

23/10/24 LAB-4 EXPERIMENT 3 Configuou default nouteing using 3 sieutors AM = To connect 2PC's and 2 different nettroits via 3 different routers - 06 FAULS POUTIN ह रारुवा वर्ग Router-Pr 30.0.0.1 Plauson 2 1970tuage 8 Router 1 1 Prouto 0 PC- P 19:10.0.0.10 1P: 40.0.0.00 GW: 10,0.0.1 1.000 01 GW: 40.0001 PEO: Commented to subutor 0's interfore Faolo using alcho source source

1.0.0.01: Revelato Hughed

PCI: Comporter to router 2's interface Fa0/0 using

1.0.0.0.0.1 : & & 20.0.10 | 1.0.0.0.1

n) Routon o: Interface Fa 0/0 connected to Pao Routon 1

1R address of Fa 0/0: 10.0.0.1

1P address of Se 2/0: 20.0.0.1

Snottingare Se3 (0 vermented to Planter 2 18 address of Sezio: 20.0.0.2 18 address of Sezio: 30.0.0.1 5) Router 2: Interface Ser/o connected to Router 1
Souterface Fallo connected to PCI 17 address of \$22/0: 30.0.0.2 18 oddsess of Faolo; 40.0.0.1 JBGERVATION & priverelly set evaly borno resort testion axis rego PROCEDURE: Router: Place 3 overled in the middle souters. Par 9 par 2 PC 3 9 southers no 8:29 2 southers and 6:29 grievally ent niej at sellas revasace seo exafretini olos Iretual = 039 exafretini olos satural = 139 2) Configure Router o by whing on the router and enter cui stellars < returns lanisment pyras H reduced Theuter (uniting) # 10 address interface serial 210 Router Cosfig - if)# ip address 20.0.0.2 255.0.0.0 Prouts (verylig - if) # me shut Souton (verylig) # interface servial 3(0 0.0.0.0.00 essention que # (pignes) rotuas am # (pignes) rotuas 3) Consequere Router 1 in the following way Robiter of config torrienal

Olo tensosthered supratui # (pylinai) ratural Proutor (very if) # ip addeless 10.0.0.1 255.0.0.0 buts on # (4i-pilma) robad Proutes (config) # interface serial 2/0 Prouto (config -77) # 1p address 20.00.1 255.00.0 Prouter (confeel -it) # no shoot - 829 out we veryings (E Pco: Click on Pco and set 1P address to 10,0. and sulphy to 255.0.0.0 and deputt go 1.0.0.01 PCI: Click on PCI and set up 1P address to 40.0.0 and sulenet most to 255.0.0.0 and default 1.0.0.04 posteslag Router (config) # ip source 0.0.00 0.000 20.00 Router 2 - Oxforth Routing: 0.0.0.0 0.0.0.0 3000 gg # (gyrau) returned Router 1 - State Routing: Router (config) H 1p ownth 10.0.0.0 255.0.0.0 20.0. Roubo 2 - Statis Prouding: Router (verylig) # ip swith 40.0.0.0 255.0.0.00 30 OBSERVATION: 1) At ventiguealien and calify one correct, you will see encount pund supplies between 8129 ocast ent Estrare 91 wants: estras 4 30.0 storeton at 5.0.0.00 & trague real to procuedly c 10.0.0018 is discolary connected, Forti-troomet 010 C 20.0.0.0 18 18 directly connected, Sexial 210 20.0.0.2 DIE [011] 00.0.0.0 The rung owners con as follows: 01.0.0.04 pmg < 29 Punging 40.0.0.10 with 32 sylos of data: Raply from 40.0.0.10 bytes = 32 time = 6ms TTL = 125

Proply from 40.0.0.10 bytes = 32 time = 6ms TTL = 125

Paply from 40.0.0.10 bytes = 32 time = 10ms TTL = 125

Paply from 40.0.0.10 bytes = 32 time = 10ms TTL = 125

Paply from 40.0.0.10 bytes = 32 time = 9ms TTL = 125 O1.0.0.04 por 40.0.0.10 Ported: Sent = 4, Rocinad = 4, Korf = 9 (0.1 Loss) A uporoumals event brush comes in mulliseconds: Munimum = 6ms, Moramum = 10 ms, Average = 7ms 23/10/24