Welk-3

Configure default noute. Matic to House.

Endow the following messages: ping nesponses, unreacheable, negress
- Steps:

1) Add 2 PC's & connect them to a generic

pouler. 20 configure the PCs by setting their IP address to 10,00,1 & 20,0,0.1 respectively.

Set the gathrays as 10.0.0.2 & 20.0.0.2 negets

4) Go to command line interface in the route &
enter no for continue with configuration dialogue,

5) Type 'config turninal' & enter those.

6) Type interface fartEtturnet 010' & entre.

1) Type 18 address 10.0.0.2 & 256.0.0.0.

8) Type no sout' & connection is now established

a) Repeat steps 10 to 9 for PC3 & RC4.

1) Connect router 1 & nouter 2 via a nouter 3.

12) All router to router connections via a router 3.

serial DTE & PC to gouter via copper cross-over.

13) Go to nonter 1 CL1 & type (
chable of
config terminal of

intérere rend 2/0 x 1 1 p address 50.0.0.2 255.00.0.0 x no souted

14) Go to nontre 3 CLL & type :

lhable at

config + at

úter face serval 210 d

IP allohurs 50.0.0.1 250.0.0 d

no shift at

The connections blu route 1 & 3 are green.

15) Repeat steps 13 & 14 for south 2 & router 3

16) Go to router 1'CLI & type:

show ip noute winections.

17) We stabledly connect nonters to PC1s by typin

19 nonte 30.0.0.0 255.0.0.0 50.0.0.6 41

19 nonte 40.0.0.0 255.0.0.0 50.0.0.1 41

(for nonter 2):

IP noute 20.0.0.0 255.0.0.0 60.0.0.1 J

(for starte 3):

11 raute 20. 0.0.0 255.0.0.0 50.0.0.1

11 raute 20. 0.0.0 255.0.0.0 50.0.0.1

12 route 30. 0.0.0 255.0.0.0 60-0.0.1

12 route 40.0.0.0 255.0.0.0 60.0.0.1

- 18) NOW date transfer blu PC's are possible
- 19) Before step 17 We can't send packets from one end PC to other end.

PC > Ping 30.0.0.1

Pinging 30.0.0.1 with 32 bytes of deta:

reply from 20.0.0.2: Destriction host unread hely from 20.0.0.2: Destriction host unreadable neply from 20.0.0.2: Perturation host unreadable neply from 20.0.0.2: Perturation host unreadable reply from 20.0.0.2: Perturation host unreadable

After statically obefining the route:

PC > ping 40.0.0.1

pinguig 40.0.0.1 with 32 byths of data:

preply from 40.0.0.1: builth 32 time 2 ms TTL 2 125.

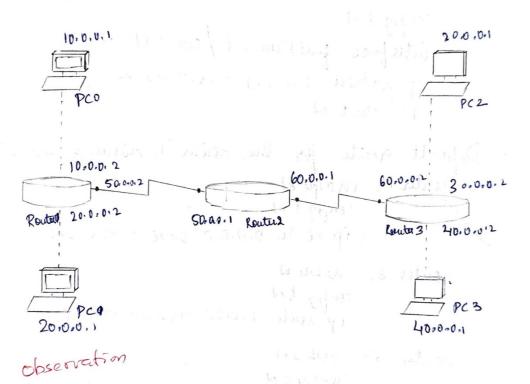
preply from 40.0.0.1: byth 2 32 time 4ms TTL 124

reply from 40.0.0.1: byth 2 32 time 4ms TTL 124

reply from 40.0.0.1: byths = 32 time 26ms TTL 125

reply from 40.0.0.1: byths = 32 time 26ms TTL 125

reply from 40.0.0.1: byths - 32 time. 2ms TTL 2125



8/10 LS 20/6/23

Topology and Output:

