24/11/23 Aim = configuring default rou Topology

Procedure:

of generic PC's, 3 & witches, 3 routes are placed with respective notes with IP'addresses and ports of routes. routers are connected through serial DCE and copper straight is used for router connections.

pet IP addseps, gateway, publish maps
for each PC by clicking on it.

Depeat it for all 6 PCB.

The address and pubnet is interfaud

for both fastefnernet of a as 10.0.0.00

and 255.0.0.0 and serial 2/0 as

40.0.0.1 and 255.0.0.0, router 2

ip default router for router 1

and thip ip done by

ip noute 0.0.0.0 0.0.0.0 40.0.0.2

7 configure router 2 by setting
3 interfaces - fastethornet 0/0 as
20.0.0.3 and 255.0.0.0 and sendal
as 40.0.0.2 & 255.0.0.0 and
senial 3/0 as 50.0.0.1 and 255.0.0.1

acotes percent it con of the router 2 does not have any défault donters and static routing so done for the network command, command, pour los following ip route 10.0.0.0 255.0.0.0 40.0.0.1 ip route 30.0.0.0 255.0.0.0 50.0.0.2 -> configure for router 3 with IP addrespes and public mapk and 255.0.0.0 and serial serial 2/0 with 50.0.0.2 & 255.0.0.0. the default souter for router 3, souter 2 and this set by the command. ip route 0.0.0.0 0.0.0.0 50.0.0.1 Observation: Done router cannot have a default the default router for first router ip the middle soutes because any packets which have to be delivered will go to midall A souter.

pimilarly for 3rd novter default router is middle router. no défault soutes for middle

router because it one of the router is made default then there is a chance, that the packets which are to be sent to the switch are pent to the souter. Repult 200 - 28 0.00 0 Ping 20.0.0.1 pinging 20.0.0.1 with 3d bytep of date request timed out reply from 20.0.0.1: bytes=32, time=)mp, reply from 20.0.0.1: bytes=32, times=2mp, reply from 20.0.0.1: bytep=3a; times=6ms; Ping 30.0.0.2 pinging 30.0.0.2 with 32 bytes of data request timed out reply from 30.0.0.2: by ten=32, Himps=4m) reply from 30.0.0.2: by tex=32, times=4mg Deply from 30.0.0.2: by tep=32, Hmep=4mg