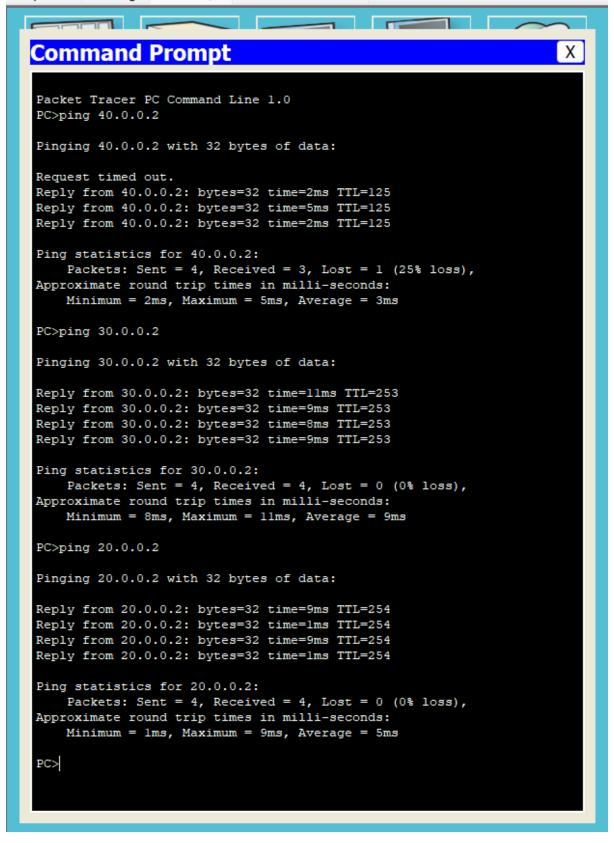


Config

Desktop

Custom Interface

×



X

