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| 1. | 16/1/24 | Study of warious network commands wed in Linuxswindows | | & |
| 2 | | Study of Network calles | | 8 |
| 3 | 30/7/24 | Experiments & CISCO PACKET TRACER (Simulation tooks | | 8 |
| 4. | 618124 | Experiments & CISCO PACKET TRACER (simulation tooks Setup and configure a LAN using a switch and Ethornel calle | | 8 |
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Peractical-04 00:04 : 6/8/24 Aim: Setup and configure a LAN (LOCAL ARICA Networks using a switch and expernet calley in your lab. what is LAN? A Local Area Network refers to a network what connects device within a limite area, such as an office building, school or home. It enables were to share resources, including data, pointers and internet access. LAN connects devices to gromote collaboration and transfer information between users such as computers, printers, servers and switches Each directed connected device on a LAN Switch can communicate directly with each other, allowing for book and secure data transfer. How to setup a LAN Step: Plan and design an appropriate network topology taking into account network requirement and equipment location. Step 2. You can take 4 computers, a suite with 8,16 or 24 youts which is publicient Bor networks of these and 4 exhernet called step 3: connect your computers to retwork switch via an ethernet cable, which is simple as ylugging one end of the ethornal cable into your comme

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Slep 4: Assign IP address to your DCs

administrator or as nowner at 10

2 click network and internet connections

Ethernet -> (no to properties -) Solect Internet protect (TCP(IPV4) -> click on properties - solect use the bollowing ip addresses opposition and assign ip addresses

step 5: consigure a necestral switch.

1. connect your computer to the switch TO access the switch's well intersace, you will need to connect your computer to the switch using an ethernet cable

2. Long into the web intorbace: Open a web browser and enter the ip address of the switch in the address boor. This should bring up the login page for the switch's web interface. Enter wername and password to login

3. Consigues basic sellings: once you're consigues will be able to consigues have be switch

mark 255.0.0.0

switch and other machine by using sping command in command prompt by the device

Step 7; select a Bolder -> 90 to propositios-) click shaving tal -> share it with everyone anno etak dinadan on the same LAN step 8 Try to access the shared bolder from others computers of the network, den xin? sawa Student Observation and $ec{m{y}}=ec{m{y}}$, which is the state of the The state of the s when It is planted that it is brosswire 172416.8. SHOWER WERE ACCURATE OFFICE OF white contrading the will think process PC-09 EP Address supporte sight, and seeklike and in the deal will 172276.8 I HAR WALL AND 1986 SPIECE NIPED THE WELL PRODUCT - 20/00 Coop - 2000 - Spacing the Contract of Annal to the and the same of the Thus the setus and configure of studied and observed