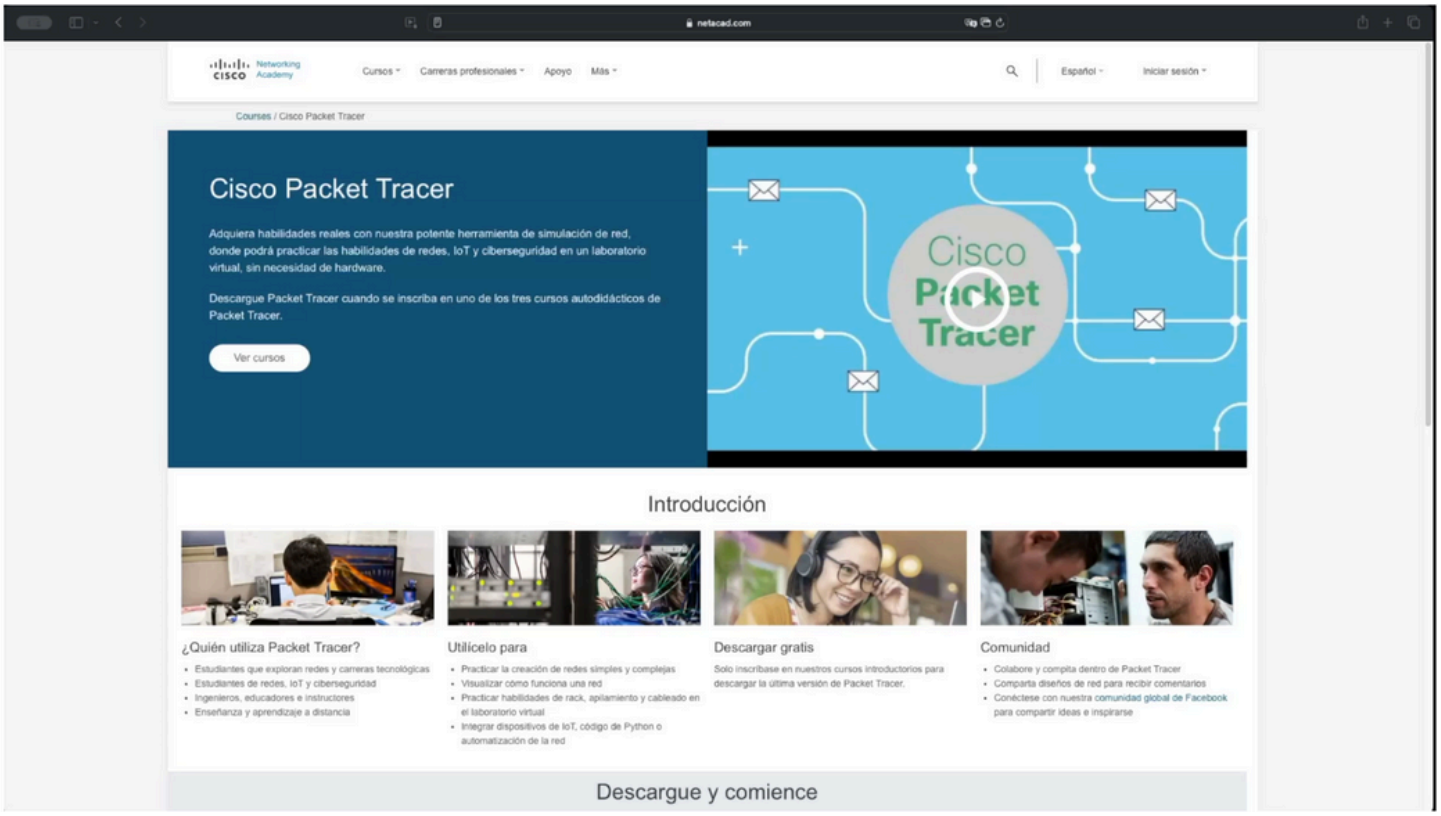
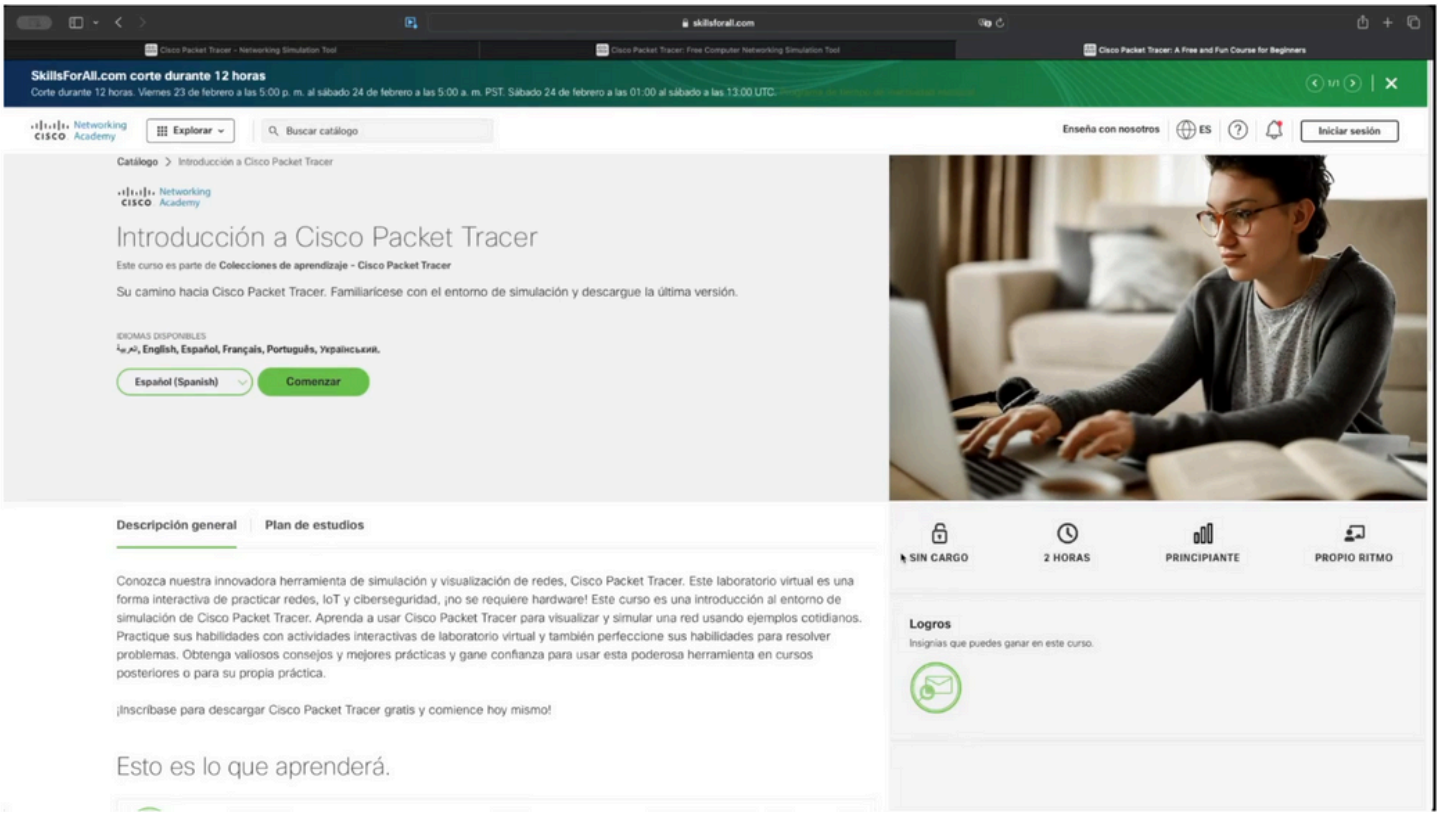
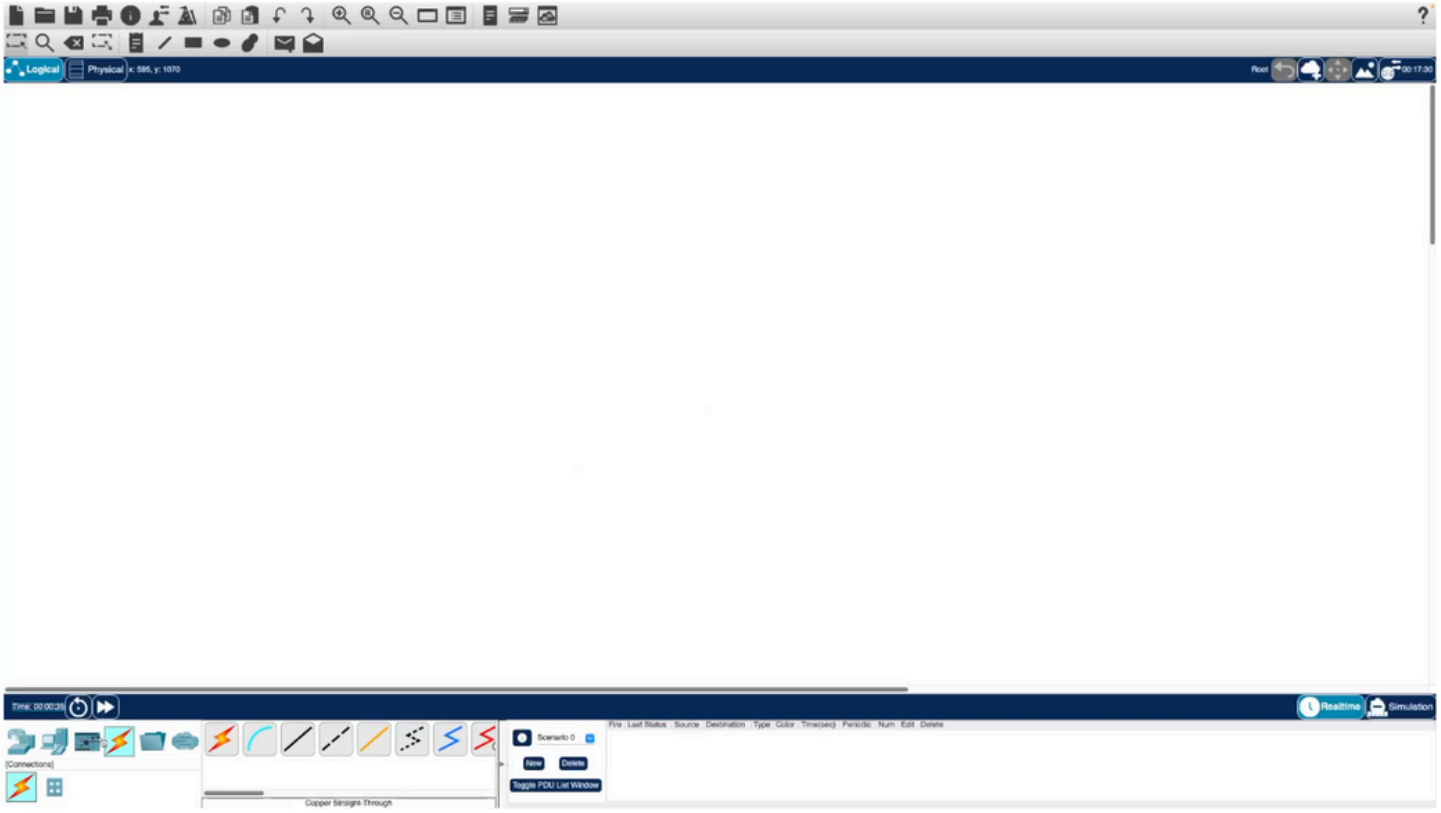
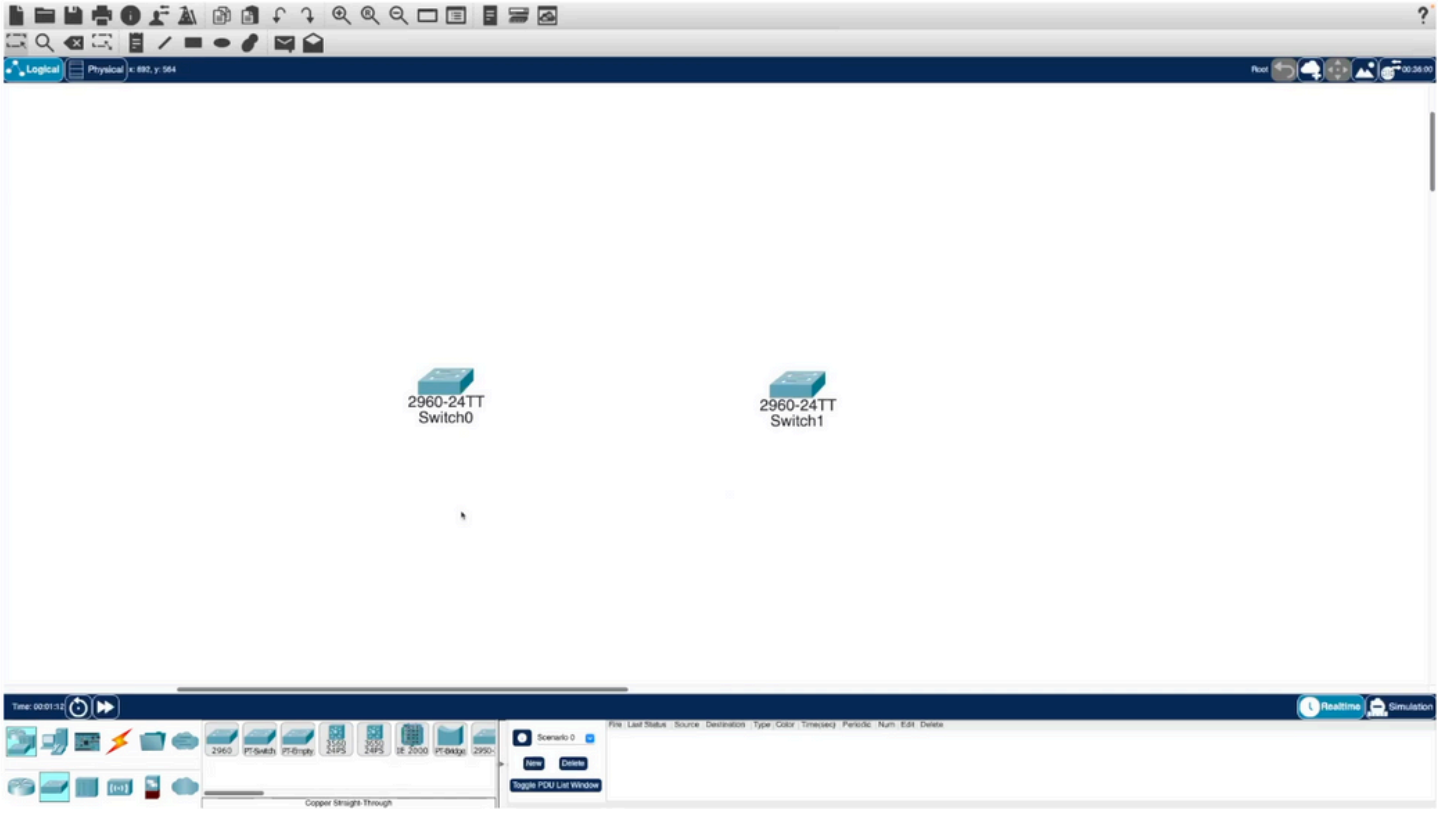
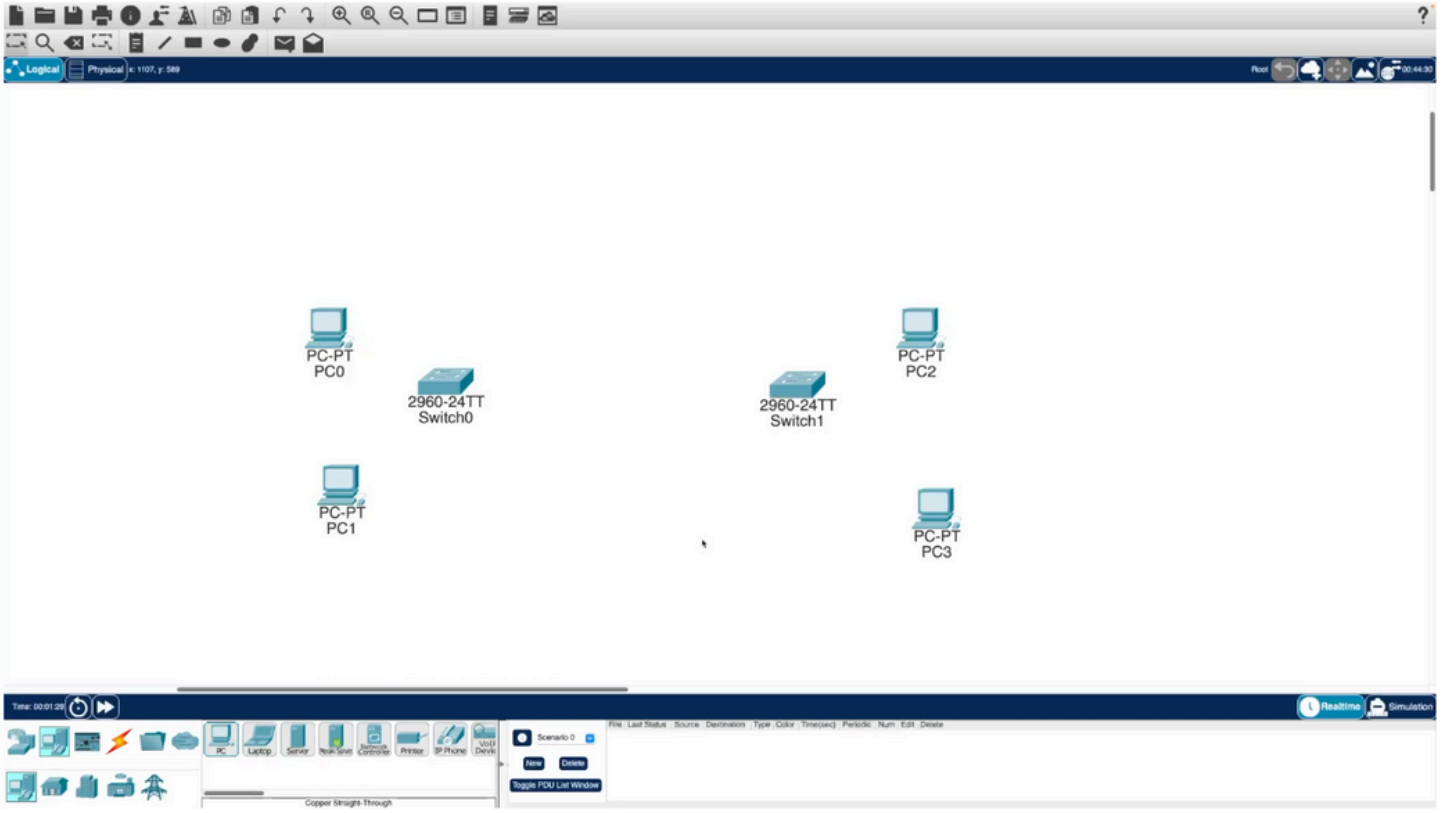
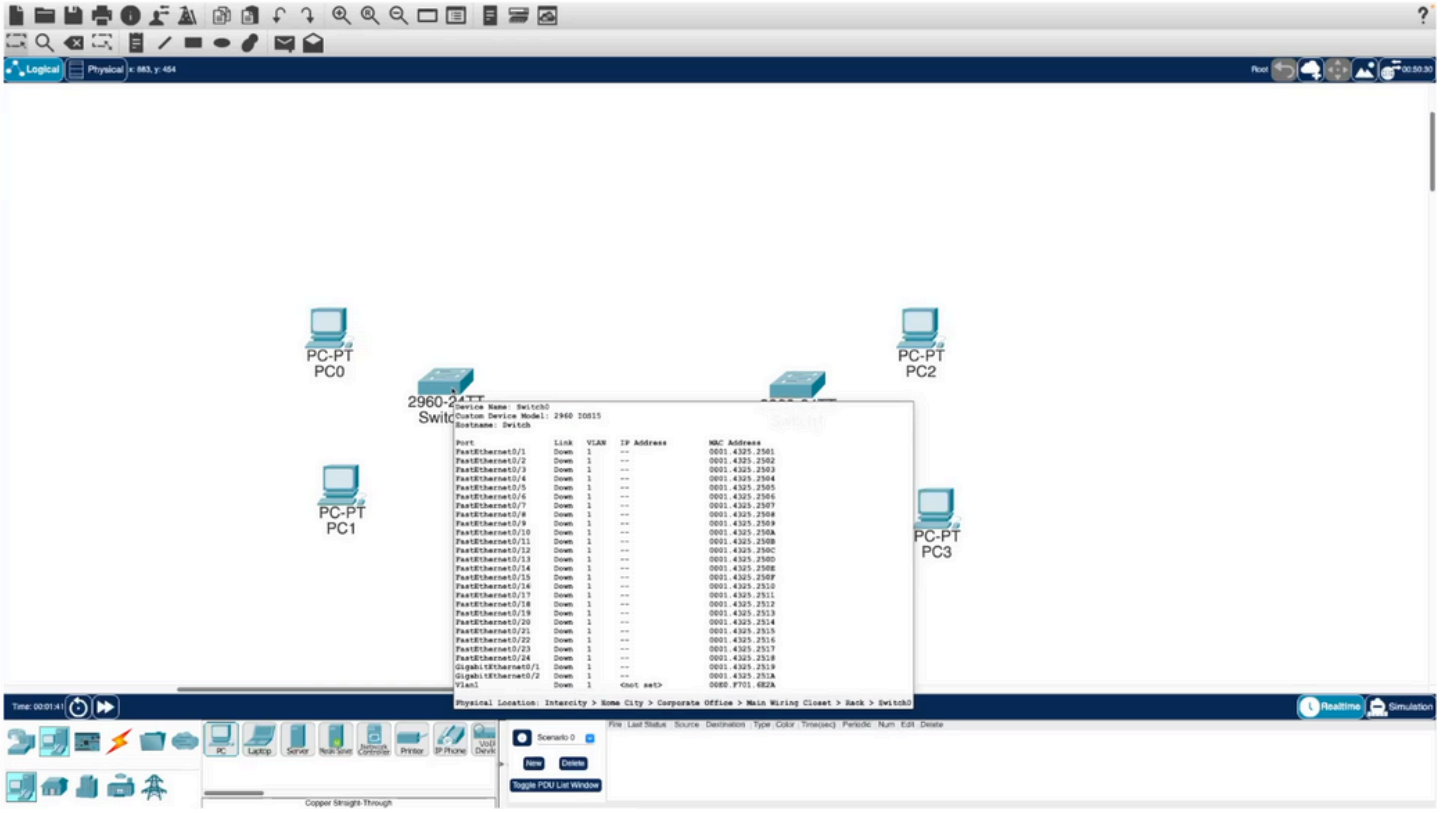

