WEEK 3

Configure default route, static route to the

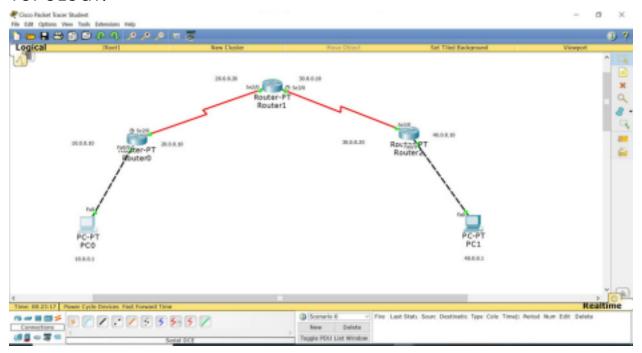
Router. OBSERVATION:

Date 13 17123 Program - 3.1 ATM: Configure default nouter : static soute & the Router. 20.0.0.20 Routor - P7 Router-1 50 20 30.00.20 10.0.0.10 Routen-P Rondon PT Kowa 2 Router=0 FaD. Fal PL-1 40.0.0.1 Procedure Connect 3 Routers and 9 pc's wing copper (2008-own Cable for pe to router and a serial DCF Cable to connect proutor to prowder · Set the IP address of both pc's and respective goterosy namber 3 Roudery get the nespective 2 IP address eg in CLI mode by using there Commande

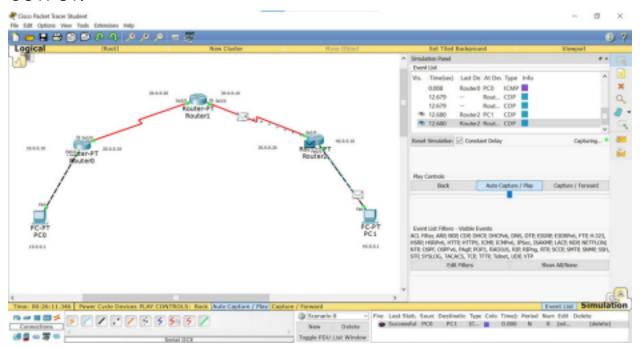
	Date
Strate: To aller	Page
Step 4: To address 10.0.010 255:0.	5.0,
Step 6: Exit	14. 16
Step 7: Interface se 210	
Step 8 IP addrey 20.0.0.10: 255.0	
Step 9: No shut	U.V. Salar
Stepio: Exit	Amount !
Step 11- soid Exit adjud 1.00.000 man	
Repeat these Commands for other two	The state of the s
orespective Ip coddresser	
· For Router 1, set the IP nout of other	
by using following steps	
Stephon Conliga To Shand . 13 days	
Step 2 : TP noute 10.000 955.00	
Step 3 1 Ip rouk 40.0.0.0. 955.0	
Step 4: Exit.	
	Homailo
Step 6: Ishow Ip rowe to the strong	Juntoh A .
For Router o & Rother 2 we set defaults	TP nowles which
For Kouter of Kouter 2 200 To To	tree with any posset
means it can access any Ip ada	ATI
mark! I mark!	W Ca. 1
- 1 1 1 1 To me to his Worldwin	the company.
Step 2 IP route 00.000	0.00 1 20.0.0.20
174eps . Rainter A. E	stop 3 Command for
Step 2 in given por Rower O E	Maria de la companya della companya

PINE OUTPUT! pe command Line 1.3 pinging 40.0.0.1 with 38 byter of data: Request stimed out Reply from 40.0.0.1: bufes = 30 time = 2 mg Reply from 40.0.0. 11. bytes=32 tine=10mg TTL-135 Reply from 40.0.0.1 is bytes=32 time=2 mg 77L=ns For Feelow 1. and that IP heat of other Is at Ping statistics por 40.0.0.1: walked = gried and packets: Sent=4, Recived=3, Lost=1 (2.50/0 los) Approximate ground daip times in milli-second Minimum 2 mg, Martinum = 16 mg, Average = 6 mg, KANS: Esit Observation A default nowt is the soute which takes gled ogren no other gode is available for an Ip address as the deeplination, The pass was the answer If a packet is necioned, the device first checks the Ip destination address if the Ip destination address is not ford the device check its tracking table If the remote destination Subnet is not listed then packet in forwarded to the next hop toward the destination wing the

TOPOLOGY:



OUTPUT:



Physical Config

Desktop

Custom Interface

Command Prompt

```
Packet Tracer PC Command Line 1.0
PC>ping 40.0.0.1
Pinging 40.0.0.1 with 32 bytes of data:
Request timed out.
Reply from 40.0.0.1: bytes=32 time=2ms TTL=125
Reply from 40.0.0.1: bytes=32 time=16ms TTL=125
Reply from 40.0.0.1: bytes=32 time=2ms TTL=125
Ping statistics for 40.0.0.1:
Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
Minimum = 2ms, Maximum = 16ms, Average = 6ms
PC>ping 40.0.0.1
Pinging 40.0.0.1 with 32 bytes of data:
Reply from 40.0.0.1: bytes=32 time=21ms TTL=125
Reply from 40.0.0.1: bytes=32 time=9ms TTL=125
Reply from 40.0.0.1: bytes=32 time=2ms TTL=125
Reply from 40.0.0.1: bytes=32 time=4ms TTL=125
Ping statistics for 40.0.0.1:
     Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
     Minimum = 2ms, Maximum = 21ms, Average = 9ms
pcx
```