

EX3: CONNECTION BETWEEN TWO LANES

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Procedure:

1. Connect 3 PCs to a PT Switch and 3 other PCs to another PT switch with the connections.
2. Now Place a 2911 router between the two switches.
3. Make connections from switch 1 to router and switch 2 to the router. We need to select Fast Ethernet 3/1 at the switches. We need to select Gigabit 0/0 for 1 switch and Gigabit 0/1 for the other switch at the router and make the connections.
4. Enter IP Configurations for all PCs. PCs of the same lane have similar IP configurations. (E.g.: 10.0.0.1 to 0.3 for one lane and 192.168.10.1 to 10.3 for another lane).
5. Change the config in router set the IP configuration gigabit 0/0 Let it be 10.0.0.10. This also needs to be entered as the default gateway of the PCs of the first lane.
6. Now once again, in config, set enter IP configuration of gigabit 0/1 192.168.10.10. This is the default gateway of 2nd lane.
7. Now that all the connections are done, click on Simulation and send a simple message from PC of one lane to another lane, say, PC0 to PC4. Press play.
8. The simulation can be observed.