netacad.com
Networking Academy
Cursos
Carreras profesionales
Apoyo
Más
Español
Iniciar sesión
Courses / Cisco Packet Tracer
Cisco Packet Tracer
Adquiera habilidades reales con nuestra potente herramienta de simulación de red, donde podrá practicar las habilidades de redes, IoT y ciberseguridad en un laboratorio virtual, sin necesidad de hardware.
Descargue Packet Tracer cuando se inscriba en uno de los tres cursos autodidácticos de Packet Tracer.
Ver cursos
Cisco Packet Tracer
Introducción
¿Quién utiliza Packet Tracer?
Estudiantes que exploran redes y carreras tecnológicas
Estudiantes de redes, IoT y ciberseguridad
Ingenieros, educadores e instructores
Enseñanza y aprendizaje a distancia
Utilícelo para
Practicar la creación de redes simples y complejas
Visualizar cómo funciona una red
Practicar habilidades de rack, apilamiento y cableado en el laboratorio virtual
Integrar dispositivos de IoT, código de Python o automatización de la red
Descargar gratis
Solo inscríbase en nuestros cursos introductorios para descargar la última versión de Packet Tracer.
Comunidad
Colabore y compita dentro de Packet Tracer
Comparta diseños de red para recibir comentarios
Conéctese con nuestra comunidad global de Facebook para compartir ideas e inspirarse
Descargue y comience

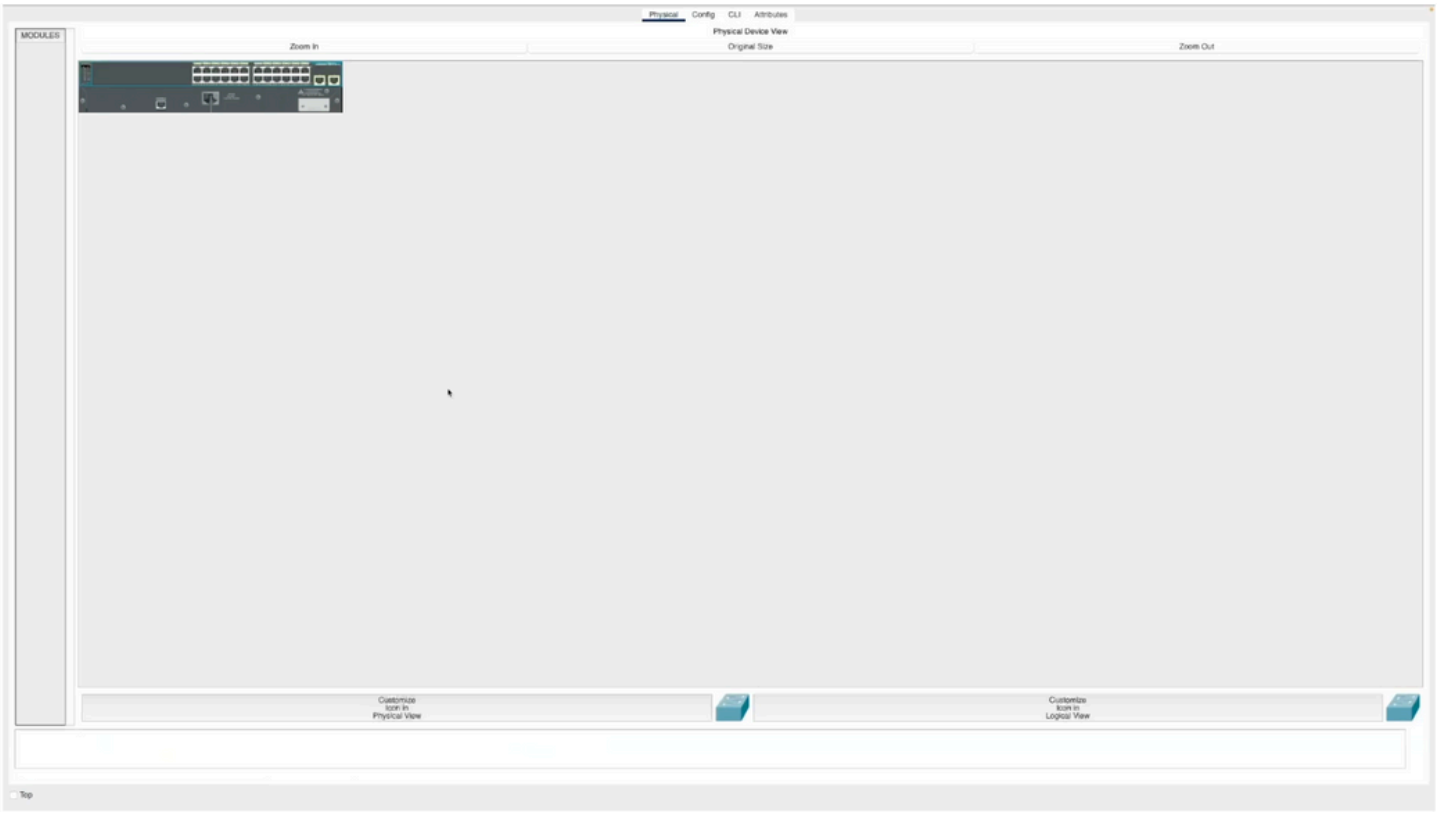

skillsforall.com
SkillsForAll.com corte durante 12 horas
Corte durante 12 horas. Viernes 23 de febrero a las 5:00 p. m. al sábado 24 de febrero a las 5:00 a. m. PST. Sábado 24 de febrero a las 01:00 al sábado a las 13:00 UTC.
Networking Academy
Explorar
Buscar catálogo
Enseña con nosotros
ES
Iniciar sesión
Catálogo > Introducción a Cisco Packet Tracer
Introducción a Cisco Packet Tracer
Este curso es parte de Colecciones de aprendizaje - Cisco Packet Tracer
Su camino hacia Cisco Packet Tracer. Familiarícese con el entorno de simulación y descargue la última versión.
IDIOMAS DISPONIBLES
العربية, English, Español, Français, Português, Українська.
Español (Spanish)
Comenzar
Descripción general
Plan de estudios
Conozca nuestra innovadora herramienta de simulación y visualización de redes, Cisco Packet Tracer. Este laboratorio virtual es una forma interactiva de practicar redes, IoT y ciberseguridad, ¡no se requiere hardware! Este curso es una introducción al entorno de simulación de Cisco Packet Tracer. Aprenda a usar Cisco Packet Tracer para visualizar y simular una red usando ejemplos cotidianos. Practique sus habilidades con actividades interactivas de laboratorio virtual y también perfeccione sus habilidades para resolver problemas. Obtenga valiosos consejos y mejores prácticas y gane confianza para usar esta poderosa herramienta en cursos posteriores o para su propia práctica.
¡Inscríbase para descargar Cisco Packet Tracer gratis y comience hoy mismo!
Esto es lo que aprenderá.
SIN CARGO
2 HORAS
PRINCIPIANTE
PROPIO RITMO
Logros
Insignias que puedes ganar en este curso.

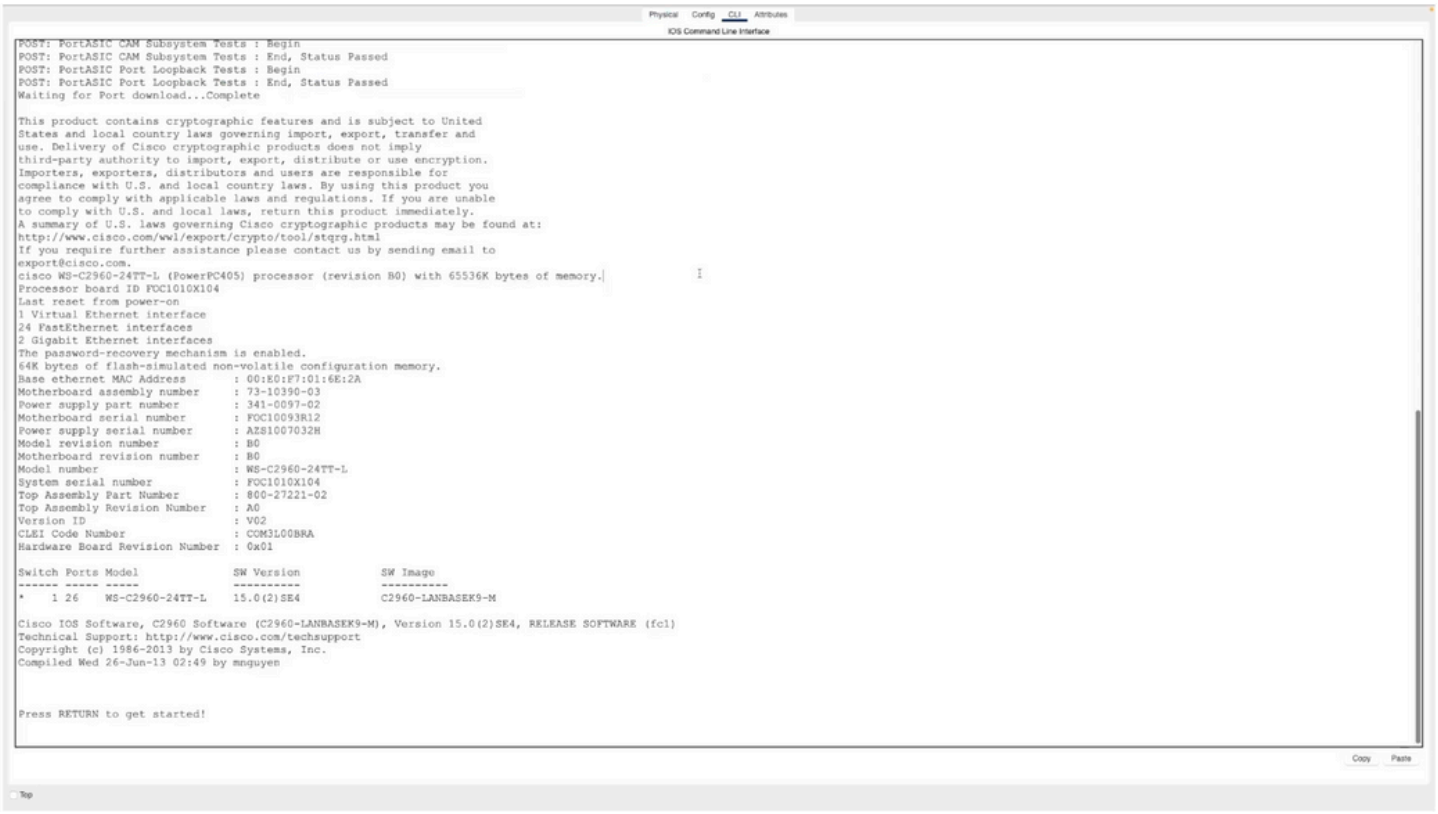

Logical
Physical
Realtime
Simulation
Copper Straight-Through
New
Delete
Toggle PDU List Window


Logical
Physical
2960-24TT
Switch0
2960-24TT
Switch1
Realtime
Simulation
Copper Straight-Through
New
Delete
Toggle PDU List Window


Logical
Physical
PC-PT PC0
2960-24TT Switch0
PC-PT PC2
2960-24TT Switch1
PC-PT PC1
PC-PT PC3
Realtime
Simulation
Scenario 0
New
Delete
Toggle PDU List Window
Copper Straight-Through

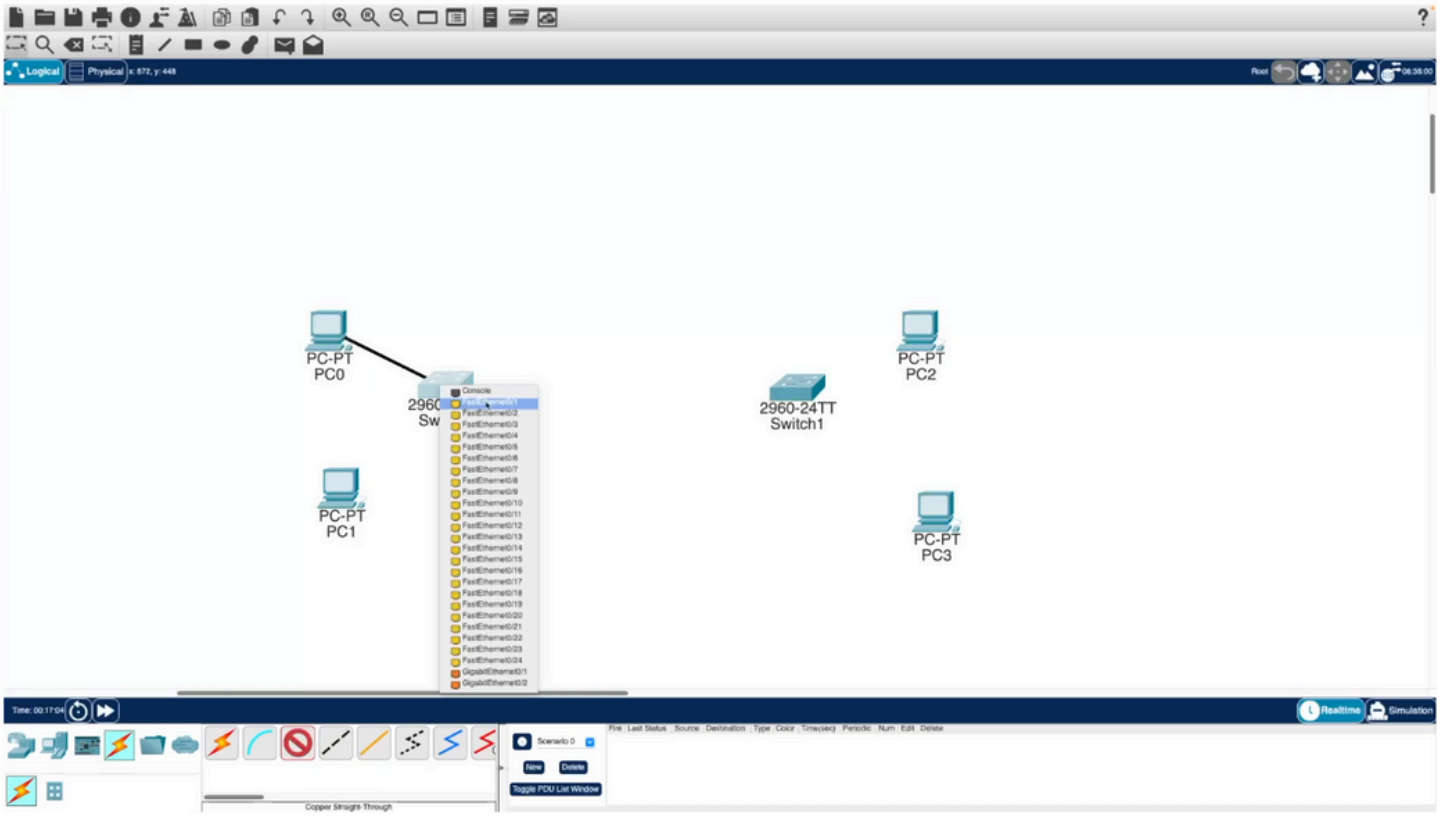

Logical
Physical
PC-PT PC0
PC-PT PC2
PC-PT PC1
PC-PT PC3
Realtime
Simulation
Scenario 0
New
Delete
Toggle PDU List Window
Copper Straight-Through

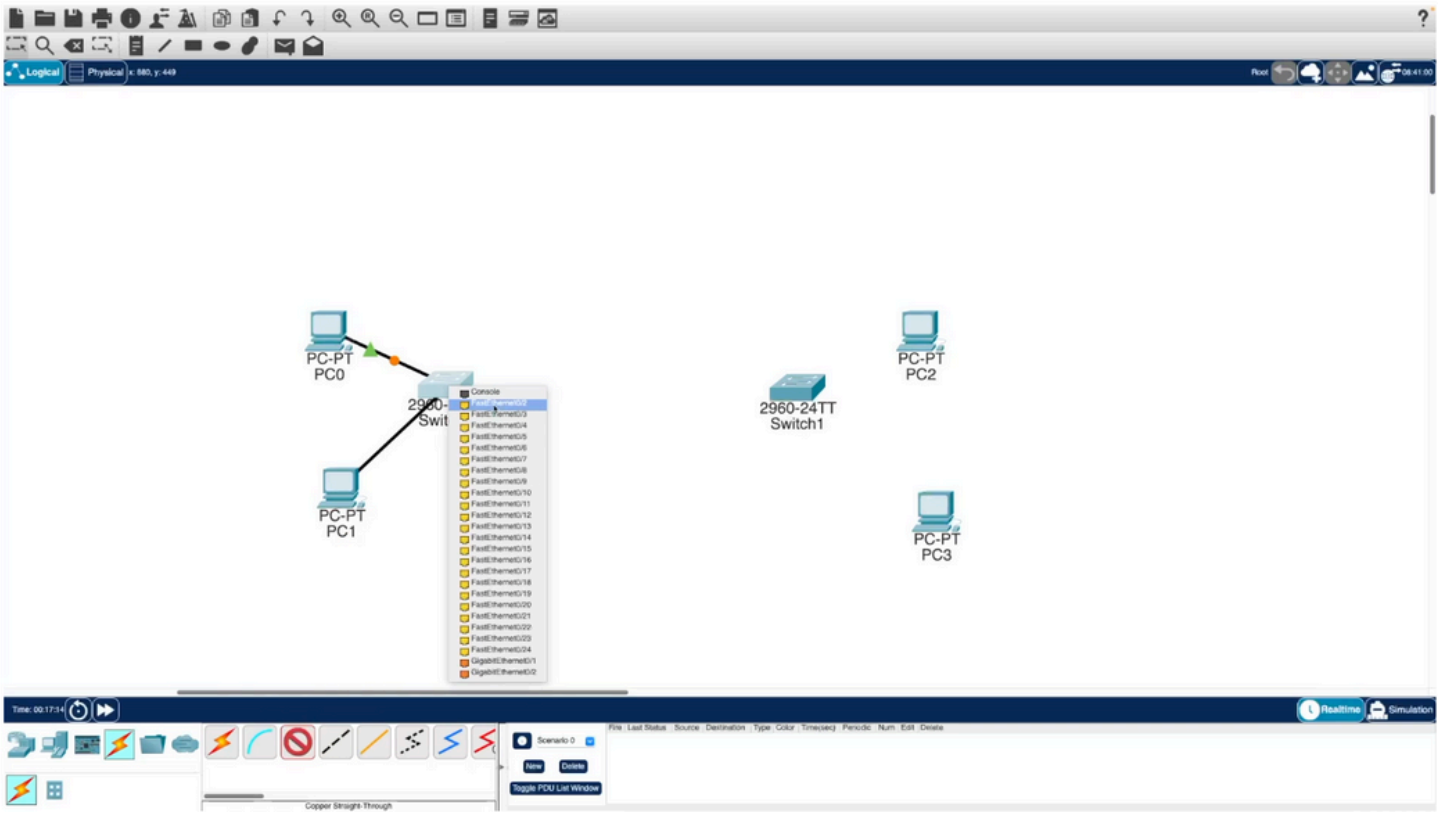

Physical
Config
CLI
Attributes
MODULES
Physical Device View
Zoom In
Original Size
Zoom Out
Customize
Icon in
Physical View
Customize
Icon in
Logical View
Top

