Program 4

Aim:Configure default route, static route to the Router(Part 2).

Topology, **Procedure and Observation:**

10 Dland John solve AIM: To configure a default route & state route to a scower in a network & very connectivity nton configura connection that PC and models Topology. 20.0.0.2: ptoo pthese sites is + Procedure: 1. Take 3 generic sweeter and 2 PC's 2. connect the reaction through served DCE and AC

40 reserves through copper crossores

2. For each PC set governing address and Frankhein and for even router, set the Ipadobus. For PCD -> ip addres 10.0.0.10 and gathery 10.0.0-1 For pc1 - ip addres 40.0.0.10 & gaterray 40.0.0.1 For Round -> 10 addres. 20.0.0.1 (see) & 10.0.0.1 (feet Exect) For scould by it added 20.0.0.2 (and) & For sever 2 > ipadous 30.0.0.2 (and) & 40.0.0.1 (fortalmos) U. For eventor config in CLI, PTO.

> enable * contig ferminal

interface footsthought 00

in addrew 10:0.0-10 255-0.0.0

ent. production provide de shoulder on existe

This configures connection but PC and evente

5. For static nouting confy:

the config towned # ip route 40.0.0.0 256-0.0.0 30-0-0.2 # ip mette 10.0.0.0 255.0.0.0 20.0.0.1

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· hearthan

There canondo will set the State reseting of every 1.

6. For Default routy.

iproporte 0.0.0.0 0.0.0 20.0.0.2 } ecourti # ipacette 0.0.0.0 0.0.0.0 30.0.0.).

8-0-0-0 means any ip address will be sent to next hop address. The states some of the states

After config. the default ofth, PCD could commicate with extend now, including PCT. The static route enjured that parkets followed we specifed from as given in thatic reasing

off:

1.3.0.01 whop has not only and goldens in 201 59 Rowley O: # Show i personte

C 10.0.0.018 is stradely consider, Fortethaut 0/2 10.0.0.0.018 is downly country country, sever 710-5+ 0-0-0/8 [1/0] Vra 20.0-0.2

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Cower 2: # show ip south C 40.0.0.0/8 is drively conneved, Fastethant 0/6. C 30.0.0.018 is directly cornected, consulted , consulted) 5 + 0.0-0.0/8 1 [1/0] v.a 30-0-0.1 truens of enough # sports RAGI TON L. OF S 10.0.0.0/8 [1/0] via 20.0.0.1 C 20.0.0.0/8 ,5 drewby conneted, send 7/0. c 30.0.0.0/8 is duely councied, sever 3/p-S 40-0-0-0/8 [10] Nia 30-0-0.5. 6 mg 48-0.0.10 project 40-0-0-10 with 32 bytes of data. Reply From 40-0-0-10: hylis: 37 fee=10-5 TTL=175 u - ., procedure: Comment of the party of the second 11-15 gates a love on SI Notices or mover essent . Packety x Sent=4, nevered=4, last=0 (0x loss) 2 class on some southers If config & the Set If address as 10.0.0.) To which the control of control of the control of the orn-o-or member has prime ; more of those some O O . Free y on work 26 F 20 8 10.90 0.5 attended to the second of the 172147 24 22 ---

Screen Shots:



