Week-4

Configure default route, static route to the nonter.

· Connect denices as shown in topology · Cet IP: address to all PC's and norter;

for noutre,

enable &

config tal

interface fast Ethernet / serial 010 & 1p address 10.0.0.1 255.0.000 d

no shut &

· Default noute for the nonter 1, nouter 5 and router nouter 1: enable & 1p route 0.0,0.0 0.00,0.0 60,0,0.3

nonter 5: inable of config tel 1 p route 0,0.0.0 0,0.0.0 50.0.0.3

monter 5: unables config t & (p route 0.0.00 0.0.0.0 100.0.0.)

nouting for wonter D, nouter 6, nonter 4 and nouter 2.

→ for noutre o: 1p noutr 20,0,0,0 255.0,0,0 60.0.0.1 ip route 30.0.0.0 250.0.0.0 70.0.0.1 19 norte 40,0.0,0 255.0,00 70.0.0.1 1P nonte 50,0,0,0 255,0,0,0 70,0,0,1 ip noute 80.0.0.0 255.0.0.0 70,0.0.1 10 aprile 100.0.0.0 255.0.0.0 70,0,0.1 p nout 110.0.0.0 255.0.0.0 70.0.01

smilarly for nouter 6, nouter 4 and nouter 2. Output: ping 20,0,0, pinging 20,0,0,1 with 32 bytes of data Request timed out reply from 20.0.0.1: bytez32 time=7m TTL-121 reply from 20.0.0.1: byles+32 time=7m FTL=126 reply from 20.0.0.1: byles = 82 time: 7ms TTL = 126 ping statistics for 20.0.0.1: packets: sent =4, reciend=3, hort=1 (250. loss) Approximate round trip times in milliseconds minimum = 6 ms, Moximum z 7 ms, Average = 6 ms, 10.0.0.3 70.0.0.3 PCO 10.0.0.1 20.0.0.1 30.0.0.3 Router - 5 80.0.0.1 PC- 4 10/10 3000 90,0.0.5 Shuitch-3 1 Se 2/0 Routy - 4 Se110 . 100.0.0.3 110,0.03 Route - 2 40.0.0.3 Routu 3 110.0.0.1 50.0.13 PC-2 40.0.0.1 gwitch-4 Jalli Aro. 50.0.0.1 Pc-3

Topology and Output:

