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Aim:

the default gaterially and the Setup and configure a LAN (Local Area Network) using a switch and ethernet cables in your lab. and one in the most in the armag and drop it in one I bless the flow of som sense to destination. What is a LAN?

A Local Area Network refers to a network devices within a limited area such as an office or home. It enables users to share resources mu data pointers and internet access. LAN connect political and promote collaboration and transfer information in the property such as computer, printers, servers and switches 93400

How to set up a LAN

stopl: Plan and Design an appropriate Network topology taking into account nervork requirement and equipment boation

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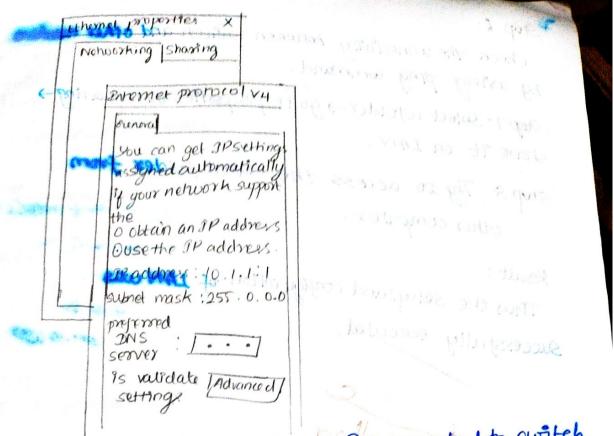
stop 2: You can take 4 computers, a switch 8,16 or 24 ports which is sufficient for network of these sizes and 4 ethemet cables

step3: Connect your computer to network switch is an ethemet cable

Step 4: Assign IP address to your PC's

- 1. Log on to the client computer as administer or owner.
- 2. Click network and Paternet connection.
 - 3. Right click Local Area Connection / Ethernet Go to properties -> solect IP -> click on properties -) select use the following p address option and assign ip address.

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Smilarly assign I paddress to all Pcs connected to switch

PCI - IP address: 10.1.1.1, Subnet mask 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 mask 255.0.0.0

Stop 5; Configure a network switch

1. Connect your computer to the switch.

To access the suffich's web interface, you will need to connect your computer to the switch

2. Log in the web interface: Open a web browser and enter the IP address. Enter username and password.

3 configure basic settings.

4. Assign IP address as 10.1.5 subnet mask 255.0.0.0.

check the connectivity between switch and other Stop 6: by wring ping command. Step 7: Select a folder -> go to proporties click shaving -> share 9t on LAN. step 8: Try to access the shared folder from other computer.

Result:

Thus the setup and configuration of LAN was successfully executed.

House at populate 18/1/19/19 at searphy at whish house R1 3P address: 10. (.1.1, subnet mask 255.0.0.0 FO-IP address: 10.1.1.2, subnet mask 255.0 [Paddress: 10.1.1.3, subnet mask 255.0. tops configure a network switch

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Date

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