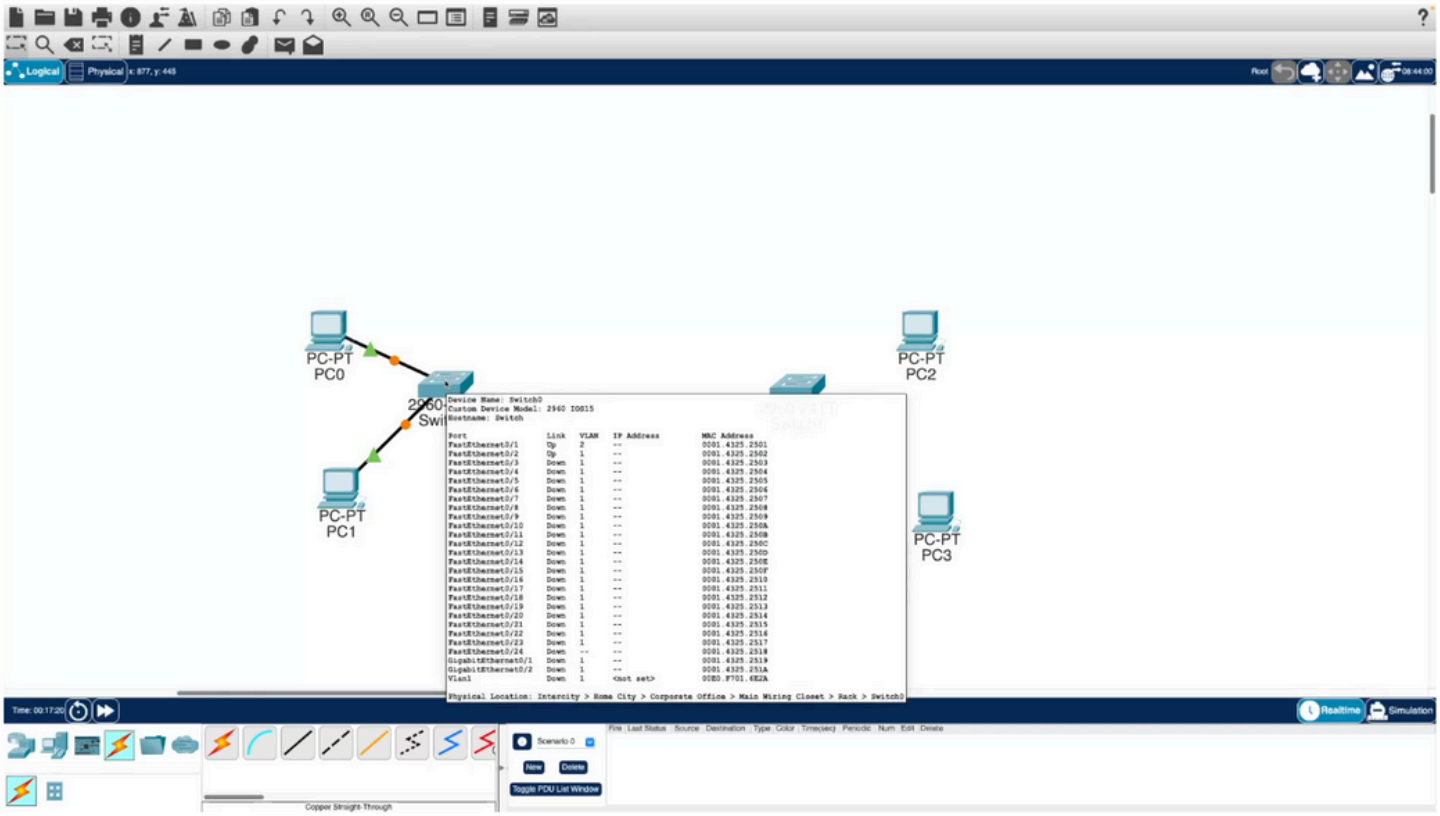

Physical
Config
CLI
Attributes
IOS Command Line Interface
POST: PortASIC CAM Subsystem Tests : Begin
POST: PortASIC CAM Subsystem Tests : End, Status Passed
POST: PortASIC Port Loopback Tests : Begin
POST: PortASIC Port Loopback Tests : End, Status Passed
Waiting for Port download...Complete
This product contains cryptographic features and is subject to United
States and local country laws governing import, export, transfer and
use. Delivery of Cisco cryptographic products does not imply
third-party authority to import, export, distribute or use encryption.
Importers, exporters, distributors and users are responsible for
compliance with U.S. and local country laws. By using this product you
agree to comply with applicable laws and regulations. If you are unable
to comply with U.S. and local laws, return this product immediately.
A summary of U.S. laws governing Cisco cryptographic products may be found at:
http://www.cisco.com/wwl/export/crypto/tool/stqrg.html
If you require further assistance please contact us by sending email to
export@cisco.com.
cisco WS-C2960-24TT-L (PowerPC405) processor (revision B0) with 65536K bytes of memory.
Processor board ID FOC1010X104
Last reset from power-on
1 Virtual Ethernet interface
24 FastEthernet interfaces
2 Gigabit Ethernet interfaces
The password-recovery mechanism is enabled.
64K bytes of flash-simulated non-volatile configuration memory.
Base ethernet MAC Address : 00:E0:F7:01:6E:2A
Motherboard assembly number : 73-10390-03
Power supply part number : 341-0097-02
Motherboard serial number : FOC10093R12
Power supply serial number : AZS1007032H
Model revision number : B0
Motherboard revision number : B0
Model number : WS-C2960-24TT-L
System serial number : FOC1010X104
Top Assembly Part Number : 800-27221-02
Top Assembly Revision Number : A0
Version ID : V02
CLEI Code Number : COM3L00BRA
Hardware Board Revision Number : 0x01
Switch Ports Model SW Version SW Image
------ ----- ----- ---------- ----------
* 1 26 WS-C2960-24TT-L 15.0(2)SE4 C2960-LANBASEK9-M
Cisco IOS Software, C2960 Software (C2960-LANBASEK9-M), Version 15.0(2)SE4, RELEASE SOFTWARE (fc1)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2013 by Cisco Systems, Inc.
Compiled Wed 26-Jun-13 02:49 by mnguyen
Press RETURN to get started!
Copy
Paste
Top

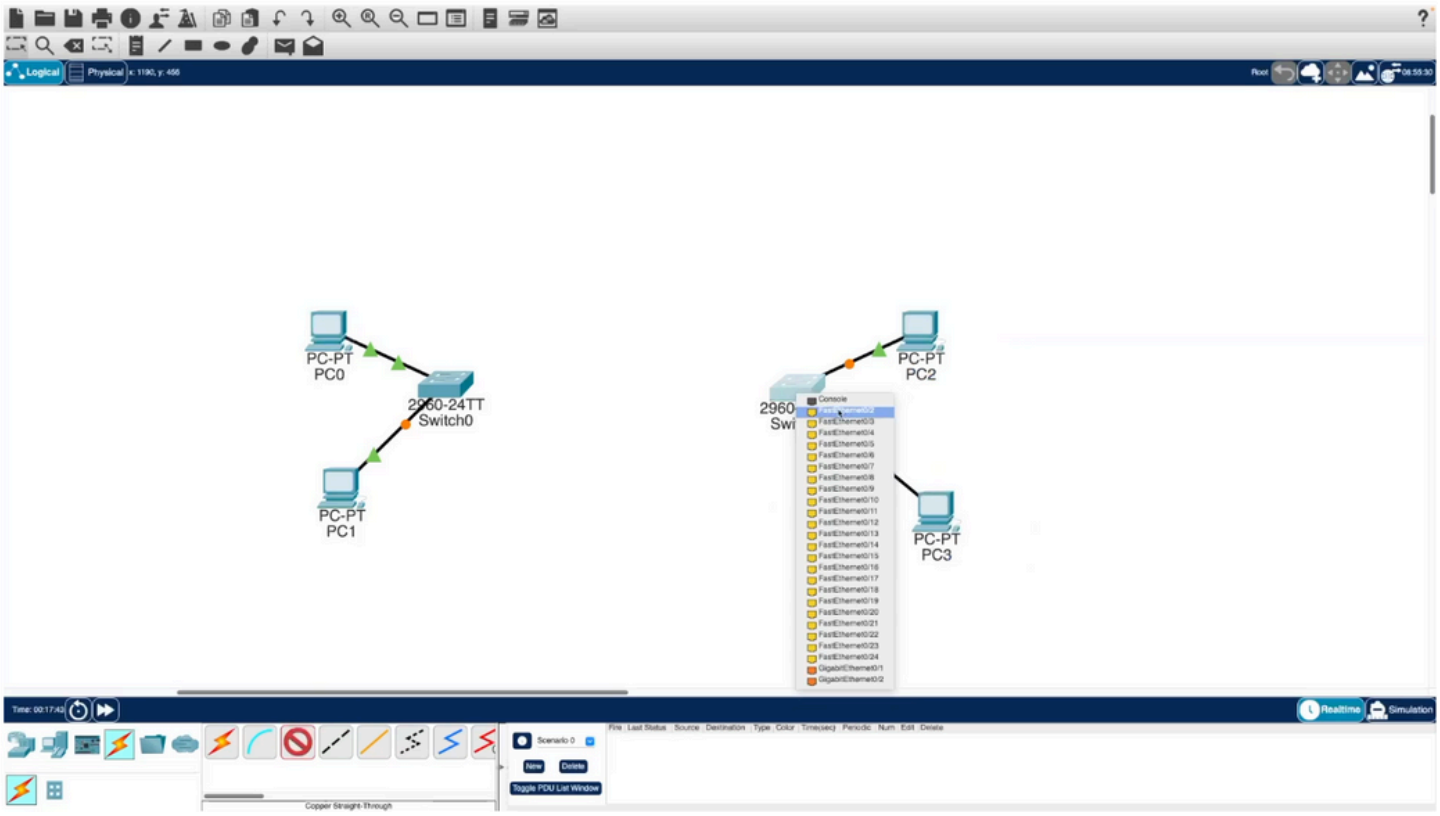
Switch>enable
Switch#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#vlan 2
Switch(config-vlan)#name VLAN2
Switch(config-vlan)#exit
Copy
Paste
Top

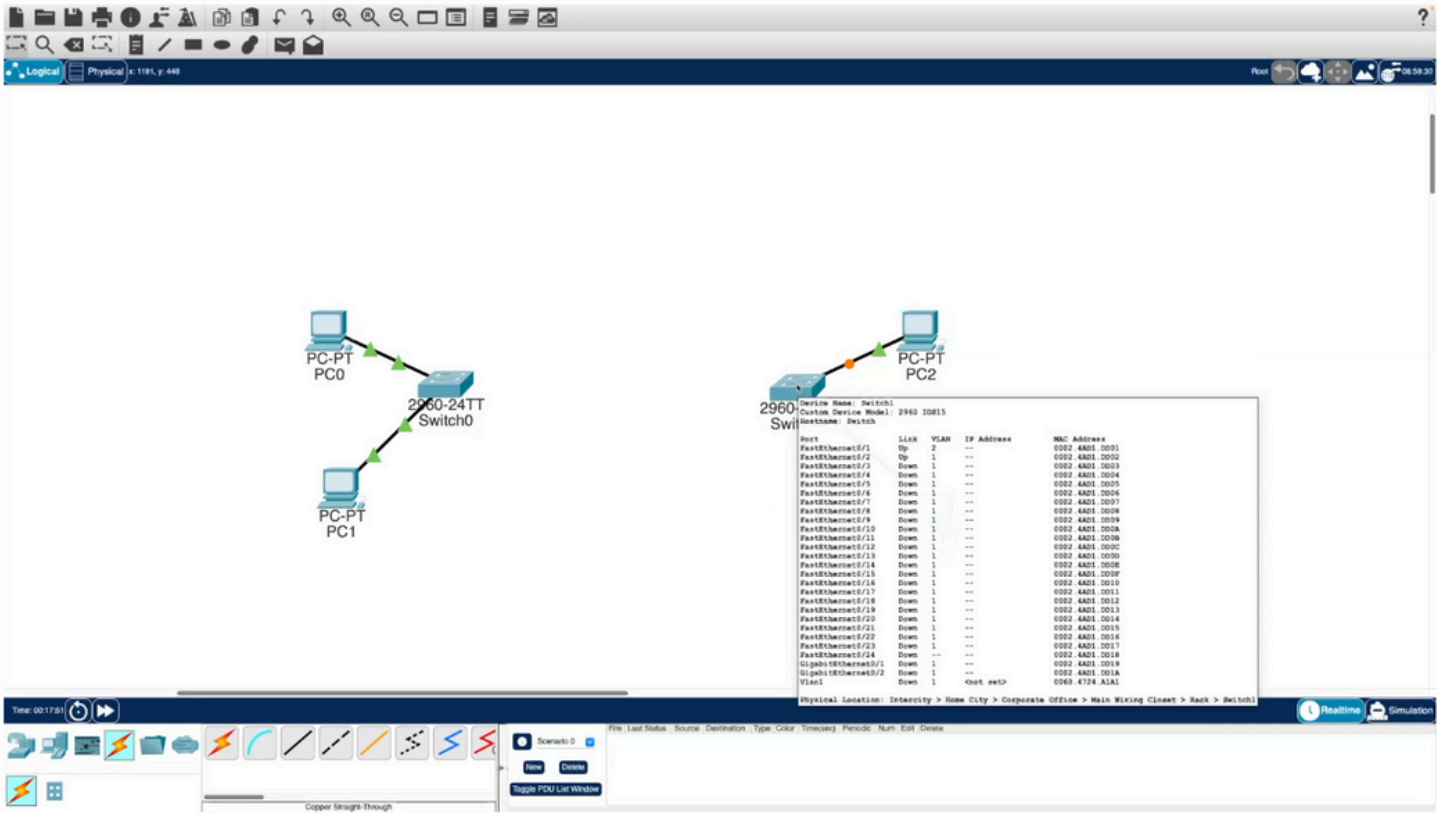
Switch>enable
Switch#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#vlan 2
Switch(config-vlan)#name VLAN2
Switch(config-vlan)#exit
Switch(config)#
Switch(config)#interface fastEthernet 0/1
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 2
Switch(config-if)#exit
Switch(config)#
Copy
Paste
Top

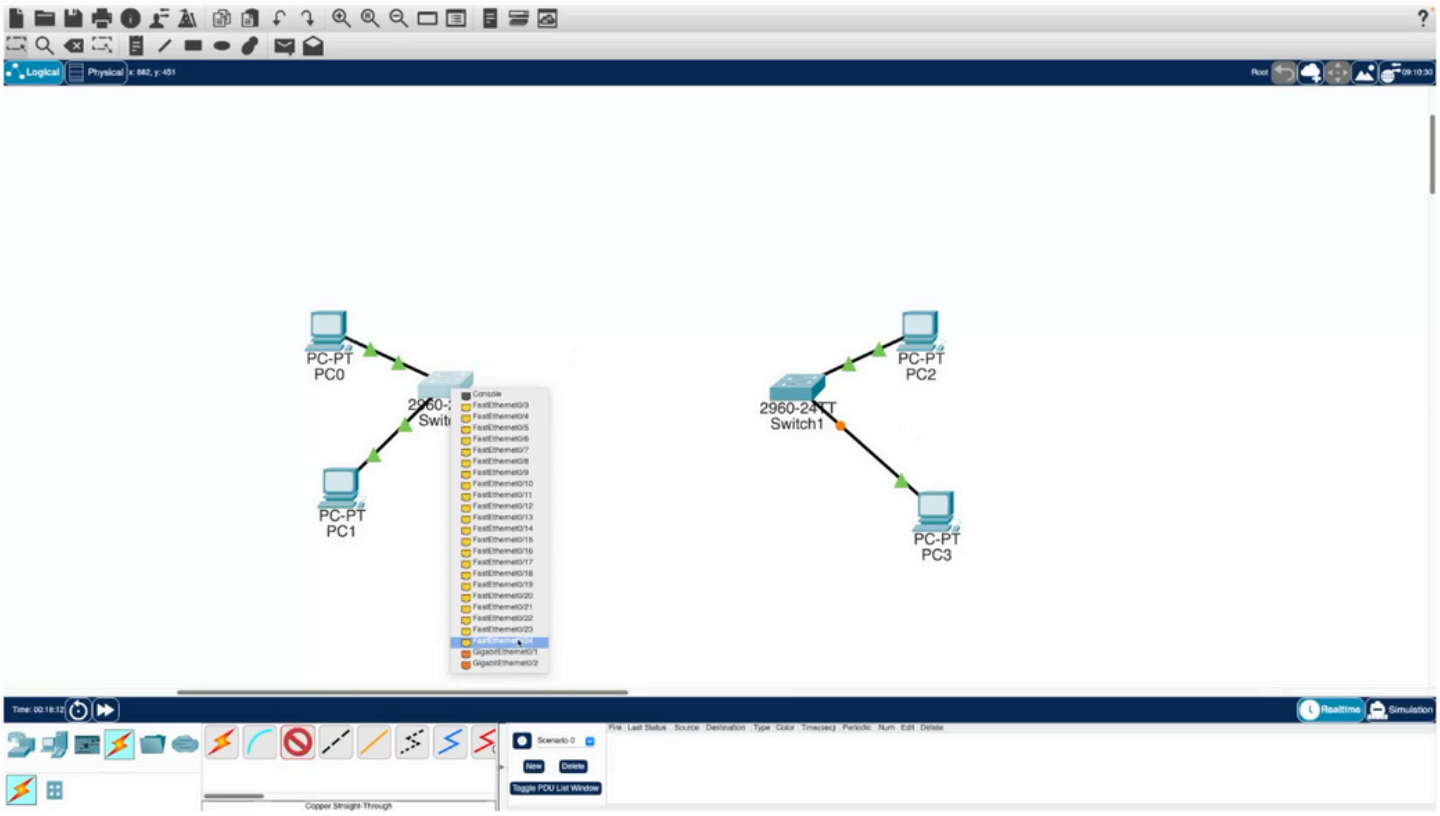

Logical
Physical
PC-PT
PC0
PC-PT
PC1
2960-24TT
Switch1
PC-PT
PC2
PC-PT
PC3
Realtime
Simulation
Copper Straight-Through

