Name: Shreya Laddha USN: 18MLBCS103

LAB: 3 Routero Se 2 0 -> 20.0.0.2 Se 3 10 -> 30.0.0.1 router 1 | se 2/0 → 20.0.0.1 soute 2 se 30-30.0.0.2 fac/0 + 10.0.0.1 fa 0/0 =40.0.0.1 Pc1 IP - 10.0.0. to G10 -> 10.0.0.1 1P → 40.0.0.10 GW -> 40.0.0.1 Observations. -> Each souter knows only about its immediate meighbouring signals - It doesn't know anything heyond that. -> RI knows about 10.0.0.0 Cy 20.0.0.0 -> Rz knows about 30.0.0.0 cy 40.0.0.0 7 Ro knows about 20.0.0.0 Eq 30.0.0.0 To know about further signal, it should go beyond its end points. Command on CU (for Pouter 2) Renter > enable Router # config terminal Router Config Itt ip soule 20.0.0.0 255.0.0.0 30.0.0.0 Renter (longig)# ip roube 10.0.0.0 255.0.0.0 30.0.0.1 Router (config)# exit Router # show ip soute.

Destination tost unreachable: means that your computer is not getting an IP address from router.

Request timed Out: Esser message means the host we are pinging might be: down or its not known.

Reply from 40.0.0.10: bytes=32 time=16ms Ta:12 means that the ping command from 10.0.0.10 to 40.0.0.10 is successful.