# Computer Networks Lab 3 Configuration of default routes to Router and ping

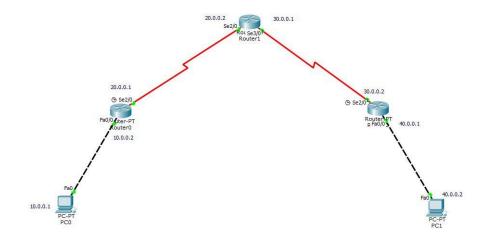
## Observation

	15 10 24		Done: Proce H
AIM:	To demonstrate the configuration of default		To set the roote to other networks
	10 00.0.1 Septo Se 3 0 80 0.0.1		> ip route (dufination national of) (Subject mark) (rest hop)
	Sezio Sezio		1 /2 voute 40.0.0.0 255.0.0.0 20.0.0.2
0.00.2	Fails & ROANS 40.001		the show ip route
Poloven		120	Pic Router 3, CHI & Slaver S > coable of the A slaver S > config to a fall of slaver S
0.0.1 kway 0.0.2	To to configure 4 retworks in 10.000,		> 1p route 10.0.0.0 255.0.0.0 30.0.0.1
	Step 1: native some all the devices and configure		# show ip route / display councitions
	with the methods to f. if coldress & gathering. Router 0: How knowledge of 10.000 & 20.1000 Bourn 3: How knowledge of 30.000 \$ 10.000	nestr nestr	> enable and senond was part
	To make some naturals factor a known the other natural 30000 & herea of similary Kenter 5 to	31-187	> ip route 10.00.0 756.0.00 300.02 > ip route 40.0.00 286.0.00 300.02 # show ip route
	Know 10.0.0.05 20.0.0.0 without		Now the network route of REVER O. 1. 3 am set, to ping from PCO to
	In Pouter O, CLI Foster the command > enable		PCI.
	> configt		

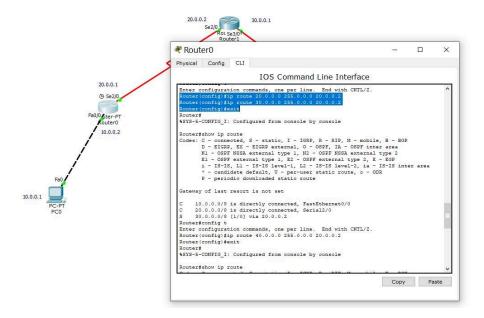
En PCO, command prompt  phug Ho.O.O.2  The packets are sent with 01. Loys.  Pep route for Router!  # Show ip route.  \$ 10.0.0.0 a [1/D] via 20.0.0.1  C 20.0.0.0 a [1/D] via 20.0.0.2  C 30.0.0.0 a [1/D] via 30.0.0.2  Ping nuncial from PCO to PCI  > ping nuncial from PCO to PCI  > ping how Ho.O.O.2 byty = 32 there Isay TC=128  Reply from Ho.O.O.D.2 byty = 32 there Isay TC=128  Reply from Ho.O.O.D.2 byty = 32 there Isay TC=128  Reply from Ho.O.O.D.2 byty = 32 there Isay TC=128  Reply from Ho.O.D.2 byty = 32 there Isay TC=128  Reply from Ho.O.D.2 byty = 32 there Isay TC=128  Reply from Ho.O.D.2 byty = 32 there Isay TC=128  Reply from Ho.O.D.2 byty = 32 there Isay TC=128  Reply from Ho.O.D.2 byty = 32 there Isay TC=128	
Plug Lo.0.0.2  The packets are sent with 01- Lay.  Pup rowte for Rowter!  # Show ip rowte.  \$ 10.0.0.0   [1/0] vio 20.0.0.1  C 20.0.0.0   1 a directly counted; seval 2/0  C 30.0.0.0   1 b directly counted; seval 3/0  \$ 40.0.0.0   1   10   via 30.0.0.2  Ping numary from PCO to PCI  > ping ho.0.0.2  Ping numary from PCO to PCI  > ping ho.0.0.2  Ping how H0.0.0.2 byty=32 thus 18mg TTL=12  Reply from h0.0.0.0 byty=32 thus 18mg TTL=12  Reply from h0.0.0.0 byty=32 thus 18mg TTL=12  Reply from h0.0.0	0 00
Pup route for Router 1  # Show if route.  S. 10.0.0.0 of [1/0] via 20.0.0.1  C. 20.0.0.0 of 1/0] via 20.0.0.1  C. 30.0.0.0 of 1/0] via 20.0.0.2  C. 30.0.0.0 of 1/0] via 30.0.0.2  Ping munacy from PCO to PU  > ping how ho.0.0.2 byth 32 byth of data  Reply from ho.0.0.2 byth 32 thus Buy Til-12  Reply from ho.0.0 thus thus Buy Til-12	
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# Show 10 route.  5 10.0.0.0 ola [1/0] vio 20.0.0.1  C 20.0.0.0 la in airently (ormatol, sorial 2/0  C 30.0.0.0 la is dirently (ormatol, sorial 3/0  S 10.0.0.0 la is dirently (ormatol, sorial 3/0  S 10.0.0.0 la is dirently (ormatol, sorial 3/0  Pinging numary from PCO to PCI  > ping numary from PCO to PCI  > ping H0.0.0.2  Pinging 10.0.0.2  Pinging 10.0.0.2 hutth 32 byty of dalg  Reply from 10.0.0.2 is byty: 32 time: 18ms TIL:18  Reply from 10.0.0 is byty: 32 time: 18ms TIL:18  Reply from 10.0.0 is byty: 32 time: 18ms TIL:18  Reply from 10.0.0 is byty: 32 time: 18ms TIL:18  Reply from 10.0.0 is byty: 32 time: 18ms TIL:18  Reply from 10.0.0 is byty: 32 time: 9 my TiL:18  Parhot: 5 mt = h . Received 2H , log+ 20	The packets one sent with 0% Loss.
\$ 10.0.0.0   [1/0] vio 20.0.0.1  C 20.0.0.0   2 harvilly (ormuto); Soval 2   0  C 30.0.0.0   2 harvilly (ormuto); Soval 2   0  S 40.0.0.0   2 harvilly country, Seval 3   0  S 40.0.0.0   2   1/0] vio 30.0.0.2  Pinging munacy from PCO to PU  > ping H0.0.0.2  Pinging 40.0.0.2  Pinging 40.0.0.2 harth 32 bythy of dalg  Reply from 40.0.0.2: bythy = 32 thur 18m3 TTL=120  Reply from 40.0.0   1 bythy = 32 thur 18m3 TTL=120  Reply from 40.0.0   1 bythy = 32 thur 18m3 TTL=120  Reply from 40.0.0   1 bythy = 32 thur 18m3 TTL=120  Reply from 40.0.0   1 bythy = 32 thur 2 18m3 TTL=120  Reply from 40.0.0   1 bythy = 32 thur 2 18m3 TTL=120  Reply from 40.0.0   1 bythy = 32 thur 2 18m3 TTL=120  Reply from 40.0.0   1 bythy = 32 thur 2 18m3 TTL=120  Reply from 40.0.0   1 bythy = 32 thur 2 18m3 TTL=120  Reply from 40.0.0   1 bythy = 32 thur 2 18m3 TTL=120  Reply from 40.0.0   1 bythy = 32 thur 2 18m3 TTL=120  Reply from 40.0.0   1 bythy = 32 thur 2 18m3 TTL=120  Reply from 40.0.0   1 bythy = 32 thur 2 18m3 TTL=120  Reply from 40.0.0   1 bythy = 32 thur 2 18m3 TTL=120  Reply from 40.0.0   1 bythy = 32 thur 2 18m3 TTL=120  Reply from 40.0.0   1 bythy = 32 thur 2 18m3 TTL=120  Reply from 40.0.0   1 bythy = 32 thur 2 18m3 TTL=120  Reply from 40.0.0   1 bythy = 32 thur 2 18m3 TTL=120	Esp route for Kouter 1
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Ping nunage from PCO to PCI  > ping HD.O.O.2  Pinging MO.O.O.2 hith 32 byty of dalg  Reply from HO.O.O.2: byty=32 thm: 18m3 TTL=121  Reply from HO.O.2: byty=32 thm: 18m3 TTL=121  Reply from HO.O.2: byty=32 time=18m3 TTL=121  Reply from HO.O.2: byty=32 time=6 Kmj TTL=128  Reply from HO.O.2: byty=32 time=9 my Til=18	C 20.0.0.0 8 /4 a Westles (nevertal Com 12/n
Pinging MOOO. 2 hutth 32 byty of dalog  Reply from MOOO. 2: byty=32 there is Til=12  Reply from MOOO? byty=32 time=Kmj TTC-18  Reply from MOOO? byty=32 time=Kmj TTC-18  Refly from MOOO? byty=32 time=9 my Til-28  Rechut: Sent = M. Received = M. Log+ = 0	
Reply from HO.O.O.?: byty=32 time=18m3 TTL=121 Reply from HO.O.O.?: byty=32 time=18m3 TTL=121 Reply from HO.O.O.?: byty=32 time= Kmj TTL=18 Reply from HO.O.O.?: byty=32 time= Kmj TTL=18 Reply from HO.O.O.?: byty=32 time= 9my TTL=18 Reply from HO.O.O.?: byty=32 time= 9my TTL=18 Reply from HO.O.O.?: byty=32 time= 9my TTL=18 Reply from HO.O.O.?: byty=32 time= 1000 Reply from HO.O.O.O.?: byty=32 Reply from HO.O.O.O.?: byty=32 Reply from HO.O.O.O.O.?: byty=32 Reply from Ho.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O	> ping 40.0.0.2
Parhy : Six 24, Received 24, Log+ 20	
Rechut: Sent 24, Received 24, Log+ 20	Reply from 40.0.0.2: byty=32 thme 218mg TTL=
Parhy : Six 24, Received 24, Log+ 20	Reply has 40007: Kyty = 32 Tile = King TTC+1
1009 Variables alt walt	Packet: Sent 24 , Received 24 Just 2 M
1811	and they seemed all wall
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1.