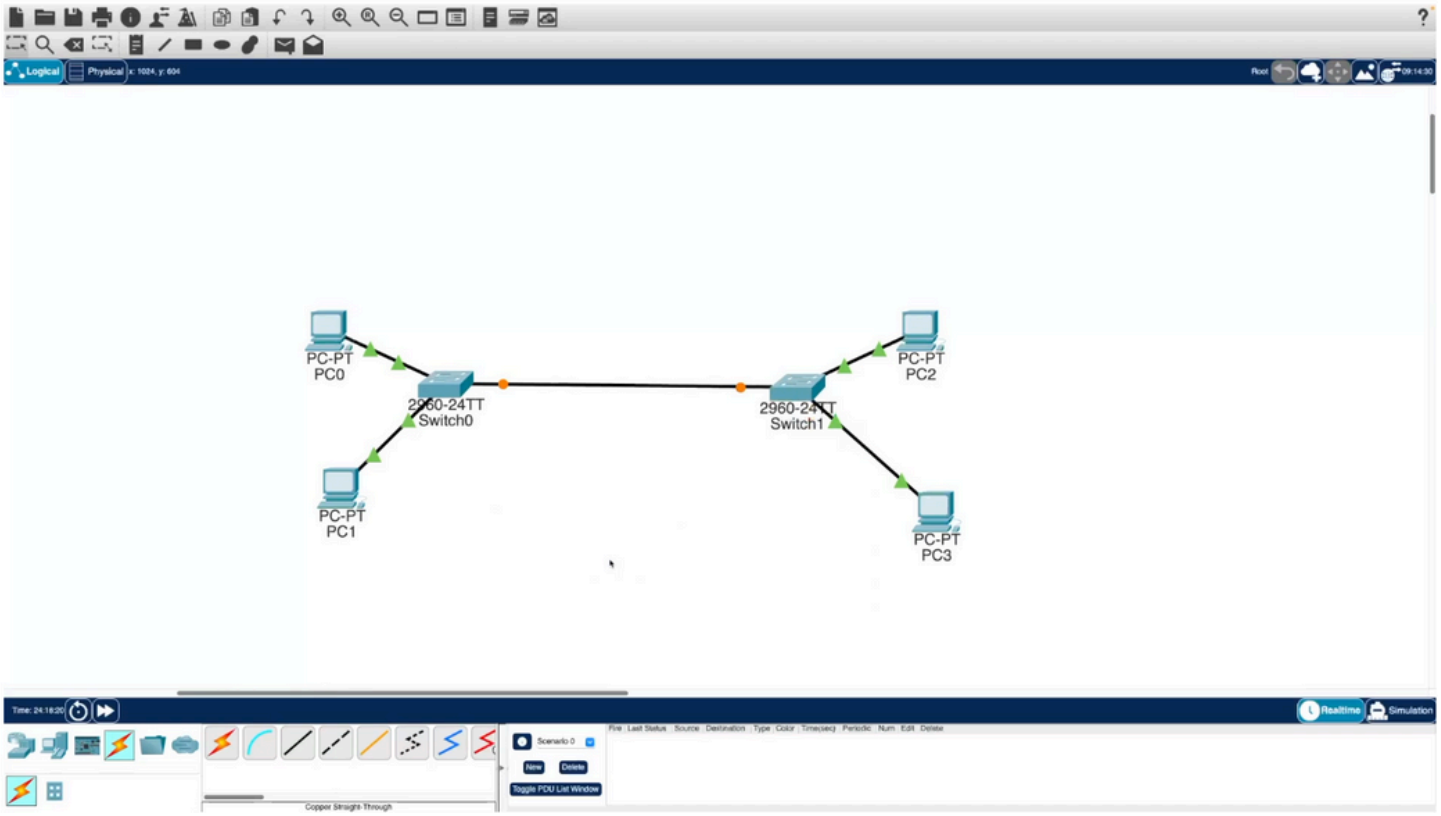

Logical
Physical
PC-PT
PC0
PC-PT
PC1
2960-24TT
Switch1
PC-PT
PC2
PC-PT
PC3
Realtime
Simulation
Copper Straight-Through

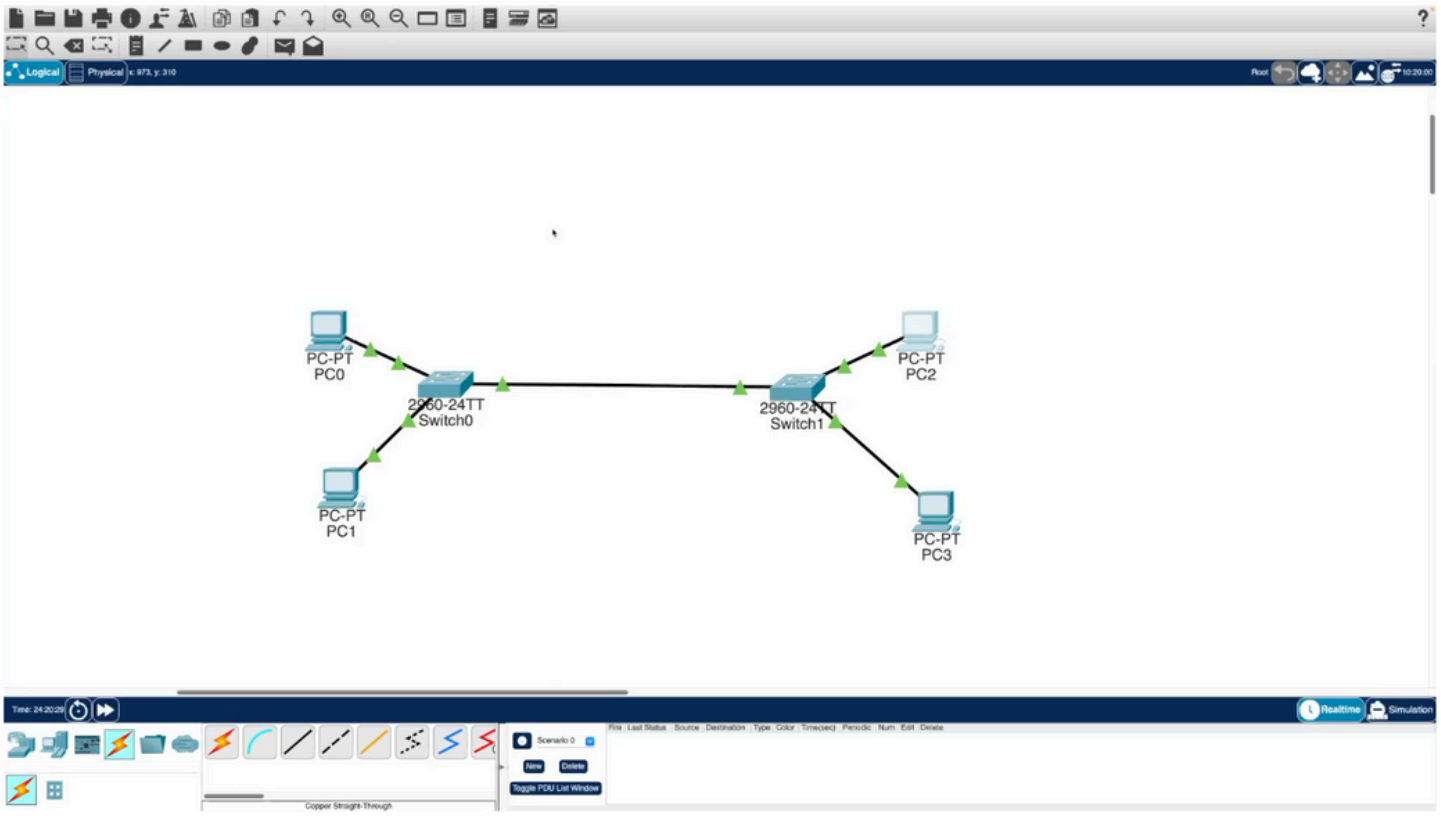

PC-PT
PC0
PC-PT
PC1
PC-PT
PC2
PC-PT
PC3
Device Name: Switch0
Custom Device Model: 2960 IOS15
Hostname: Switch
Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Switch0

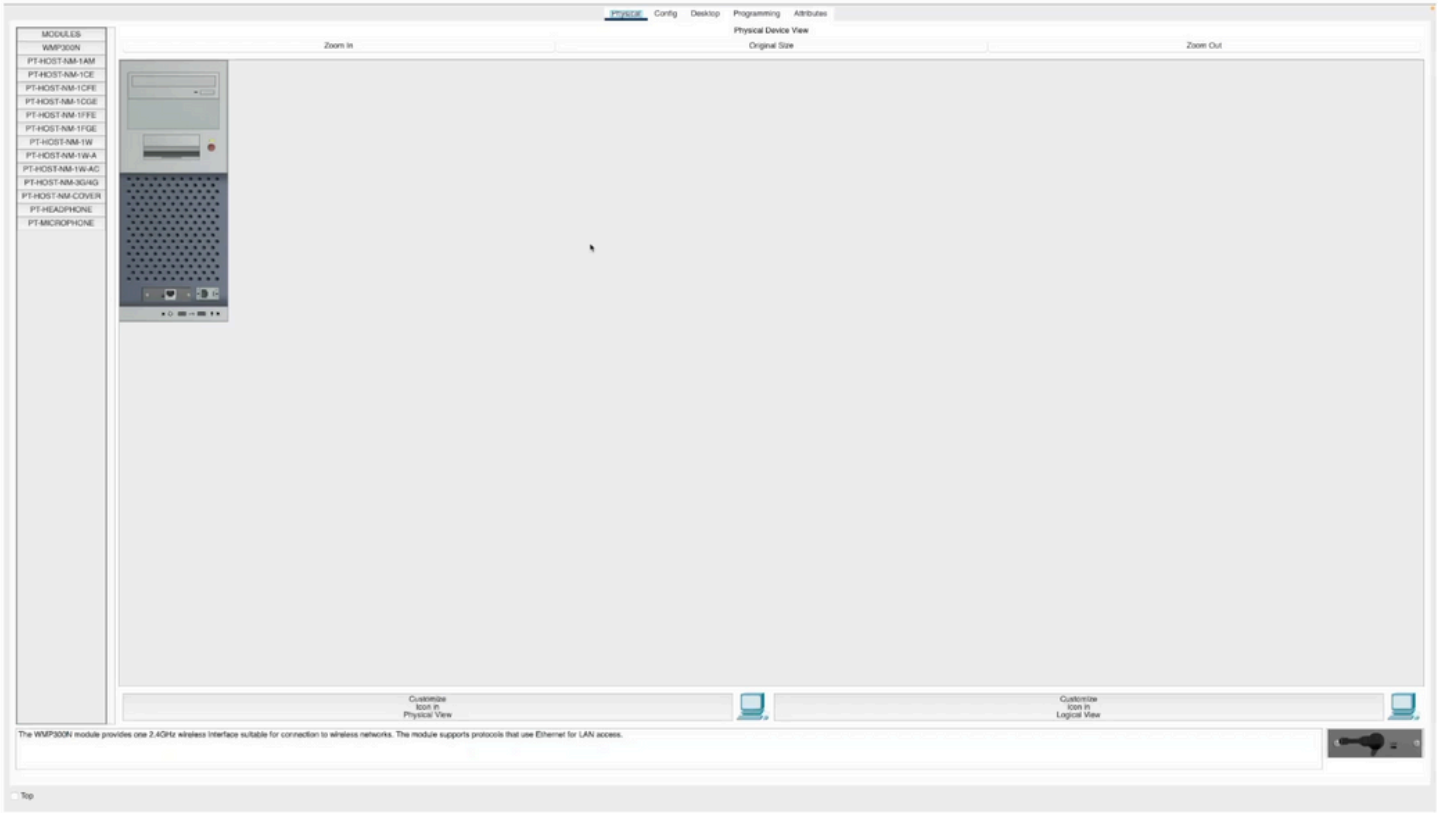

PC-PT
PC0
2960-24TT
Switch0
PC-PT
PC1
PC-PT
PC2
PC-PT
PC3
Console


Logical
Physical
PC-PT
PC0
2960-24TT
Switch0
PC-PT
PC1
PC-PT
PC2
Device Name: Switch1
Custom Device Model: 2960 IOS15
Hostname: Switch
Port
Link
VLAN
IP Address
MAC Address
FastEthernet0/1
Up
2
--
0002.4AD1.DD01
FastEthernet0/2
Up
1
--
0002.4AD1.DD02
FastEthernet0/3
Down
1
--
0002.4AD1.DD03
FastEthernet0/4
Down
1
--
0002.4AD1.DD04
FastEthernet0/5
Down
1
--
0002.4AD1.DD05
FastEthernet0/6
Down
1
--
0002.4AD1.DD06
FastEthernet0/7
Down
1
--
0002.4AD1.DD07
FastEthernet0/8
Down
1
--
0002.4AD1.DD08
FastEthernet0/9
Down
1
--
0002.4AD1.DD09
FastEthernet0/10
Down
1
--
0002.4AD1.DD0A
FastEthernet0/11
Down
1
--
0002.4AD1.DD0B
FastEthernet0/12
Down
1
--
0002.4AD1.DD0C
FastEthernet0/13
Down
1
--
0002.4AD1.DD0D
FastEthernet0/14
Down
1
--
0002.4AD1.DD0E
FastEthernet0/15
Down
1
--
0002.4AD1.DD0F
FastEthernet0/16
Down
1
--
0002.4AD1.DD10
FastEthernet0/17
Down
1
--
0002.4AD1.DD11
FastEthernet0/18
Down
1
--
0002.4AD1.DD12
FastEthernet0/19
Down
1
--
0002.4AD1.DD13
FastEthernet0/20
Down
1
--
0002.4AD1.DD14
FastEthernet0/21
Down
1
--
0002.4AD1.DD15
FastEthernet0/22
Down
1
--
0002.4AD1.DD16
FastEthernet0/23
Down
1
--
0002.4AD1.DD17
FastEthernet0/24
Down
--
--
0002.4AD1.DD18
GigabitEthernet0/1
Down
1
--
0002.4AD1.DD19
GigabitEthernet0/2
Down
1
--
0002.4AD1.DD1A
Vlan1
Down
1
<not set>
0060.4724.A1A1
Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Switch1
Realtime
Simulation
Scenario 0
New
Delete
Toggle PDU List Window
Copper Straight-Through

