EXP NO: A 23/8/2024 of months of march plastings

AIM: To setup and configure a LAN using a Morener of Switch and Ethernet cables in your bb-

WHAT IS ALAN?

Ryers to a network that connects devices within a simited area such as office building school, home. It connects demices to promote collaboration and transfer information between users, such as computers purious, surees and switches. A primary connecting unice on a LAN switch can communicate directly with each other, allowing for jast and secure data transfer. un the address Bax and enter Exaderin of a switch

HOW to SET UP A LAN?

STEP1: Plan and besign an appropriate ultruck topology taking cuts account natural requirements and equipment boation.

STEP 2: You can take Accomputers, a switch with 8, 1600 24 parts which is sufficient for network of these sujer and Hethernet cable

STEP3: connect your computers to network suiter via an Ethernet cash which is plugging at one and of the cable to computer 2 other end to suitch.

Step4: Assign IP address to your PCs 1. Log on to the client computer as Administrator or as Owner

2 - Olick Mus & internet connections

3. Right elick LAN -> Properties -> Select Internet Protocol (TCP/PV4) - Properties Selectary following address option

Similarly assign IP address to all the PCS country to switch a pieu mus or supply and the quiet PC-1 IP address 10.1.1.1 Subnet mark 255.0.0.0

PC2-IP address 10.1.1.2 subnet mask 255.0.0.0 PC3-IP address 10.1.1.3 subnet mark 255.0.0.0 PCH-Ir address 10.1.1.4 Subnet mask 255.0.0.0

STEP 5 : Conjegnere a network switch.

1 Connect your computer to the switch. To access the suntch! web integac you will need to connect your computer to the switch useif ethernet cable.

2. Log in to the met integaer. Open a met browser and enter I paddness of a smitch in the addness bar 3. Longique basic settings

A. Assign I paddness as 10.1.1.5 subnet mask e hander truews stor prichate falast 255-0.0.0 and equipment becelien.

STEP 6 - Check the connectivity ressill

575PT: Select a folder - 9 go to properties - ) clicks having Est

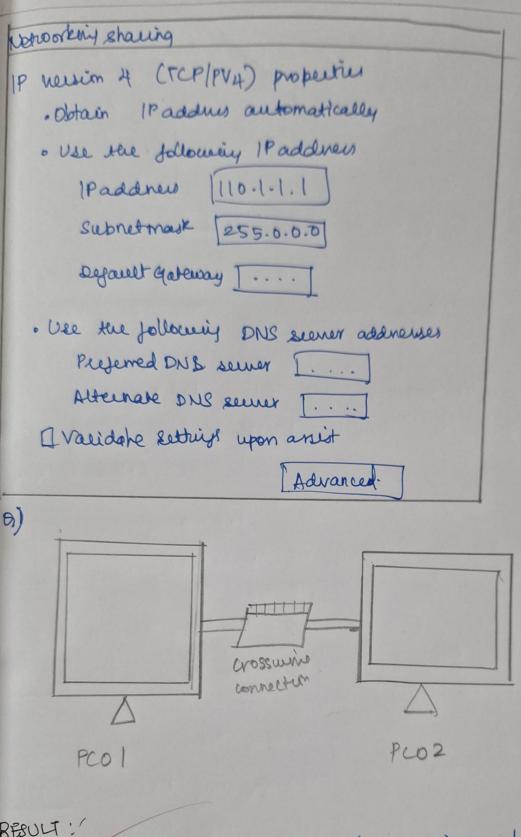
Chare it with

STEPS: Try to access the shared tolder from everyone in LAN other computer of the reducat

are caper to compute of a other and to senitoh. 808914: - Assign 18 address 30 years PCS

I had on to the cheert computer as forminished · Click was I sphemet conservain 3. Right wick LAN - Properties - Select shower

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RESULT!

To setup 2 consigure a LAN using a sunitch and ethernet cables.

Jennyley