Building a simple network

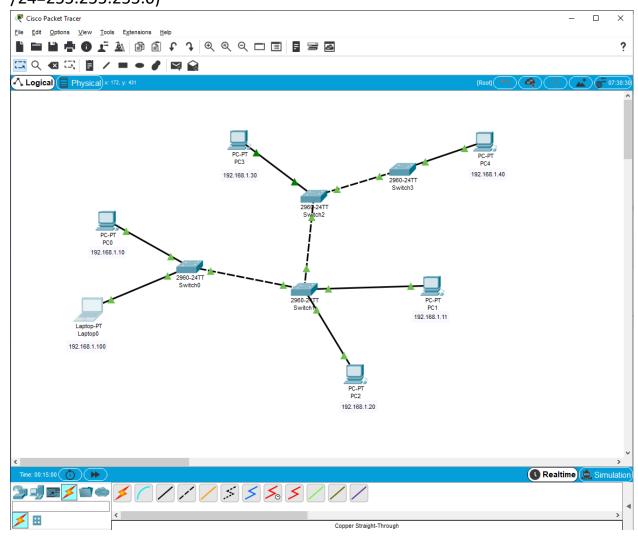
Select PCs \ Laptops as user devices

We will use 2960 switches

Connect devices of the same type with a cross cable

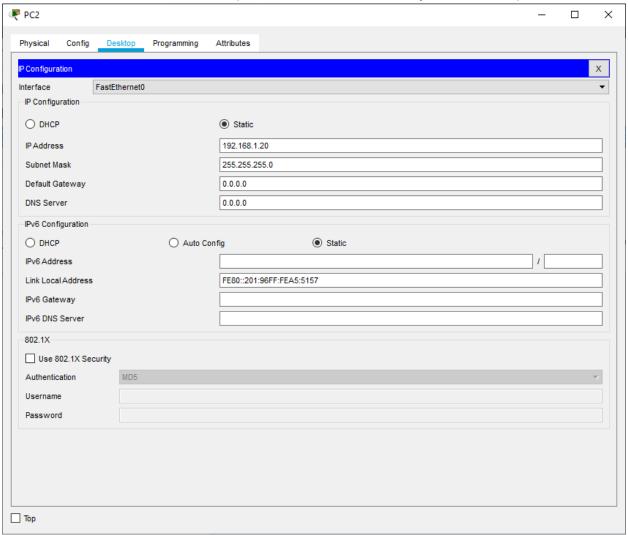
Connect the PC to the switches with a straight cable

Assign an IP address to each PC, for example will be used 192.168.1.0/24 (mask /24=255.255.25)



Open any PC, go to the Desktop tab and open IP Configuration

In the window that opens, enter the IP address in the IP Address line, enter the mask in the Subnet Mask field (24 mask is automatically substituted)



We use the ping command to check the network, for this on any PC you need to go to the Desktop tab and open Command Prompt
Then enter ping (for example, with PC2 ping 192.168.1.10)

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Physical Config Desktop Programming Attributes

Command Prompt

Packet Tracer PC Command Line 1.0
C:\reping 192.168.1.10 with 32 bytes of data:
Reply from 192.168.1.10 bytes=32 timedins TTT=120
Ping statistics for 192.168.1.10 bytes=32 timedins TTT=120
Ping statistics for 192.168.1.10 bytes=32 timedins TTT=120

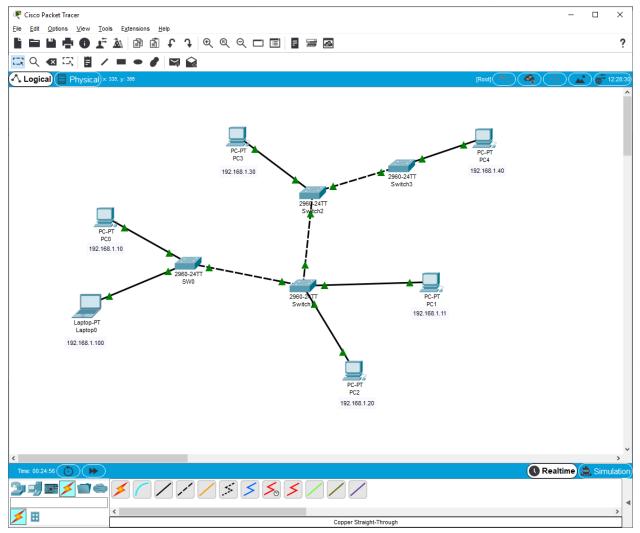
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:

Minimum = Ons, Maximum = Ons, Average = Ons

C:\red

Top
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For convenience, you can rename the switches on the diagram and in the switch itself



Click on the line with the name of the switch on the diagram and change it to any other (Switch0 -> SW0)

Open the switch and go to the CLI tab

Press Enter

Go to the privileged mode, enter en (from the word enable)

Then go to the configuration mode with the command conf t (config terminal)

Then enter hostname% NAME% (hostname SW0)