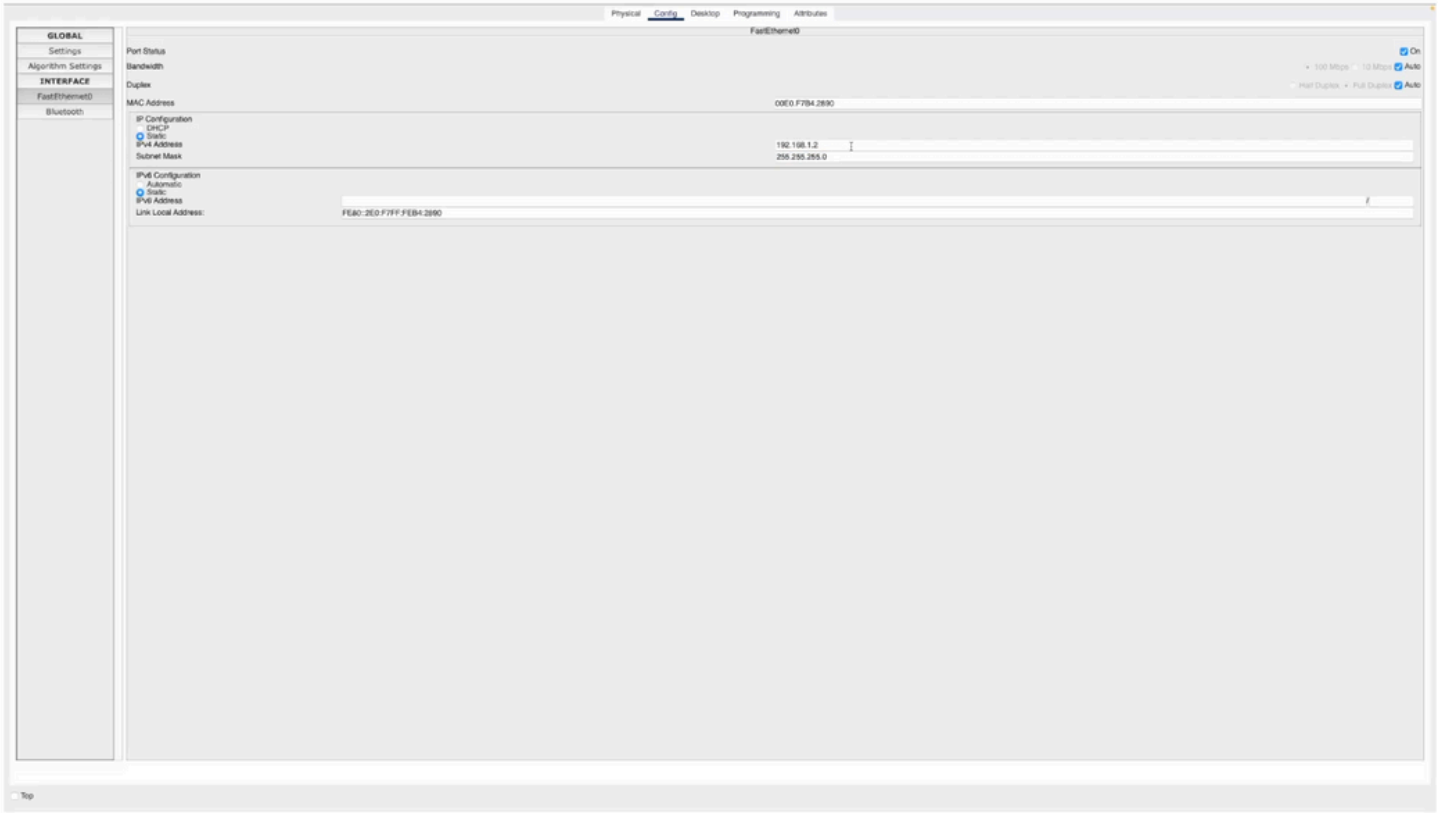

Logical
Physical
PC-PT
PC0
PC-PT
PC1
Console
FastEthernet0/3
FastEthernet0/4
FastEthernet0/5
FastEthernet0/6
FastEthernet0/7
FastEthernet0/8
FastEthernet0/9
FastEthernet0/10
FastEthernet0/11
FastEthernet0/12
FastEthernet0/13
FastEthernet0/14
FastEthernet0/15
FastEthernet0/16
FastEthernet0/17
FastEthernet0/18
FastEthernet0/19
FastEthernet0/20
FastEthernet0/21
FastEthernet0/22
FastEthernet0/23
GigabitEthernet0/1
GigabitEthernet0/2
PC-PT
PC2
2960-24TT
Switch1
PC-PT
PC3
Realtime
Simulation
Scenario 0
New
Delete
Toggle PDU List Window
Copper Straight-Through

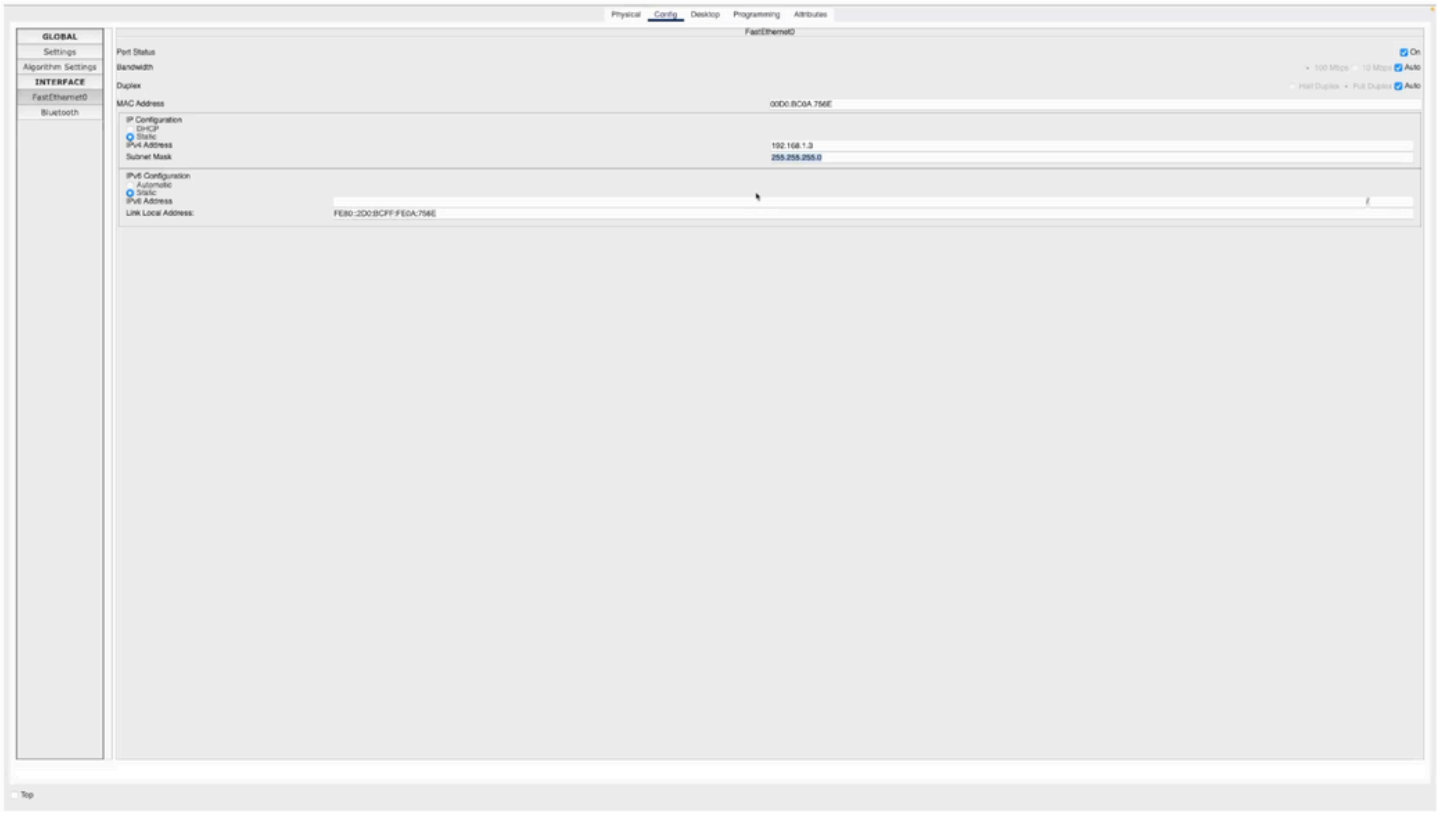

Logical
Physical
PC-PT
PC0
2960-24TT
Switch0
PC-PT
PC2
2960-24TT
Switch1
PC-PT
PC1
PC-PT
PC3
Realtime
Simulation
Copper Straight-Through

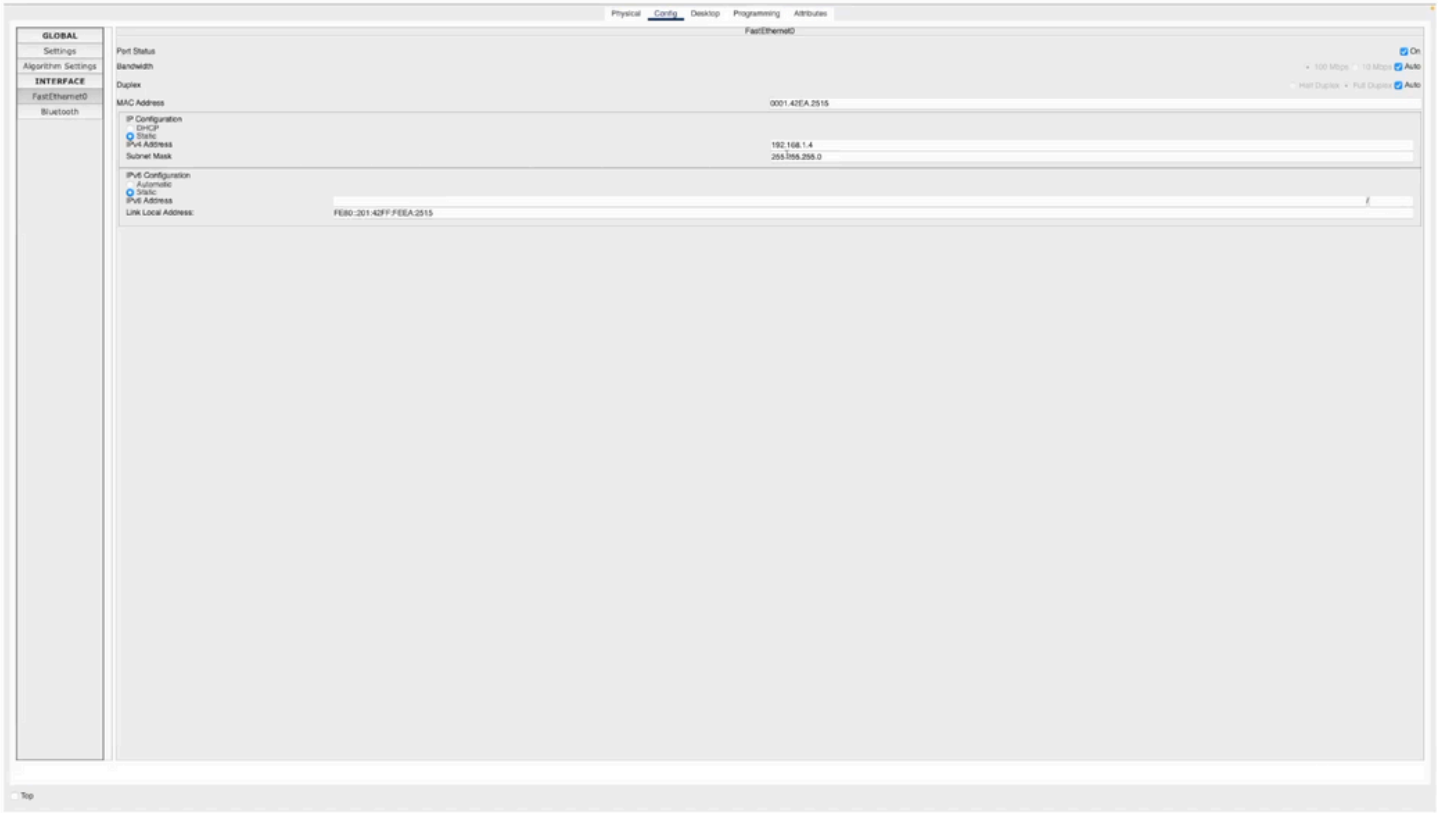

Logical
Physical
PC-PT
PC0
2960-24TT
Switch0
PC-PT
PC2
2960-24TT
Switch1
PC-PT
PC1
PC-PT
PC3
Realtime
Simulation
Copper Straight-Through

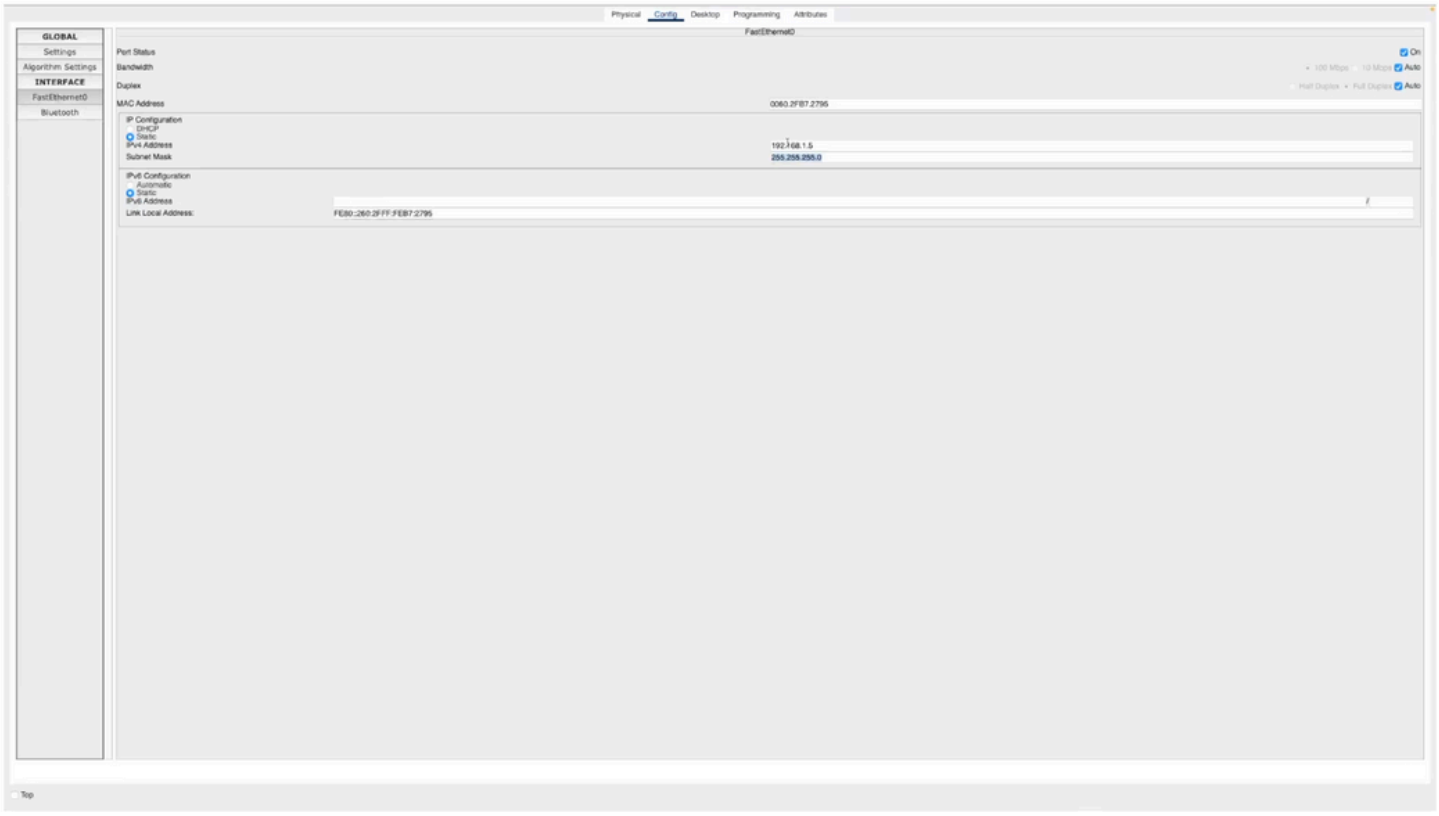

Physical
Config
Desktop
Programming
Attributes
MODULES
WMP300N
PT-HOST-NM-1AM
PT-HOST-NM-1CE
PT-HOST-NM-1CFE
PT-HOST-NM-1CGE
PT-HOST-NM-1FFE
PT-HOST-NM-1FGE
PT-HOST-NM-1W
PT-HOST-NM-1W-A
PT-HOST-NM-1W-AC
PT-HOST-NM-3G/4G
PT-HOST-NM-COVER
PT-HEADPHONE
PT-MICROPHONE
Physical Device View
Zoom In
Original Size
Zoom Out
Customize
Icon in
Physical View
Customize
Icon in
Logical View
The WMP300N module provides one 2.4GHz wireless interface suitable for connection to wireless networks. The module supports protocols that use Ethernet for LAN access.
Top

