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Ques 1) There is an organization. A with multiple departments.
Design a network for the HR department and the
size of the department is 10 users. Also, show the
communication between user number 1 and user
number 5 of the network.

Objective description:- we need to lan environment
in cisco packet tracer that will show communication
between 2 users.

Steps Steps to perform:-

1) we will place notes first:
       organization A, HR Department and
User 1 to user 10.

2) Add router and switch and connect them
with cable.

3) Add 10 machines named PC0 to PC9 and
connect all machines to switch.

4) Assign IP address to every machine

5) we had assigned IP as follows:-
       PC0 - 192.168.1.1
       PC4 - 192.168.1.5

I am assigning 2IP's because we need to show communication between user1 and user5

6) Now there are 2 ways to verify the connection between 2 users:

   a) By pinging other system IP

   b) By sending PDU packet from 1 system to another.

we had performed both as shown in the screenshots below:

7) we can see the connection is successfull and we are able to communicate between user 1 and user 5 of HR department.

Ques 2) There are two organizations in a city nam~~~

Gehu and Geu, design a network between the

Soc department of GEU & GEHU. Also, the

communication between user number 1 of GE~~~

and user number 2 of GEHU.

Objective we will create a virtual Lan env.

in cisco packet tracer that will connect 2

user of different departments and

connection will be established.

Steps :-
a) we will place nots first.

o 2 organization named Geu and Gehu

b) connect both router with serial
    DTE wire

c) connect switch and router

d) Assign IP Address to all.

e) we has assigned

f) we now again there are 2 ways to
    verify so select anyone.