Name + Albert Ramala Rall no. 7 2001020 Student id , 20711116 Course ) MCA 2B Subject : Computer Networks dues 2 Problem Statement & There are two Organization in a city named GeD and Gehu, design a network b/w uses number 10/ gen and number Objective of we will create a virtual LAM Environment in Cisco Packet Traces that will connect 2 uses of different departments and connection will be established as well as we can see how 2 youter communicate with each other by uning switch. Steps 1 Step 1: 5 we will place node first Inotes 2 Organization named gen and Gehy in same city. SOC deportments User 1 and User 2 in both department, Step 2: > we will place 2 Routers (Routers) and Routes 1), we will as also add 2 switch. Alperto

Step 3.) Connect both youters with serial DTE ieO stp 4: 1 Connect both routers with normal 10 nden 2 Steps: 1 Add 2 system or 2 wer in each user no 1 and user no 1 and 20M ices erent Step 6: 1 Assign IP address to all 4 system Stef 7:7 Now show communication b/w user number 2 of gehru.

Il address of behry users is:

192.168.10.2

IP address of Gehry user 2 is: see h 192.168.20.3. notest Step 8: 1 NOW their one 2 ways to verity

the connection blw 2 wers - 1

1 - By pingging was user by its system 2 -) By sending PDV packets from. we can now see both system are no getting binging throug It of other system I and and sending Step 9:1 por packets and it is also being sent to both system. Auber

DELTA PONO Step 10.) Mence, the are able to communically bolow 2 user of 2 different department in same organization.







