Expros to

ATM: Schup and configure a LAN (Local Area Network) using a switch and othernet cables in yours lab.

What is LAM! (local Area Defuert) orefers to a network

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that connects device within a limited area, such

as an effice building, school or home. It enables

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users to shore resources, queluding data, pointers

and internet access.

The and design an appropriate network topology

taking into account network nequinements and equipment location. e) You can take 4' computers, a suitch with 8, 16 or 24 ports which is sufficient for networks of these sizes and to ethernet cables. 3) Connecte your computers to retwork switch via a othernet cable, which he simple as plugging one end of the ethernet cable into your accomputer and the other end into your computer and other end into your network surtch.

4) Assign Ip address to your PCs 1. Log on to the client computer as Administral 2. Click Network and Internet connection 3. Right click total Aria Connection (Effernet - Sue to properties - Select Internet protocol (TCP/IPVE) ->click on property -> select use the following ip address option and assign address. 5) Configure a network suitch: 1. Cornelt your computer to the suitch: To acres the suitche neb interface, you will need to connect your computer to. The suitch using an ethernet cabb 2. Login to the ueb inferface: Open a neb browser and enter the ip address of the Switch in the address bar. This should bring up the legin page for the switcher heb Interface. Enter usconane and pasword 3. Configure baric settings: once yourse logged in, you will be able to configure baric settings for the switch to logen

te Assign IP address As: 10-1.1.5, subnet Mask: 255.0.0.0. 2) Check the connectivity between suitch and. other machine by using thing command in the command Brompt of the device 1) solet a folder -> go to properties -> click sharing tab - sharing it with energone or the same LAN.

8) fry to access the shaned folder from other computers of the networked begalevels supported r error cornection Mary [(2) 2 (6) (6) (6) colored Parks Bits (mi Thus the setup and configuration of LAN & studied and observed.