VIT-AP UNIVERSITY, ANDHRA PRADESH

Lab Sheet 4b : Understanding Working of a Switched Ethernet using CISCO packet tracer.

Academic year: 2020-2021   Branch/ Class: B.Tech/M.Tech
Semester: Winter   Date: 27/02/2021
Faculty Name: Dr.HUSSAIN SYED   School: SCOPE
Student name: IPPILI.PAVAN SANTOSH   Reg. no.: 19BCE7237

AIM:

To Understand Working of a Switched Ethernet using CISCO packet tracer.

Observation: Min of 6-7 points of observation

1)For creating a network we used 4 pc and 2 switches.
2)For connecting the pc with the switch we used copper straight through cable as they are two different devices and to connect switch1 with switch 2 we used copper crossover cable.
3)Add ip address to all pc's with unique ip address and set configuration with switchs.
4)Configure the switches by following commands
en,config t,hostname **,interface vlan,ip address **,no shut**
5)now the network is established to check send a package from pc2 to pc0
6)now run the simulation to see the results.

Snapshot: Practice exercise snapshot from CPT.
Setting pc ip:

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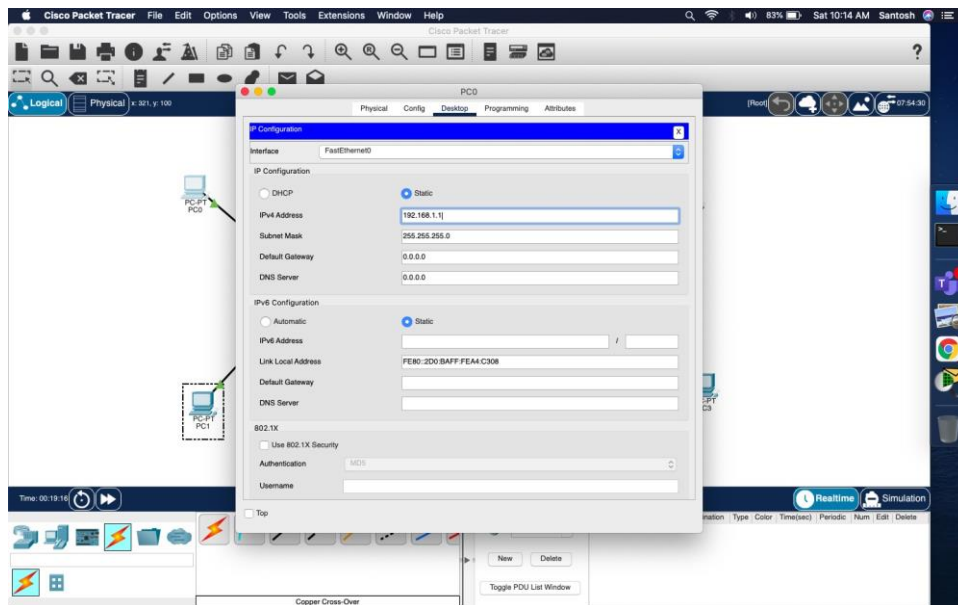
Setting switch config:
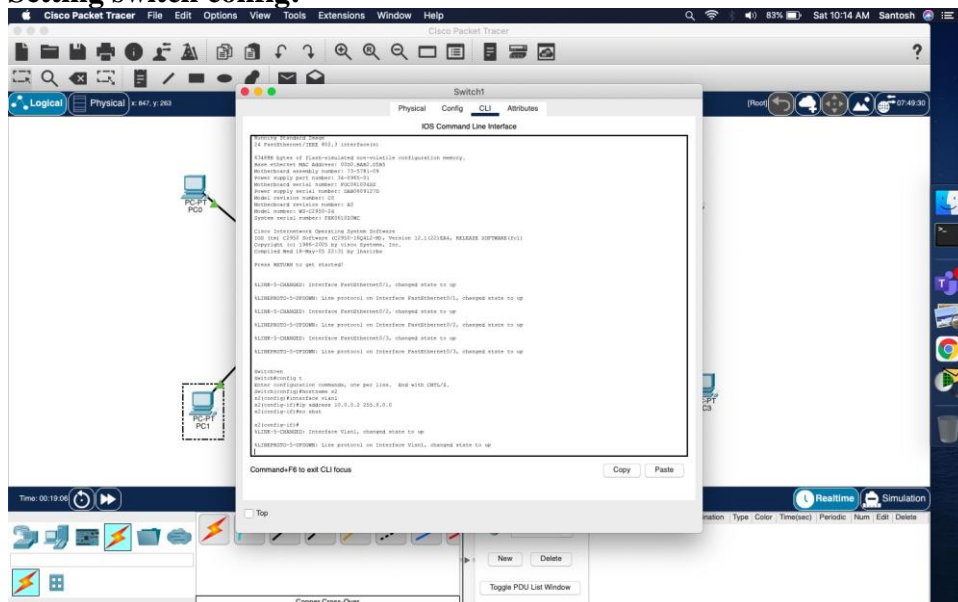
Enabiling configurations:

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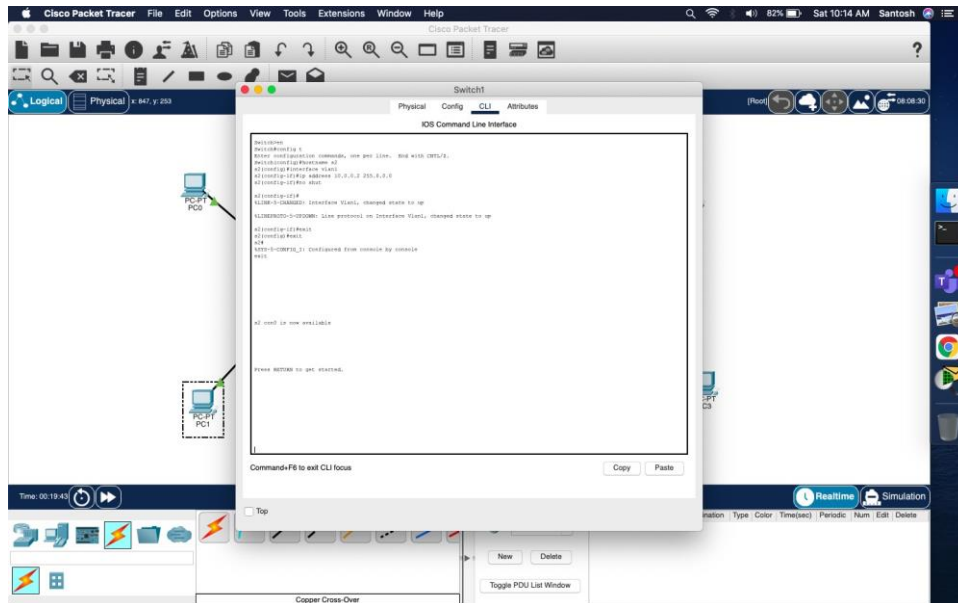
Sending of package:

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC2	PC0	IC...		0.000	N	0	(...	(delete)

Simulation:

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