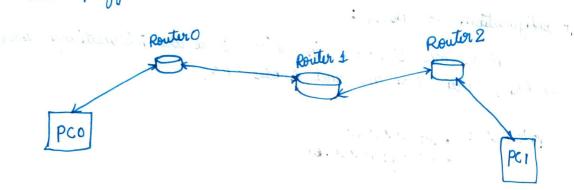
Dao computer Networks Stryun A.S. is the immen hab now week ; 3 point in production with delagated & Experiment: Ping responses IP configurations for Nodes: There are 5 nodes in which three are intermediary nodes (nouters) and two are end a nodes (PC) ØX-PCO: 41P: 10.0.0.10 " gatiway: 10.0.0.0.01 \* PCI: 1 IP: 40.0.0.10 gatway: 40.0.0.1 \* Router-O [PT-Router] \* Fa0/0: 10.0.0.1 which is connected to pco Se 8/0: 80.001 which is connected to Router 1 \* Router - 1 Se 210: 20.0.0.2 which is connected to the Router \* Se 3/0: 30.0.0.1 which is connected to Router 2 \* Router - 2 \* Fa 0/0: 40.0.0.1 which is connected to PCI \* Se 2/0: 30.002 which is connected to fouter? with these configurations when we tried to ping PI (40.0.010) from po (10.0.0.10) the ping response was distination unreachable path between the sender and receiver. Each nouter is configured with the noute so that all the networks can easily eachange the data. commands executed in each nouter nouter> enable , John all nouter 7# show is noute router # exit router# config turninal

After this, when toiced to ping the PCI. The ping response of 4 datapackets were acknowledged showing the successful communication. Exportant : Fing - From

The topology is



## Outcome

- In order to establish peoper communication with multiple networks persper nouting is required.
- This gentling is specified in the grouting stable of the each nouter in the network.
- \* Ping suspense saying "distination unreachable" is shown when the proper nouting of the nouters are not done.
- After successful configuration of the scouters, when Upon pringing the PC on the network success message saying . 0% data loss along with TTL values and other parameters & is seen.

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