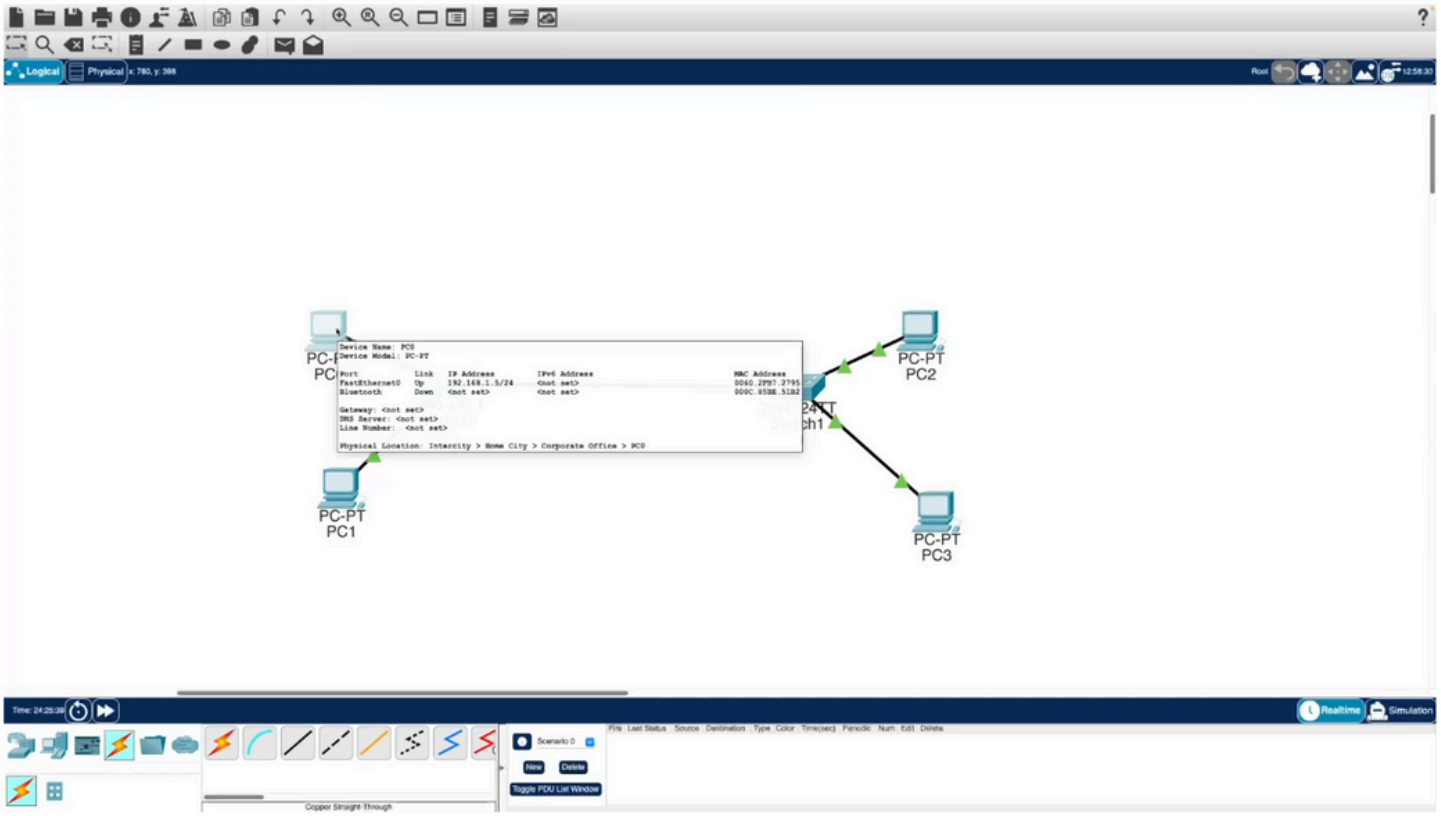
Physical
Config
Desktop
Programming
Attributes
GLOBAL
Settings
Algorithm Settings
INTERFACE
FastEthernet0
Bluetooth
Global Settings
Display Name PC2
Interfaces FastEthernet0
Gateway/DNS IPv4
DHCP
Static
Default Gateway
DNS Server
Gateway/DNS IPv6
Automatic
Static
Default Gateway
DNS Server
Top

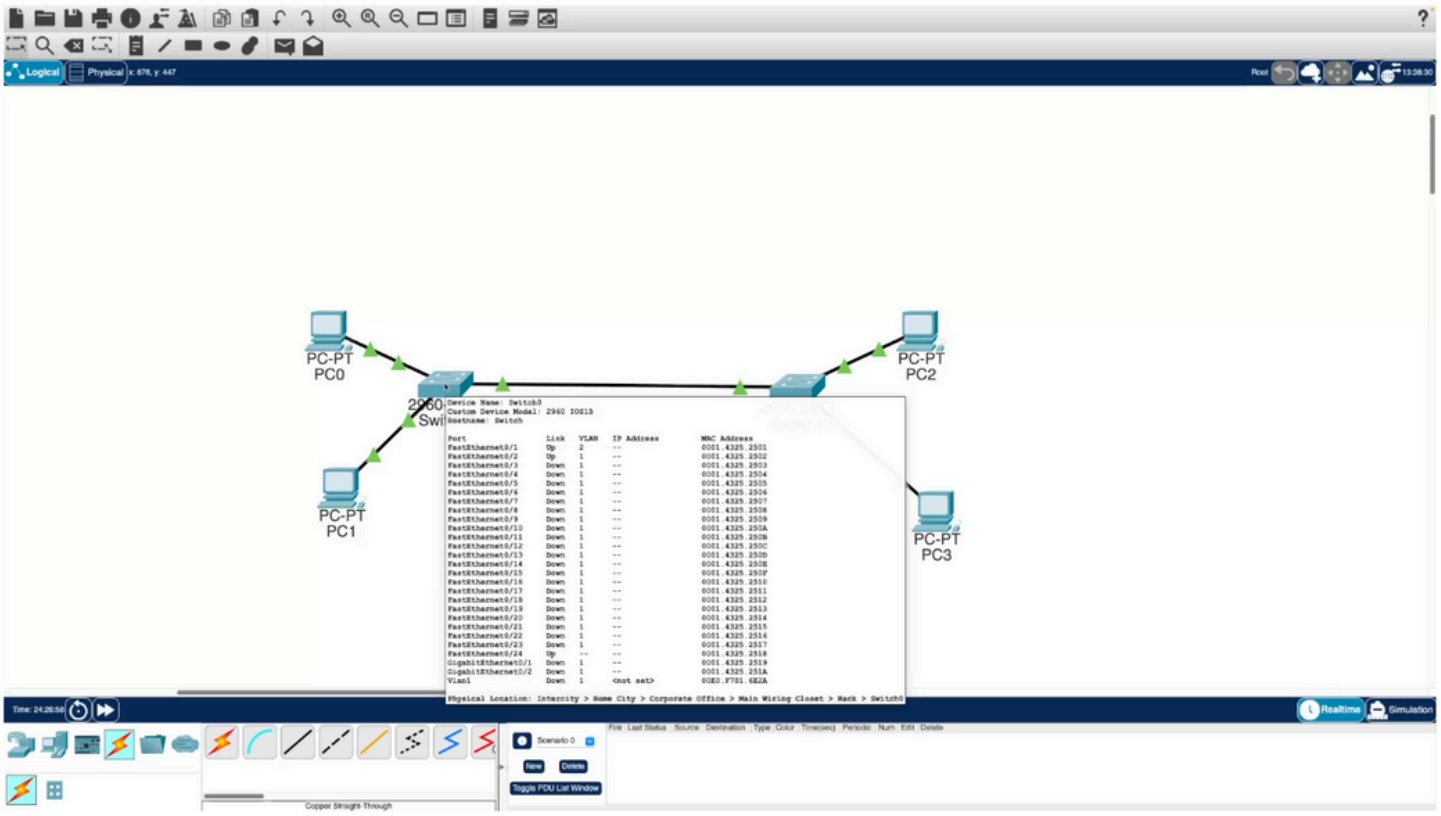

Physical
Config
Desktop
Programming
Attributes
GLOBAL
Settings
Algorithm Settings
INTERFACE
FastEthernet0
Bluetooth
FastEthernet0
Port Status
On
Bandwidth
100 Mbps
10 Mbps
Auto
Duplex
Half Duplex
Full Duplex
Auto
MAC Address
00E0.F7B4.2890
IP Configuration
DHCP
Static
IPv4 Address
192.168.1.2
Subnet Mask
255.255.255.0
IPv6 Configuration
Automatic
Static
IPv6 Address
Link Local Address:
FE80::2E0:F7FF:FEB4:2890
Top

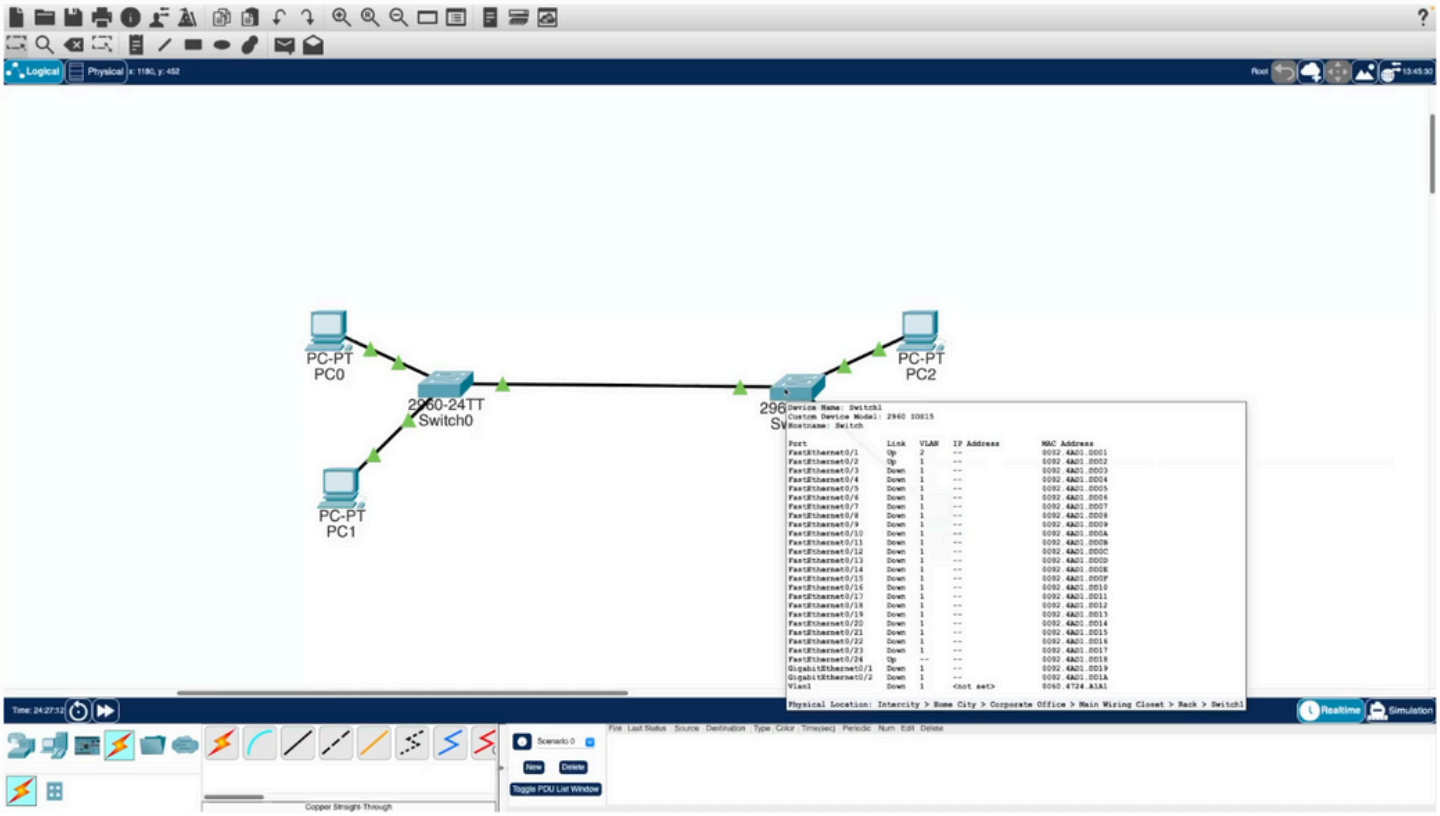

Physical
Config
Desktop
Programming
Attributes
GLOBAL
Settings
Algorithm Settings
INTERFACE
FastEthernet0
Bluetooth
FastEthernet0
Port Status
On
Bandwidth
100 Mbps
10 Mbps
Auto
Duplex
Half Duplex
Full Duplex
Auto
MAC Address
00D0.BC0A.756E
IP Configuration
DHCP
Static
IPv4 Address
192.168.1.3
Subnet Mask
255.255.255.0
IPv6 Configuration
Automatic
Static
IPv6 Address
Link Local Address:
FE80::2D0:BCFF:FE0A:756E
Top

