

28/8/24
Ex: No 26

TO CONFIGURE AND SETUP LAN

Aim:

Setup and configure a LAN using a switch and ethernet cables in your lab.

LAN:

A Local Area Network refers to a N/W that connects Devices with limited area, such as office building, school or home.

How To Setup A LAN:

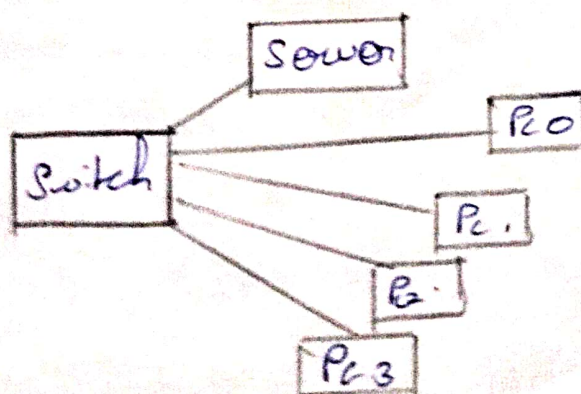
Step 1: Plan and Design an appropriate Network topology considering the requirements.

Step 2: You can take from computer and switch with 8 Ports or 24 ports and ethernet cables.

Step 3: Connect your computer to network switch via ethernet cable.

Step 4: Assign IP Address

- * Login to client computer as administrator
- * Click Network and Internet Connection
- * Go to properties → select TCP → click



STAR TOPOLOGY

Step 5: Configure a N/w Switch

- (i) Connect your Computer to the Switch
- (ii) Log into User Interface
- (iii) Configure basic settings
- (iv) Assign IP Address

Step 6: Check connectivity between Switch and other machine

Step 7: Select folder → go to Prop → click → table → State the network

Steps: Try to access the shared folder from other.

RESULT:

To Setup and configure LAN Successfully.