WIND traffer EX NO: 80 DATE: 10.19.14 a) VIRTUAL LAN a lotal are the advantages? Simulate Vertual Configuration using Cusco Packet Tracel Simulation AIM: PROCEDURE: 1) becale network using 1 dwitch 4 4 PCs 2) Assign IP address to PC 3) Sheek network by sunding packets 4) Right click on switch 4 then on CL1 ruer the foll command # erable # conft # 1/an 2 # name office # exit # vlan 3 # name home 10# exit

Howard face fast Ethered of

Harterface fact Ethund 0/2 Observation # excl port access vlan 2 # interface fast Ethernol 0/3 # switch port access rlan 3 # exit une successfully the the # wheface fast&thered 10/4211 10 1000000 It award port access vlang MAIN de la Horit # exd one one another is him RESI to JUNE tilled 9 Diagrammatic Representation: 0/1 0/2 0/3 0/4 SWITCHO PGO PCI MAPGO 1.PG3 in Just 10.0.0.1 10.0.02 1 20.0.0.2 000 pull

Observation: 2 1/2 2000 hay been ! When packet transferred from PCO to PC! the packets are successfully transferred Surularly the PCs within same vlan packet are transferred successfully whereas for PCs can't transfer parkets out dupled fort access views MAIN at to Jure Lautstatus Source Dest Type Colour Time Peciodic Nun Successful PCO PCI temp D 0.000 N 0

faulted PCI PC2 1CMP D 0.655 N 1 8 It

Result.

Las been stamulated Thus the Victual LAN using asso packet fraces