Scaled and the in terms of following the Aim

Setup and configure a LAN using a Switch and Ethernet cables

- Towards data packets to each How to set up, a LAN?

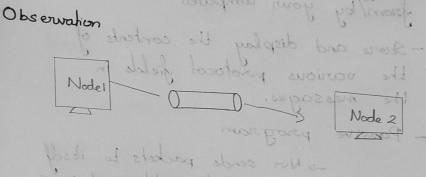
- Step 1: Plan and design an appropriate network topology taking into account network requirements and equipment location.
- Step 2: you can take I, computers, a switch with 8,16 or 24 ports which is sufficient for networks of these sizes and L ethernot cables
- Step 3: Convect your computers to network switch via an Ethernet cable.
 - Step 4: Assign IP Address to your PCs' 1. Log on the client computer as Architecture or as owner.
 - 2. Click Network and Internet Connections
- 3. Right click Local Area Connections/Ethornet-> Gro Lo propperties -> Select Internet Brotocol (TCP/IPV4) -> Click Properties -> . Select IP address option and assign IP address.
 - Step 5: Configure a network switch:
 - 1. Connect your computer to
 - 2/ Log in to web interface 3. Configure basic settings 4 Assign IP address

Step 6. Check the connectivity b/10 switch and other machine by using ping command in the command prompt of the

device.

Step 7: Select a folder -> Gro to proporties ->
Click Shaving tab -> Shave with
everyone on the same LAN

Step 8: Try to access the shared file folder from other computers in



as Receives a copy of all IP Configuration:

Nodel: IPVI Address: 10.1.1.1 affine todal

-> No packets addressed to it

Node 2: IPVL Address: 10,1,1,2

Out come:

The file has been shared successfully

Radus application

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Thus the set up of LAN using switch and Ethernet cable is successful and file