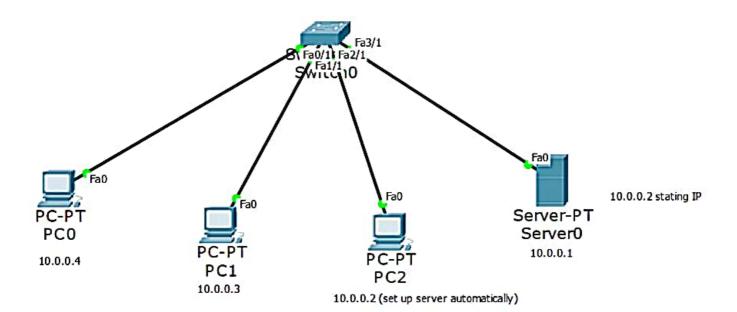
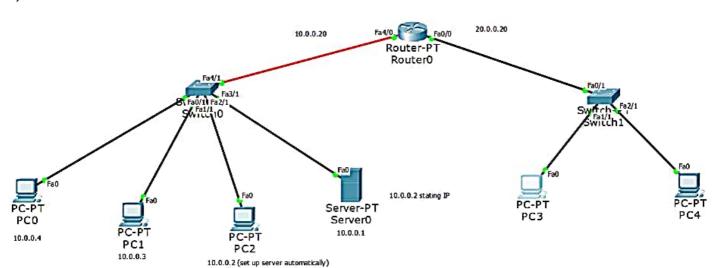
14 7 23 Connection of server LAN within and Topology 10.0.020 PCO PCI 10.0.QI 1P addresses of others devices Resethemet 4/0

da.	
han	# ip addies 10 0.0.10 255 0.0.0
	## modelub paras theoretic and whicher
_	# exit
	# interface tastethemet 0/0
_	# ip addres 800.0.20 255.0.0.0
1 1	# exit 200,000
- 100	# exit 20,0,0
_	Go to server config < gateway 10.0.0.20
1 / 8>	Co to server < config < gatemay 10.0.0.20 Now in router, we need to det ip address of server
	# config t
- PC-3	# fast ethernet 0/0
	# Pp helper-addren 10.0.0.1
	# no chut 10.0.0;
	# exit
- 9	Now go to server e services & DHCP <
e points	addres of the second of the se
- hab 10}	to check the connections court il
	and click on DHCP and IP gateway
1	and click on DHCP and IP gateway
10000	will be visible found to work vi
11-71012	Rult - 5 20 00 11 12
Lo Sine	From server - from PC211 to Pconwhose ip
di d	address is 10,000,200
moli	APC > ping 10.0.0.2 ID of 10 und 20
	pinging 10.0.0.2 with 32 bytes of docta:
	Request timed coulthroughted mothering



mineric mineric mineric mineric minerical	Reply from 10.0,0.2: bytes = 32 time=6 mg TTL=125
-	Roll Rom 10.0 002: butes = 32 time = 2 ms TTL = 125
	Reply from 10.0.0.2: bytes = 32 time = 6 ms TTL=125 Reply from 10.0.0.2: bytes = 32 time = 2 ms TTL=125 Reply from 10.0.0.2: bytes = 32 time=12 ms TTL=125
Marian Control of the	Reput Morn Co.
	ping statistics for 10.0.0.2: Packets: Sent=4. Received=3, Lost=1. Approximate round trop time in milliseconds: Minimum=2 me, Maximum=12 me, Average=6 m
	A fackets Gent = 4, Received = 5, Fost = 1
1	Approximate round trip time in rulliseconds
191 -	Minimum = 2 ml, Maximum = 12 ml, Trerage = 6 m
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	3/01 - 7/01





```
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)
Press RETURN to get started!
Router>enable
Router#config t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config) #interface serial 2/0
Router(config-if) #ip address 20.0.0.20 255.0.0.0
Router (config-if) #no shut
%LINK-5-CHANGED: Interface Serial2/0, changed state to down
Router (config-if) fexit
Router(config) #interface serial 3/0
Router(config-if) #ip address 30.0.0.10 255.0.0.0
Router(config-if) #no shut
*LINK-5-CHANGED: Interface Serial3/0, changed state to down
Router (config-if) #exit
Router (config) #
%LINK-5-CHANGED: Interface Serial2/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up
exit
Router#
*SYS-5-CONFIG_I: Configured from console by console
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 not set
    20.0.0.0/8 is directly connected, Serial2/0
```

Bridging software.

Router#

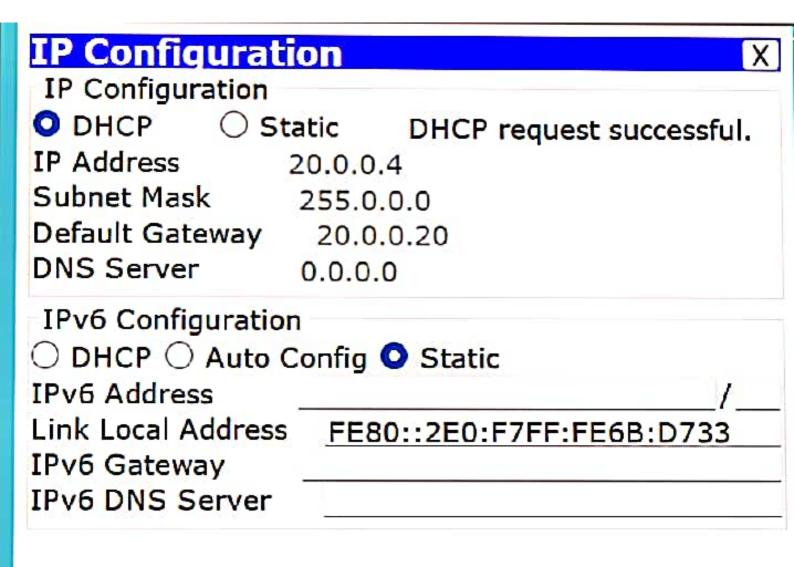
X.25 software, Version 3.0.0.

```
outer#config t
nter configuration commands, one per line. End with CNTL/Z.
outer(config) #interface serial2/0
outer(config-if) #ip address 30.0.0.20 255.0.0.0
outer(config-if) #no shut
outer(config-if)#
LINK-5-CHANGED: Interface Serial2/0, changed state to up
LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up
xit
outer(config) #interface fastethernet0/0
couter(config-if) #ip address 40.0.0.10 255.0.0.0
touter(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) show ip route
Invalid input detected at '^' marker.
Router(config) #exit
Router#
SYS-5-CONFIG I: Configured from console by console
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 not set
C
    30.0.0.0/8 is directly connected, Serial2/0
    40.0.0.0/8 is directly connected, FastEthernet0/0
C
Router#
```

outer>enable



```
Pinging 20.0.0.2 with 32 bytes of data:

Reply from 20.0.0.2: bytes=32 time=1ms TTL=127

Reply from 20.0.0.2: bytes=32 time=0ms TTL=127

Reply from 20.0.0.2: bytes=32 time=0ms TTL=127

Reply from 20.0.0.2: bytes=32 time=0ms TTL=127

Ping statistics for 20.0.0.2:

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

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 1ms, Average = 0ms
```