

PROCEDURES > Select a generic hub from the bottom left corner. - Select PCs from and devices en the bottom left corner. -> Set IP address for each of the PCS. > Il addresses should be urique. -> Select Copper Straight-Through from Connections from Bottom left corner > Select Fast Ethernet from pc and available port from hub and connect them. > If the connection is right a green color will appear. > In simulation mode, add somple PDU select 2 devices and click outo capture/ - In realtime mode, go to command prompt and peng a device, you should observe the results of packets sent, received and lost. > If no of ports exceed, add more porte to the hall by surtching off the hub.

-> Select a generic suitch from the bottom-left > Select PCs from the end devices in bottom left -> Set unique IP address for each of the distices -> Select copper Straight-Through from Connections in bottom left corner. -> Select Fast Ethernet 1/1 for eg. from switch and FastEthernet from dwices and connect them > Ferst use observe an Amber color. -) After sometime the color turns to Green. -) In Simulation mode, add simple PDU, select 2 duices and click auto capture/play. In realtime made, go to command prompt and ging a durce, you should observe the results of packets sent, received and lost,

OBSERVATION

Hul:

- I thut is not intelligent, it gives information to all devices.
- ritially 6 ports are available, then if we want to add more & devices, well have to add

mere ports by switching it off.
With per
Switche
> Initially when the correction is
made, me see an amber color
> Then after some time we see the agreen
color.
> Amber color means that the switch is
not ready for communication.
and the state of t
Learning:
-> Hub and switch are on the higher layer
ma awas Hence of connection
multiple and and and
THE CLON-OLD COLORED
and switch belong to so
hence can use ows copper straight through.
> Hub and switch do not have IP addresses.
-> The penk package was have IP addresses.
True Protocol Spanning
Plus sends mans
> Hub sends menages to all ports
Switch only sends messages to selected

PERULT:

Penging 10.0.0.3 (with 22 bytes of data;

Reply from 10.0.0.3; bytes = 32 time = 0ms TTL=128

Reply from 10.0.0.3; bytes = 32 time = 0ms TTL=128

Reply from 10.0.0.3; bytes = 32 time=0ms TTL=128

Reply from 10.0.0.3; bytes = 32 time=0ms TTL=128

Sent = 4, Received = 4, lost = 0

Switch:

Panging 10.0.0.6 coith 32 bytes of data:

Reply from 10.0.0.6: bytes = 32 time oms TTL = 128

Reply from 10.0.0.6: bytes = 32 time oms TTL = 128

Reply from 10.0.0.6: bytes = 32 time oms TTL = 128

Reply from 10.0.0.6: bytes = 32 time oms TTL = 128

Sent = 4, Received = 4, Lost = 0