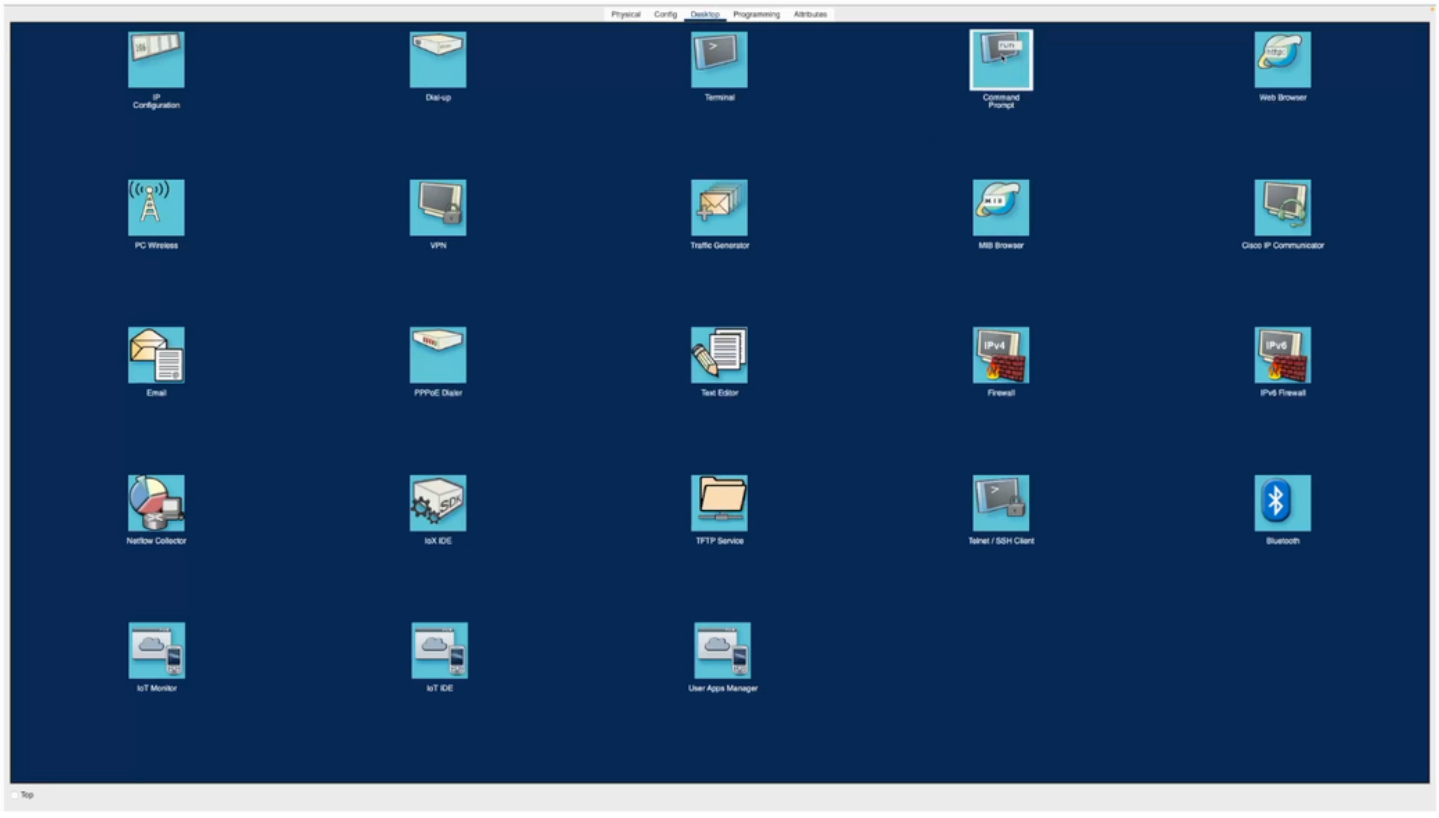

Physical
Config
Desktop
Programming
Attributes
GLOBAL
Settings
Algorithm Settings
INTERFACE
FastEthernet0
Bluetooth
FastEthernet0
Port Status
On
Bandwidth
100 Mbps
10 Mbps
Auto
Duplex
Half Duplex
Full Duplex
Auto
MAC Address
0001.42EA.2515
IP Configuration
DHCP
Static
IPv4 Address
192.168.1.4
Subnet Mask
255.255.255.0
IPv6 Configuration
Automatic
Static
IPv6 Address
Link Local Address:
FE80::201:42FF:FEEA:2515
Top

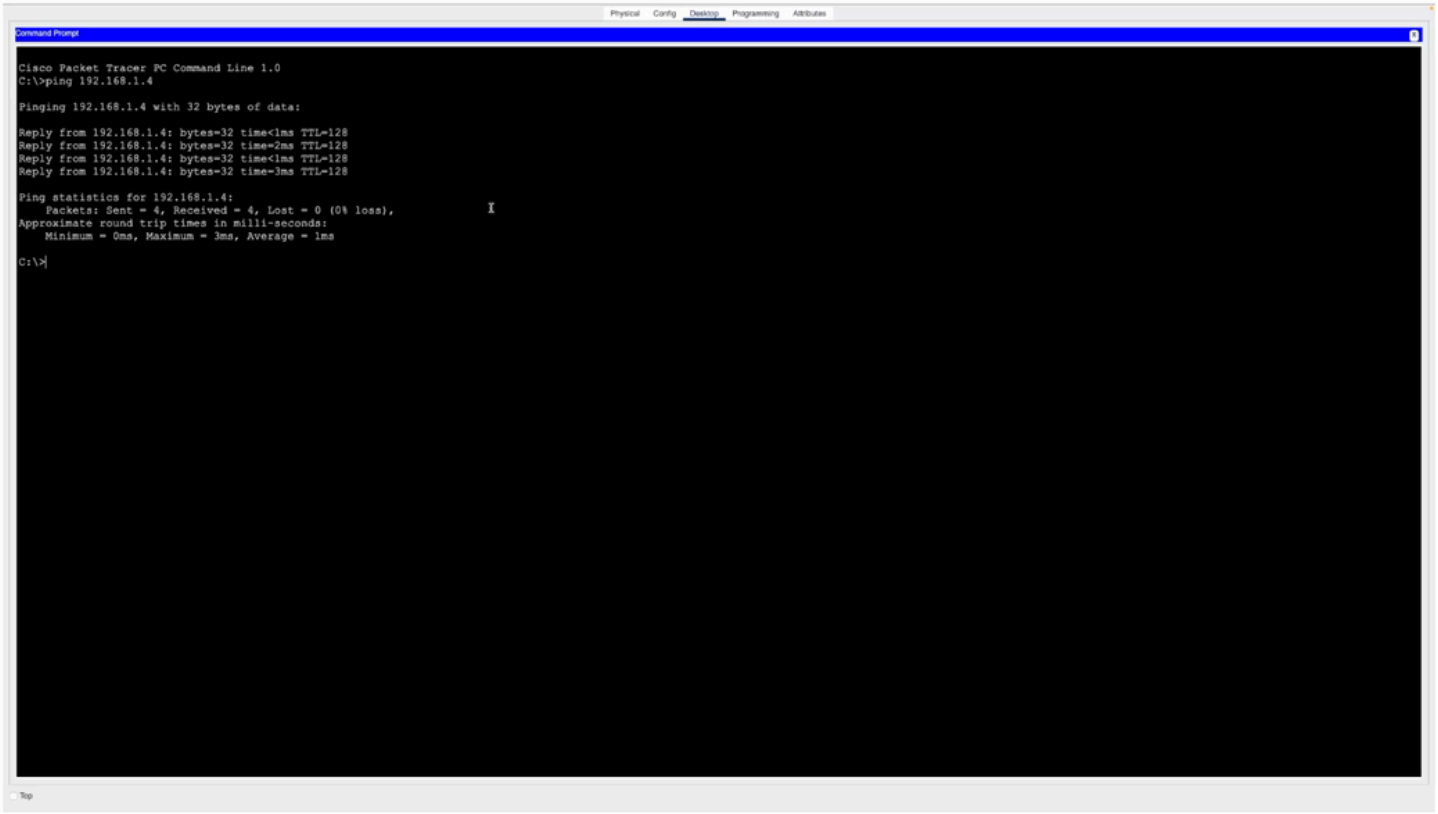

Physical
Config
Desktop
Programming
Attributes
GLOBAL
Settings
Algorithm Settings
INTERFACE
FastEthernet0
Bluetooth
FastEthernet0
Port Status
On
Bandwidth
100 Mbps
10 Mbps
Auto
Duplex
Half Duplex
Full Duplex
Auto
MAC Address
0060.2FB7.2795
IP Configuration
DHCP
Static
IPv4 Address
192.168.1.5
Subnet Mask
255.255.255.0
IPv6 Configuration
Automatic
Static
IPv6 Address
Link Local Address:
FE80::260:2FFF:FEB7:2795
Top


Logical
Physical
Device Name: PC0
Device Model: PC-PT
Port Link IP Address IPv6 Address MAC Address
FastEthernet0 Up 192.168.1.5/24 <not set> 0060.2F97.2795
Bluetooth Down <not set> <not set> 000C.85BE.51B2
Gateway: <not set>
DNS Server: <not set>
Line Number: <not set>
Physical Location: Intercity > Home City > Corporate Office > PC0
PC-PT PC1
PC-PT PC2
PC-PT PC3
Realtime
Simulation
Copper Straight-Through
Scenario 0
New
Delete
Toggle PDU List Window

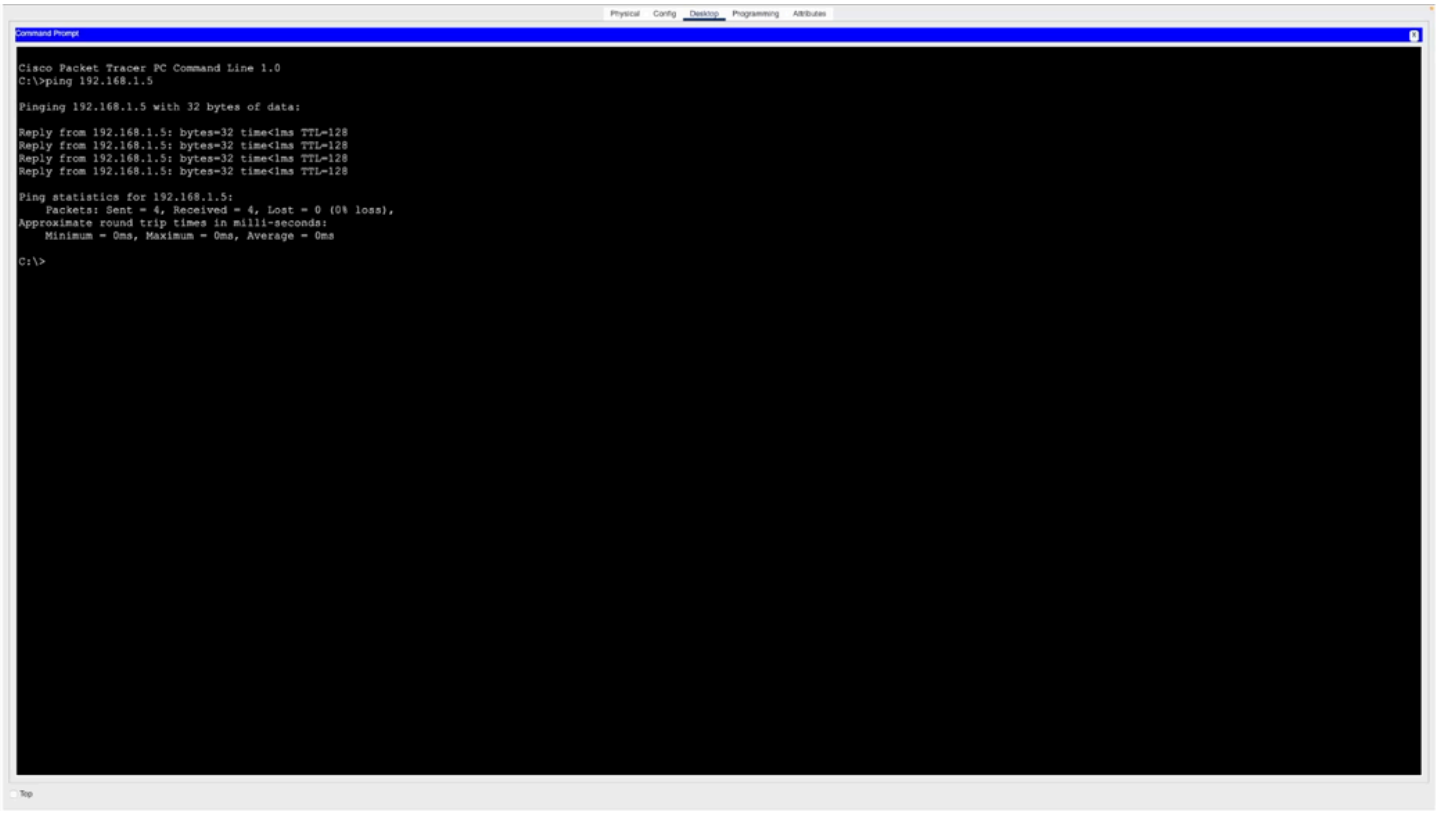

Logical
Physical
PC-PT PC0
PC-PT PC1
PC-PT PC2
PC-PT PC3
Device Name: Switch0
Custom Device Model: 2960 IOS15
Hostname: Switch
Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Switch0
Realtime
Simulation
Copper Straight-Through
Scenario 0
New
Delete
Toggle PDU List Window


Logical
Physical
PC-PT PC0
PC-PT PC1
PC-PT PC2
2960-24TT Switch0
Realtime
Simulation


Physical
Config
Desktop
Programming
Attributes
IP Configuration
Dial-up
Terminal
Command Prompt
Web Browser
PC Wireless
VPN
Traffic Generator
MIB Browser
Cisco IP Communicator
Email
PPPoE Dialer
Text Editor
Firewall
IPv6 Firewall
Netflow Collector
IoX IDE
TFTP Service
Telnet / SSH Client
Bluetooth
IoT Monitor
IoT IDE
User Apps Manager


Physical
Config
Desktop
Programming
Attributes
Command Prompt
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.4
Pinging 192.168.1.4 with 32 bytes of data:
Reply from 192.168.1.4: bytes=32 time<1ms TTL=128
Reply from 192.168.1.4: bytes=32 time=2ms TTL=128
Reply from 192.168.1.4: bytes=32 time<1ms TTL=128
Reply from 192.168.1.4: bytes=32 time=3ms TTL=128
Ping statistics for 192.168.1.4:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 3ms, Average = 1ms
C:\>
Top

C:\>ping 192.168.1.2
Pinging 192.168.1.2 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Top


Physical
Config
Desktop
Programming
Attributes
Command Prompt
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.5
Pinging 192.168.1.5 with 32 bytes of data:
Reply from 192.168.1.5: bytes=32 time<1ms TTL=128
Reply from 192.168.1.5: bytes=32 time<1ms TTL=128
Reply from 192.168.1.5: bytes=32 time<1ms TTL=128
Reply from 192.168.1.5: bytes=32 time<1ms TTL=128
Ping statistics for 192.168.1.5:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>
Top