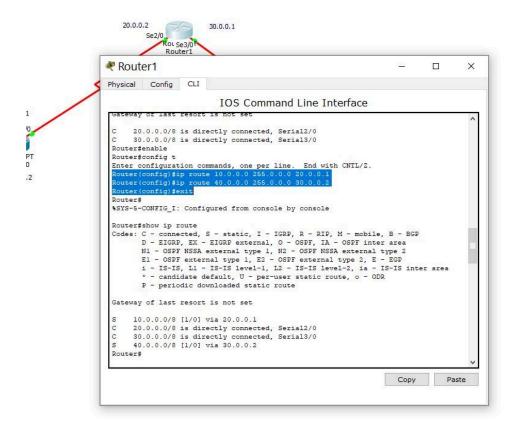
# 2. Topology



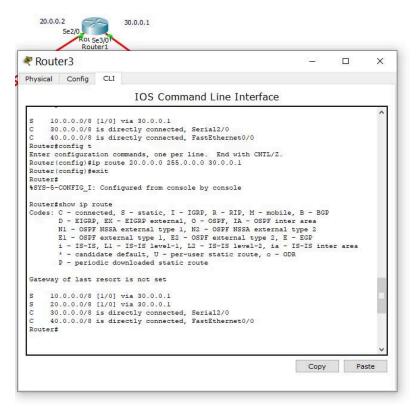
#### 3. Router 0 ip routing



### 4. Router 1 ip routing



#### 4. Router 3 ip routing



#### 5. Ping to different network device

