12/11/22 Exp3 - Configuring the default houte to the nouter Topology 20.0.0.10 300.0.20 20.0.0.b 20.0.4 2100 40.0.018 PC PC 20.0.0. Procedure- Place 3 generic houters ~ 2 generic Pci. . Connect the devices · Place the nodes & ip addrews · Click PC -> conby -> fastelhenty set I Padreus -> Settings -> set gateway addre ( Prouto i Padd); Do this for all PC's · Connect the fast ethernet ports through CLI god router · Connect the serial ports to next hop addresses win direct, Connected) though CLI · Défaultionte command: Opproute 0.0.00. 0.0.00 next hopadoben · Use the default nowte command to connect the souter to all the networks available Simulation mode: - Select simple PDU · Click on 2 PC'S Puntime mode: - "Click on PC -> Desktop > Commandpront - Now ping to all the individual ip address of the posts of houters . After the perev step, Ping from one PC to the last

after entering show ip houte command ex 5x 0.0.0.00 [1/0] via 20.0.0.20 is shown 5\* indicates that the gauter is connected to all the available networks via that hop address Learning- It is a den cumleusone procen than definging all ip Toutes. for all networks Simulation mode -> The PDU travels from Source PC to the shouters and then to the destination PC a sends a message back that it is specified successfully Runtime: After Pinging For some cases there may be a request time out Ping again, Now there the will be no packet loss nor request time error. The vooter requires some time to know the the soutes 

Default houte with many Pc's, Switches & houter Topology-50.0.02 50.0.0.3 ho.o.o.1 ho.c. Hosocedur: · Click on PC's -> set gateway addren + I Paddren · Place Connect PCS to generic switches & then connect

then to the network of Growters

Click greater-5 CLI-> set IP addresses for
the posts

To enake the housely learn about after networks
What are n't connected directly are command
ip route 0.0.0.0 0.0.0 nest hop address for

- each serial port of the router.

  · Clickon PC -> Desktop > Command prompt -> Ping
  Observation:
- The light on the switch stays amber for a while + after setting the ip address is hours to green
- · Pinging Occurs successfully to all the enddewill