



	Page 1
	Procedure:
hya ta d	Hub: Shad and colonia topological
	re: Select the end land
10te	TP address suitably. I address suitably.
1 1 1 1	· Select hub as connecting device.
Value	select copper straight - though as
	the devices and
'n	connect tastethernet to hub and
C	· Add simple PAU from source to destinat
	-or) A evice
	· Ping a Pay using command prompt in
	one device.
	a street of the state of the st
	Rout:
	PC> ging 10.0.6.1
-01	Pinging 10.0.0.1 with 32 bytes of data:
	as with the second of the later to the
0.0	Reply from 10.010.11 by tes=32 time = 10ms TIL=
200	Keply from 10.0.0.1: bytes= 32 time = 0ms TTL= 120
	Keply from 10.0.01: bytes 232 time : 18ms 771= 128
adic)	Reply from 10.0.0.1: hytes=32 times 2 ms TTL=128
24	
27	Ping studistics for 10.0.0.1:
	Packets: Sent = 4, Received = 4, lost = 0
	Approximate round trip times in milli-serond
	Minimum = Ons, Maximum = 18ms, Avange=7n
4	1 1 0.0 0t join < 09
	totale to confid SE still 100.001 raigned I
01	IFT colors of sectol place to a color of
	The land consider the acceptant to the object which within I am

IS TO	Date//, Page
	Observation
	. The packet transmission start from source den
	tice and reaches the hub.
15.4	· Hub sends the packet to all other device
	connected to it.
	· The dortinated device receives The packet
in	and sends signed back on acknowledgement
all	stating it has received The packet.
	· Other device ignore the packet.
	· The packet transmission takes place in
	the above scenario everytime.
14	son - Emminos Western Will By Tour -
	The second secon
	Switch
	Procedure:
30	· select the end devices and change their Paddos
1	· Select switch as the connecting device
	· Select copper straight through as a connection
	wire beth the end devices and switches
37	· Connect the fastethernets to switch ports
1/61	· Add simple PDV from source to destination
	D' pou cising
2	· Ping a command prompt in one device
1	Education probability with Longry at rolling the
	Result
	PC > ping 10.0.0.1 Pinging 10:0.0.1 with 22 butes of data:
	Pinging 10.0.0.1 with 32 bytes of data:
	Redy from 100.0.1: hites 220 11 - 0 991 -108
	Reply from 10.0.0.1: bytes=32 time=2ms TTL=128 Reply from 10.0.0.1: bytes=32 time=4ms TTL=128
	J. J
	Charles of the Control of the Contro

Dotter 4
Reply from 10.0.0.1: byjes=32 time=8m 771=128 Reply from 10.0.0.1: byjes=32 time=8m 771=128 Pine Statistics D. 10.
Reply from 10.0.0.1 1 to 32 time= 8m TTI=128
5 bytes = 32 time'= 3ms 972=128
Pine statistics for 10.0.0.1: Packets: Sent = 4 1 Received > 4
Approximate round trie ties ties
Approximate round trip times in millingeronds:
Minimum = 2 ms, Maximum = 8 ms, Average = 4mg
100 11 100 100 100 100 100 100 100 100
Observation:
· The packed !
· The packed transmission starts from source
· Parice and reaches the switch.
· Switch sends the packet to all devices connected to it.
· The destinated device receives the packet and
sculs an acknowledgment back to switch stating
it has received the packet.
· Switch remembers the device sending the ackn.
-ocoled gament and only communicates with that
delice for further transmission.
Other devices do not receive the packet from
HOOF TEANSMISSION.
Minimum : Day Waxionin & & Syms , Alunger &
Hul & Switch.
Observation
Procedures assumed from the
· Select the end device and change their
by address, of the grand with a
· Select hubs for end devices and for connecting
derices. Select switch as connecting device
of hubs.
· Select copper staight through as connection wine better

	The state of the s
I	the end devices and hubs.
	the end denice and connection wire
1/2	• Select copper crossover as connection wire between hubs and switch.
	between hubs
	· Connect fastethernet to ports.
	· Connect fastethernos scource to destination
	device. O: a PDU using command primpt in
	· Pine a 100 osig
	one device.
	Ength was all was
1	Result: 1000 and
-	Pinging 10.00.1 with 32 bytes of data:
	1 00 H 00 9ms T7/ 5128
3	leply from 10.0.0.1: bytes=32 time=9ms TTL=128
	Reply from 10.0.0.1: 5ytes=32 time=19ms TTL=128 Reply from 10.0.0.1: 5ytes=32 time=19ms TTL=128
	Reply from 10.0.0.11 bytes = 32 time = 4ms TTL=128 Reply from 10.0.0.11 bytes = 32 time = 0ms TTL=128
	Keply from 10:00.1. 091
	P' 21 11chic For 10:0-0-1!
	Polote Sent = 4 Keceived = 4
	Approximate round trip times in milli-second!
	Minimum = Oms, Maximum = 19 ms, Average = 8 ms.
	Thinimum 2 mg that the same and
	and the second of the second o
	Observation:
17	· The packet transmission starts from source
	The packet transmission
	device and reaches the hub.
	· Hub sends packet to switch, and from
	- 111 11 A do on the so loub.
- 2	· Hub sends the packet to all other de
12	· Hub sends the packet to all other device connected to it. • The destinated device recipes the packet

and sends back an acknowledgement
stating it has received the packet.

• Other device ignore the packet.

• The packet transmission takes place in

inthe above scenario everytime.