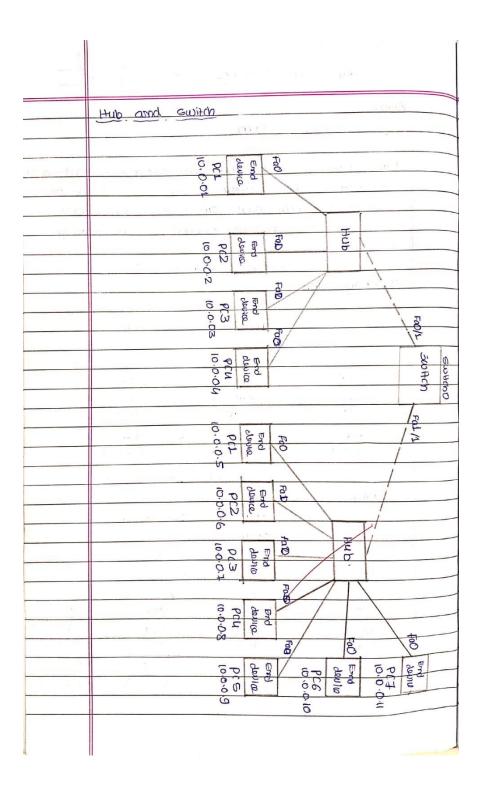
## **EXPERIMENT-1**

Create a topology and simulate sending a simple PDU from source to destination using hub and switch as connecting devices and demonstrate ping messages.

## Observation:

	Intenduction to Cisco Packet Tenaceer Page
	interface overwiew
	The used interface of ciero parket Journal  (emeists of 3 tool bross;  * Main tool book;  fool zoom, Domining palotte, Justom buttons  bialog, edit options etc.  If also includes Netwooth importantion button  temmon Jool book; This toolbook prefets of  woothspare tools like sologi/imsper, More,  Place Note, Delse, Respe, Add simple PDU and
	Add complex PDU:  The forcing Netwoods  Component Box, Device Type solection box,  Device specified solection Box, Uses (xooded)  Packet window  Netwoods component Box provides a way to  the uses to solect different devices and  Component Box provides a way to
,	rigital wooliespace is foor analysing the motument of different physical wooliespace allows working whose of the motions is foor analysing the motions of the motion of the motions of the
,	

	* Types of connectional limbs:
	There are 3 different types of connacting
	The two mayor types of connections cires
	> Coppear-strongh: This is used to
	Common donice that operate be tureon
	different ost layers
	> copped Glass - Over: This is used to
	connact devices that operate in the
	Some OSI BYENCE Clike PC to PC )
+	Simulation Panal In Simulation anado:
	perovides information about the ferminestery
2 360 %	of pockets
	1 8 1
	texpositimani:
	-> GROWING NETWOOKE: (CERMINITY OF JENIOS)
	I steel crown a select end downs hand
	tran add them to the wagerspace
	21 Use copped-spraight-theraugh copped Gross
	over to connect between the devices
	Topology;
To 44	
	Ent) Ent)
	USISM USISM
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	PC-1 PC-2
	PC-2 10:0:0:1 PC-2 10:0:0:2.
	10.0.0.1 PC-2.



