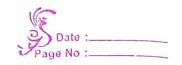


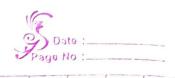
	Expeliment=s
	Aim's Creating a topology and simulate sending.
	a simple POU from soul ce to destination
	using hus and switch as connecting devices.
	Topologg'-
	HUB°-
	HUB Copper Straight
	PCO PCS DC2
	10.0.01 10.0.02 10.0.03
	<u>19</u>
1	Switch?
	Switch Copper strong that
-	PCO POI PC2
	(0.0.0.1 10.0.0.2 10.0.03
	Hybrid .
	Switch (8380) crassone
	Hubo Huba Haba
	PC PC, PC, PC, PC, PC, PC, PC, PC
	9.0.0.01 \$ FGO:01 \$ 2.00.01 \$ 00.00 1.0.0.01
	8.0:0.0  4.0:0.0  4.0:0.0
10.1.1	
	and gar and garage and a second
in it.	, at a second to the second to
1000	



Proceduse:	7
	_
1 => Hub	_
(i) Devices used in workspose: A genesic	1
hub and seven DC12	1
(i) Jb oggress ope Zet for eoch bai	1
by using the configuration tob in the Pr.	1
(iii) DCS alse connected to the Hub	1
using a coppositionist wire	The same of
(ii) In simulation made we can how	
backed data is transmitted and reckind	1
by the end devices through the hab.	The same of the sa
message is transmited to all devices	
by only the destination device beceived	
it.	Total State
(u) in real time made, we ping the	
destination PC from the source PC's	
(comond frompt)	-
=> Switch	
	<u> </u>
Sireneg A -: esoperador ni bazo cessivol (s	
Swiften and it Ac's  (i) IP address one set for each AC's	
by using the configuration tobin the Ac	<b>→</b> ·
Cità els sonnessed de the switch	<u> </u>
using a copper straight wife.	_
(iv) In simulation made All is established	
between two end allicel packet	
transfer can be seen.	B.
W In seal-time made, we ping the destination	1
PC from the soulce PC's command prompt	
To the state of th	7



=	Hybsid
	(i) parices used is markspace. One deuglic grigger
	3 geodic Hubs and 12 Acis
	(i) TP oddsess is set for all the PC's
	(iii) PC's she connected to the Hub's using
,	a copper stronglit will and hube ale
	congerted to the switch using a cross-over
	(2) 86.
	(i) In Simulation made, POV is established
	before on two ACS. packed transfet can be
¥	Seen the sent and the sent to
e-	(a) In seal time reads we son a the destination
	PC Coo be any pc is the network)
	Ister the source pc's commend prompt.
	and the same to th
	Obsarations
	1 1 101 11, 11, 11, 11
	Hub:
	Leosning out come:
	The hub seads enessage to all the end
	devices, but the message is seed only by
3 A 2x 3	the destination device (Note: message is not
17	sent to the source device
	,
	Result:
	> Ping 10.0:0.4
	Dinging 10.0.0.4: with 32 by tes of data:
	Reply from 10.0.0.1: bytel = 32 time=0ms +11=18
	Reply from 10.0.0.4: bytel=32 time=1mg=1=12
	2)



	Reply from 10.0.0. L: bytes 22 time = 0 mg TTEM
-	Reply from 1 Co. O. b: bytes=32 time = 0.mgT TI: 1/2
	Pring statistic for 10.0.0.4:
	locs). Sect = h, Received = h, lost = 0(0%
	Approximate sound trip times in coill-second Unosegorby 2001 = municipal 2000 = municipal
· .	Swideb
	Leakning butcome:
	Switch take time to establish connection
	with a device called leaving time
	Message count he done until the green
	light is established message is only
	sent to the destination daing
	Result:
	AC> Ping 10.0.0.3
	Pinging 10.0.03 with 32bytes. of date!
-	Reply from 10.0.0.3; bytel=32 time=0mg TF1=129
	Reply from 10.0.0.2. bytes=32 time-one 771=121
****	Reply from 10.00.3: bytes=30 time=300 TTT=128
	Ping shotstice for 10.00.3
	Packets: Sest = 4 Peceived=4; Lost=0 (0°6 100),
	Approximate sound typ times in milli-seconds
	Minimum = Omo Maximum = 3ms, Avelege = Ons
- 1	
• ),	



->	Hybrid:
	Leasing Outrome:
	The switch first sends the enessage
	to obtathe the hab so which the
	destination end device is connected
	then the hub sends to all the devices
,	it is connected to then it is recieved
	by destication devices.
	Qesyld:-
	PC> ping 10.0.0.12
	Pinging 10-0-013 with 32 bytes of date:
	Reply from 10.000: bytes=32 fine=0ms 771-128
	Deply Storn 10.0.00: bytes = 82 time-ons TTI=08
	Reply from 10,0,0,12: bytel = 3> +1000 me TIL=128
	Reply 8000 10.0.012: bytes=32 time=005 TTI=08
	Ping Statistics Fax 10.0.0.12:
	Pockots: Seat = to, Deceived = to 100+=0 (006) well
	ABOroxinore bound top times in milliceconde:
	eno= splov A, eno=munixaM, eno= muniain