Bractical-4

Aim:
Setup and configure a LAN using a source cables in your lab.

how to wetup don:

Step 1: Plan and design an apportoprisate network Expology taking into account network vieguisement and equipment location.

Step 2:

You can take 4 computers a bwitch with 8, 46 on 24 parts which is enflicient for networks of these sizes and 4 ethernet tables.

connect your computers to network swich via a ethornet bable, which is rese simple as plugging one onel of the othernet of the into your compouter and other and into your network switch.

Step 4: Assign 1P orderers to your Pcs.

1) log on to the client computer as administrator on as owner.

- 2) click network and internet connections.
- properties -> we lest Internet Protocol -> euckon

 proporties -> welest use the following is addition

step 5: configure a network buitch: 1) connect your computer to the wwitch: To access the twitch's web interface, you will held to connect your computer to the wow'tch wines 2) log in the web interfere: open a web browns en and enter the 17 address of the resitch in the address tour. 3) configure basic settings: once you're lagged in you will be able to configure basic bettings for the switch.

1) assign 14 paddrers as: 16.1.1.5 subnet mask 255.0.0.0. check the connectivity between whitch are other machine by wing ping command in the command prompt of the device. otep 6: velect a folder -> go to proportios -> click shaving tab -> share it with everyone on the rame otepy: LAN. Try to accers the whered folder from the others computer of the network. istep: 8: so repetiend up oner configure a min wand switch and eternet cable is

observation:

PC1: 10.1.1.1 voubnet mark: 225.0.0.0

PC2: 10.1.1.2 submet mark: 225:0.0.0

PC4: 10.1.1.4 Subnet mask: 225.0.0.0

Pez: 10.1.1. 8 soubnet mask: 225.0.0.0.

all his one surcofully wonnected. so the network and they can communicate with each other via switch

· shored blaken is accessible from other eas. confirming network resource sharing.

challange:

ensure no duplicates ips core assigned to devices which can cause connectivity issues.

a felder - of to projection - click sharing

the whenext loters from the

short it with everyone on the no

Result: Thus wetting up and configure a LAN using switch and efformet cable is establised.

De 3/8/w