31/7/24 practical-4 sotup and configure a LAN using a switch and ethernet cables & your lab. What is LAN good come to show => A LAN refers to a notwork that connects devices within a limited area, such as au office building school. It onables users to share resources, including data, prenters. LAN connects devices to promote collaboration and transfer into blu users, such as computers, printers etc. Sach countel dept de vies on a LAN switch can communicate directly with each, other . How to set up to LAN : has y step 1: plan and besign an appropriate network topology taking into account network requirement and equipment locations.

step 2: you can take 4 computers, a switch with s coor 24 ports which is sufficient for network of mese fizes and 4 stainet. connect your computers to network suitch via an ethernet cable, which is as simple as plugging one end of the strenet cable anto your computer and The other end into your nte networks. 1) Log on to the dient computer as Admin's ha hor. 2) click Network and Internet conn. 3) Right alicle LA Ethernel -> select use the following op address option and ip address : -> assign Ipaddress to all the pci addr: 10.1.1; 1, Jubnet mark 255.0 PCI -IP " 250.0.0.0 addr: 10.1.1/2, " 255.0,0,0 addr: 10.1.1.3. PC3-IP

addr: 10.1.1.4

" "255.0.0.0

Step 5: confly an network swetch's 1) conn. the comp, to the softch; To access the switch's new interface, you will need to conn. your comp to the switch winty 2) rog In to tree WI; open a web browser sturnet and enter if addr. Of the suftch in the old r. bas. 3) configure basic settings : once you're togged in logged in, you will be able to configure baric settings for the switch. 4) Assign IP addr. as: 10. 1.1.5, subnet mask 255.0.0.0. step 5: check the connectify blu witch and other nachine by using ping command In the command prompt of the device. step of select a folder, > go to proper her > clicle channy tab - share 9t with everyone on the same LAN. Try to access the shared tolder from others computers of the network.

Student abservation: True of the first of 7 cross - wire PC-01 PC-02 in the apply a bus in Light of the confidence of the confidence of At It has a series of the wind of the series A fine and red white was a military of while the state of the state of · U-1. V-222 dion in fight and may find to the a succession of the same of th LA THE SURE OF STREET A PROPERTY OF MARKET WE dealer of the second of the se in the way of the print of of the second of the second is the second of the second second of the second se Result: The connection maye been done successfully.