





Has	ish Rayavando	220° STD.: SEC.: ROLL'NO.:	701007	omputa.
NAME:	Legation of	STD: CAPACIA FORM	7010.87 Ne	twork Observation
IVAIVIL.		SEC.: ROLL NO.: 1	sub.:	150 C1
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S. No.	Date	Title	Page No.	Sign /
	\ <u>\_\_\_\</u>	77 - 11 1 2		Remarks
1.	13/7/2024	Basic Networking	117 1 750C	11.9 N
		Commands.	1-8	24/2 8
2.	24/7/2024		4	
		of network cables.	9-12/00	2112 8
3.	317/2021	study of Packet tracer		3/17
		tool a 1to new interface	13-14	Val (8)
4.	05/8/2024	Letup and configuration	1 1508.	1
	l l	of LAN network using		The (t)
		Cable (( sors).	15-17	
5.	05/8/2021		1	12(9)
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<b>—</b>	21-8-2024	Implement const detection using	•	Viciliza
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7.	92.09.2029	Protoot.	25 - 28	18/9/14
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8a.	9,10,2024	Vistual LAN		Valu
86.	16.10.202	Wireless LAN		(1)
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9.	18.10.2024	phybriething in CISO		V
		Packet Frace		9111
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10.	50.10.2024	Internetworking with		Valu
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Ext. No: -04-121 of retigner may tenner 8 95/2 Date 1: 05:08- 24 12 100 and Configure a LAN (Local Arrea Network) wing an switch and ethernet cables That is LAN?

That is Local Area Metwork (LAN) referrato

The A Local Area Metwork (LAN) In your Cab. ways at simble of nBissA : A golz ( NAI is LAN! a network that connectes device with a knuted onea, such as an office building, school or home It enables users to share resources, including data, pointers and internet access. LAN connection devices to promoter to llaboration and transfer information between wers Tulkings computers, sprinters, forvers and eurither. Each directed connected device on a KAN switch can communicate directly with each other, allowing for fait and sewere data transfer. How to setup a LAN? 20.0.0.00 step1: Plan and idesign an appropriate network topology taking into account network ocquirements and equipment backtion. It ( forming brown and step 2/11. You can take to computere, a suritch 8, 16 08 24 ports which is sufficient for networks of these sizes and 4 ethernet cables.

Step 3: connect your computer to hetwork switch viant an ethunet cable, which is simple as pluggi one end of the ethernet Mro your computer and the other ethanet end 17th your methors step 4: Aesign IP address to your PC. step5: configure a network suritch. 1. connect your computer to the knitch. To accept the switch 's web interface, you will heed to connect your computer to the furth using an Etheret 1941 2. Lograntos the web "interface: open a web and labrers of other witch in this enter the I.P colohers of the surround the logis page for Mintch's web interface. whites. J. Areign IP oddress Ast: 10.1.1.15 y subject mark: 255.0.0.0; ('4A1 D) guler of step 6: check the connectivity between switch Other marking by wing ping command in common prompt of the derice. stop 7: delect antolder in go to proporties

click on sharing, tab -> shore it with everyone from the same LAN.

Step 8: Try to acress the shared files polder from other computers of the network. 80-00: etal altudent observation. Experiments on Packet capture Lludent's observation: 1) Promisuson made is a network ? (MIC) replied that allows could be intercept and sed all retenoch whenty have regiont. Connection. TRP packets do not have transport layer 3) - DN: ( Domain Name sizetan) poinsonily uses upp rebaper02 too its transport buys protous. 14). HITTP Produced once post members the 80 Mg (3). It is a broadenst IP adoluces which is use objoint. to sood peckets to all devius on a superistic Result: Thus the retup and configure of LAN is studied and observed in the thrembogs it with Republe ! whosterde is studied and observed