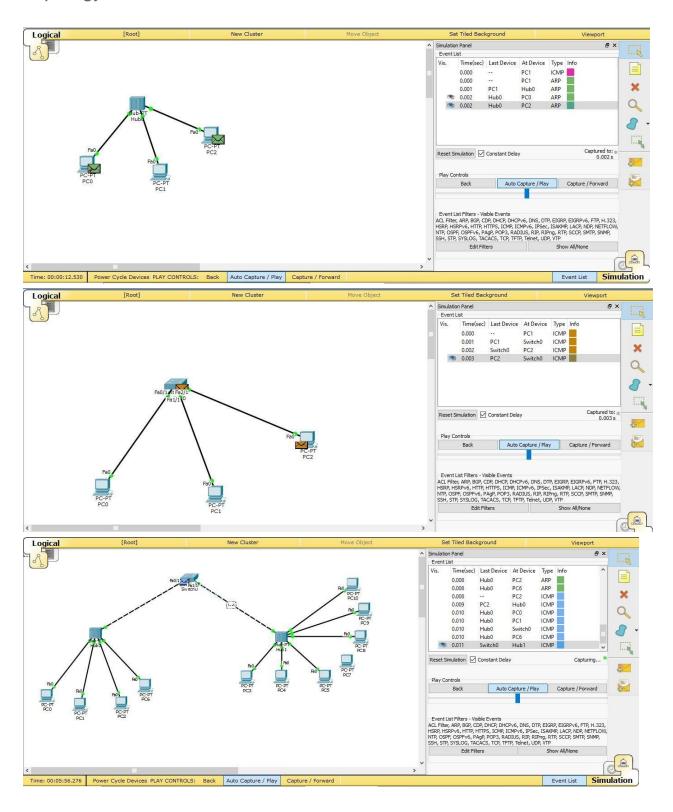
	Date/_/ Page
	Paraduare:
7	Hub:
*	Add a hub and 3 end doutes into lagral
	mostiaspaco.
¥	comment the end devices to the hub using
	coppes starcight connections.
¥	Assign a wright ip address to each end
	device
*	send the simple PDU forom one clevice to
	otnes ·
>	Ping a PDU using command perionit in scalifiano anali
1	Switch:
7	Add a switch and 4 and downer (pas) into
	kgical assisspace.
×	commod the end downer to the switch
	netand coppear stateright commercials.
À	Assign wright IB address to each of the
	ewd, genico.
`	Send the simple PDU form one device to
	other.
¥	Plang a PDU using command persons in
	see your made.
3	switch and hub:
1	Add a switch, 2 hubs and 11 end dours
	inte logical woodispaco.
7	comment 4 and doutes to one hub and
	the ecomaining to the other.
4	connect those two hubs to a switch, using
	coppess connectes.

3	Assign unique (Paddows: foot each device.
<b>&gt;</b> 0	Good a Simple PRU from the end delile
	of one hub to the end device of other
+	In swalltime made plant a message
-	Brom one end device Brom hub-1 de
	other end device in hub-2 using
	commond belombt.
	25.1011 N. 101 D. 10.11(2)
	Rosult:
T	HUB:
	command > ping 10.0.0.3.
-	Pringing 10.0.0.3 with 32 bytes of dato:
	Roply Som 10-0-0-3: bytes = 32 frame= time TTL2128
	Ropey form 10.0.03: bytes = 32 trans=1ms 7+L=128
	Roply grom 10.003: bytes=32 trans=0ms TTL=128
	Rophy from 10.0.0.3: bytes = 32 time: 1ms TTL = 128-
	Ping Steatistics 1001 10.0.0.3:
	Packots: Son) = 4, Roccived 4, Log = 0 (0-1-Loss)
	Apparoximent stomed John Hunos in milli-seconds
	MIMIMUTED = OTHS, MOXIMUTED = COTTS, AVERIOGE 2 OTHS:
- 2	Switch:
	(cammand > plang 10:0:0:3
	Pinging 10.0.0.3 with 32 bytes of data:
-	Roply form 10.0.0.3: bytes=32 time=100s 711=128
	Reply form 10.0.0.3: by/95 = 32 time = 0.005 TtL=128

	Date/_/_ Page
	Roply Brown 10.0.0.3: bytes=32 time=0ms TTL=128  Roply Brown 10.0.0.0.3: bytes=32 time=0ms TTL=128.
	Pling steatistic good 10.0.0.3.  Packate: Sent 211, Roceived 211, Lost 20 (0-1.205),  Appearinmate soward temp time in malli-seconds:  Minimum = Oms, Maximum = Ims, Average = Oms
3	Hub and swach
	00mmmorg > ping 10.0.0.8.
	Plangting 10.0.0.8 with 32 bytes of data:
	Rophy forem 10.0.0.8: bytes=32 time=1kms TTL=128  Rophy forem 10.0.0.8: bytes=32 time=1kms TTL=128  Pophy forem 10.0.0.8: bytes=32 time=0kms TTL=128  Rophy forem 10.0.0.8: bytes=32 time=0kms TTL=128.
	Pind eternistic foot 10:0.0.8:  Discourse stormer follo times to willi-secting:  Minimum = 0 ms, Marimum = 11 ms, Dreside = 3 ms.
,	Description:  Thip: Hyp is a meximostring derive which is  The action of the eight the each tool of the each

- > 5	switch: switch is an intelligent device when
	sends message to sprouted dostroution
	device contr. Figgs it examine the
	gestimation address and seemd the message
1	The she resourcesponding devices.
Charles	- with
0,0,0	Hyberid - Pt to Pt won & swinchool why.
412	Dintegnot - bangbares
25/2	ISPs.
1326	·
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	4
*	
-	410
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	1 1 1 1
1182	

## Topology:



## Result:

