

	1
AIM: Configure Is address to Router in packet tracer. Fiploxe the following messages pin Responces, Destination unreachable, Request time out, Reply	1
out, Reply	De 1
Topology:	-
10.0.0.10 20.0.10	-
Routero	_
	_
PCa PCa	
PCo PC1 20.0.0.2	
10.0.0.2	
Final Topology:	
20.0.0.2 30.0.0.1	
	_
Rooters .	
10.0,0.10 20.0.0.1 30.0.0.2 40.0.0.10	
Router 2 Router 2	
PC a PC	
10.0.0.1	•)_



	Procedure:
_	18000010.
	Fox single Router and Two PC's
	1) 2 PC's and one router are inserted to the
	works pace, an connect them by using copper cross-over
	and the second of the second o
	2) Each PC is configurated by a specific IP address
21	and IP address is given by clicking on a
	specific pc, after entering IP address now enter
	Gateway for both PC's
	and the same transport of the same of the
	3) In the router go to CLI and type the
	following commands assessments the sales
	Disst enter no assort points ant 6
	*) Routen > enable is soprebutioning particular
	Rooter # Configur t 33 or of Deriver
	Router (config) # interface Fasteternet 0/0
	Rooter (config-if) # ip address 10.0.0.1 255.0.0.0
	Router (config-it) # no shut
	Routen (config-if) # exiting the continue of the
	Router (config) # intenface: Fasteternet 1/0
	Router (config-it) # ip addxess 20.0.0.1 255.0.0.0
	Router (config-if) # no shut
	Router (config-it)#exit
	Router(config) # exit
	Router #exit
	Router >
	1 1 1 (a , a) b 1 2

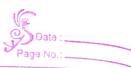


Achiever

After entering these commands the lights between PC and Router will become green Fox Three Router and Two PC'S 1) Add three Router's and two PC's to the waxketer and connect PC's with the Router by using copper cross over and connect Router's by using Serial DCE. 2) Each PC is configuered by a specific IP address and IP address is given by elicking specific Po after that enter gateway for both PC's 3) After entering IP address and gateways enter the following commands for all three Routers. In the routero go to CLI and follow of these commands Router > enable Router # config t Router (config) # interface Fastethernet 0/0 Router(config-if) # ip address 10.0.0.10 255.0.0.0 Router (config-if) # no shut Router (config-if) # exit Router(config) # interface serial 2/0 Router (config-it) # ip address 20.0.0.1 255.0.0.0 Router (config-if) # no shut Router (config-it) # exit Router (config) #exit Router # exit Router >



	sox xouters
	4) NOW for follow the similarly follow the the
	same above commands with ip address as
	30. 20. 0. 0. 2 for se 2/0 and 36. 0. 0. 1 for se 3/0
	5) Now for routers follow same commands with
	ip address of as 30.0.0.2 tox se3/0 and 40.0.0.10
	for tastethernet 0/0
	6) After entering all these commands all the lights
_	are turned green so that circuit is completed.
_	trans
	7) DIn next step we have to teach the router
	of all the networks (static routing)
_	Fox Router 0;
_	ip route 30.0.0.0 255.0.0.0 20.0.0.2
	ip soute 40.0.0.0 255.0.0.0 20.0.0.2
-	1P 800 (E 40.0.0.0 = 25.000 = 20.00 =
-	
	For Roter 1: 10 xoute 10.0.0.0 255.0.0.0 20.0.0.1
	ip route 40.0.0.0 255.0.0.0 30.0.0.2
	10 10
_	Fox Router 2 ?
_	ip roote 10.0.0.0 255.0.0.0 30.0.0.
	ip route 20.0.0.0 255.0.0.0 30.0.0.1
_	
_	8) After these commands pinging can be done
	between P.Co and PC2
_	
_	



Observation
1) Fox single Router
learning outcome:
learning orthoge: we used router to set a connection b/w two end devices at first it shows er Request timed out?? after we ping from one end device to another before showing the result:
end devices at first it shows er Request -
timed out " after we ping from one end -
 device to another before showing the
 result
to the state of th
Result
 The matter of the same of the
 Ping 20.0.02
Pinging 20.0.0.1 with 32 bytes of data
Reply from 20.0.0.1: bytes = 32 time = 0 ms TTL=127
Reply from 20.0.0.1: bytes=32 time=0ms TTL=12+
neply from 20.0.0.1: bytes = 32 time = 0 ms TTL=127
Reply from 20.0.0.1: bytes = 32 time=0mg TTL=127
DE PLANTING
AFFER Ping statistics for 20.0.0.1:
Packets: Sent= y Recieved= 4, Lost=0 (0% Loss
Approximate round trip time in milli-seconds:
 Minimum = 0 ms , Maximum = 0 ms , Average = 0 ms



Achi : VER

	2) Fox three Routers
	Learning outcome:
	*) when we first try to ping 40.0.0.1 from
	10.0.0.1 we get a message destination host
	undeachable
	the state of the s
	+) when we try to ping 20.0.0.2 from to-PCo we get Request timed out.
	we get Request timed out.
	J
,	Result: 1901
	Initially only 3 packets is sent I packet is
	lost and after that Deply can be seen
·	
	Ping 40.0.0.1
3 ا	Pinging 40.0:0.1 with 32 bytes of data:
	Reply from 40.0.0.1: bytes = 32 Time = 7ms TTL=125
	Reply toom 40.0.0.1 bytes = 3020 Time = 8 ms TIL=125
	Reply from 40.0.0.1: bytes = 32 Time =5ms Trl=125
	Reply trom 40.0.0.1: bytes = 32 Time = 11ms TIL=125
	2 3 4 16 5 3 16 1
	Ping statistics for 40.0.0.1:
. 4	Packets: Sent = 49 Received = 49+ Lost= 0 (0% Loss),
	Approximate round Trip time in smilliotseconds:
	Minimum = 5m sq Maximum = 11m s, Average = 7ms
^	en/ 14 de la
	A Traper in a superior part of
0	with the the term of the set the self
+	the of the little to the first second
	min ken ou same it needs!
	304 /ping