Anshul Shelly CNIAR IBMISCS129 I)TOPOLOGY Procedure: 1) Place but and 3 end devices Hub 9) the cables to conned them 3) Set IP address for each [PCO [PCI] (PCZ device, along with subject a some and destruction Observations: Whenever a source mode sende data in hetwork, but, receives the Lata and broadcaste at over the network. It sends data to all remaining modes in the network and the node destrustion, addies acknowledge it and rest of the nodes Egnow it BWITCH Observation: End-devices are connected [switch] for a single donice are comments (a) Sends data and sends only to the node whose destination address makely. Switch Procopius : 1) Place network and and dewices nuke conn. approprially

2) send nessage toom PLO to Per Hube -> PCO sandinis, Hub, recous my PC2 | PC3/ and bransmits to Pel & Sevitch referts the ones as the destrination address despent natch. Evitch fraunds message to Hub? and Kubs sciels to PC2 and PC3 street

simultaneously. PCz PCZ ryek 4	acupk ming and acknowledgerba
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Anshul Shitty LAB-2 IRM18UD9 Rouber Joselogy -) -> 1) Place one Rouber PT and two end devices Proudure 2 Connect them appropriately. 3) Set IP address and default gottenay to carli and denice. Configure su router using CII put 1D address same as respective gateway address of the best top. 5) Selet Peo and open command prompt and ping PCI using It's IP address. Obsention -> PCI replies from 10.0.0.20 bytes: 32 Number of packets sent = 4 Number of packets reviewd=4 sion address info that a router can a destruction are in the same network CLI Comands. Configure terminal IP address 10.0.0.10 255.0.0,0 No Shub dons a

IBMIRCS129 Anshul Shetty LAB3 30:0:01 POUTER 30,00.2 20.0.0.1 1 ROUTHS ROUTERS 40.0.0.10 10.0.0.10 TPU 40.0001 10.0.0.1 Obstruction tis this we need Aic ooutin pe willout any loss. address 10.0.0.10 2550.0.6 Bwit

(ing For Stable routing vocater 5 IP route Config terrainal 1P route 2010.002 5000 20.000 Il route 40.0.0.0 258.0.0.0 20.0.0.D (W) o societatio. (III) Router 4 - enals show ip route in route 40,0,0,0 255.0,0,0 30,00.2 1 proposition 10.0.0.0 756.0.0.0 20.00.1 snow prout (N) Routers - enabla show in route config 6 ip route 20,0.0.0 255.0.0.0 30.0.0.1 in route 40.0.0.0 255.0.0.0 30.0.0. creit a how la rout