

CN - I LAB

IP: 10.0.0.X

Subnet: 255.0.0.0 - 32 bits

first 8-bits for host
24 bits for network

FastHandel

Cisco Packet Tracer Student Software

→ 2 types of workspace:

- 1) Logical Workspace - connections can be made in a variety of ways among various devices against blank background
- 2) Physical Workspace - Map-like layout, required while planning

→ 2 different Modes:

- 1) Realtime Mode
- 2) Simulation Mode

→ PDU

- 1) Simple PDU - system defined
- 2) Complex PDU - user defined

Connections colour codes:

- 1) Red - wrong connection
- 2) Green - ready for communication

Types of copper cables

- 1) Copper straight (1) - strong black without breaks
- 2) Copper crossover (1) - strong black with breaks (used for ethernet ports)

Guide:

This PC/C : / Program Files(x86)/Cisco Packet Tracer/
Help/Default / index.html

Lab I:

1. Add a node (generic)
2. Add a server
3. click on the devices and set the IP addresses.
The name of the device can be changed.
4. Connect the devices using the copper cross-over wire. Shows 2 green lights on both ends.
5. Add simple PDU.
6. Auto capture the transfer
7. Save the file.