Lab-0 1st CN LAB

Open Cisco packet tracer app? Student

In the left bottom corner from the end devices, select a generic mode & a generic server

Click on them, a dialog box appears

Under the Config tab (fast ethernet tab) set the IP address as 10.0.x, IP address should be unique for each device in a network. It is a 32 bit IP address. First 8 bits for network & the next 24 bits are for host

- Click on subnet, it'll automatically set value, 255.0.0.0 in this case
- Rename the device needed
- Select the connector from bottom left corner, copper/copper crossover
- Click on both devices & click fast ethernet, a connection is found
- Then click on the packet symbol from right panel & click on device to send packets
- Bottom corner in right, mode's can be selected
- In simulation mode, you can add PDU & click on auto capture

My first PT Lab

- Launch Packet Tracer
- Create network with generic PC & generic Server
- Select copper Straight cable & connect PC & server
- Configure IP address
- Select simple PDU & click on both devices
- Finally click on auto capture & animation can be viewed of packet flow in simulation mode
- Realtime mode, open command prompt & ping using commands & destination IP address

Topology

Result

PC>ping 10.0.0.1

Pinging 10.0.0.1 with 32 bytes of data

Reply from 10.0.0.1 : bytes=32 time=2ms TTL=128