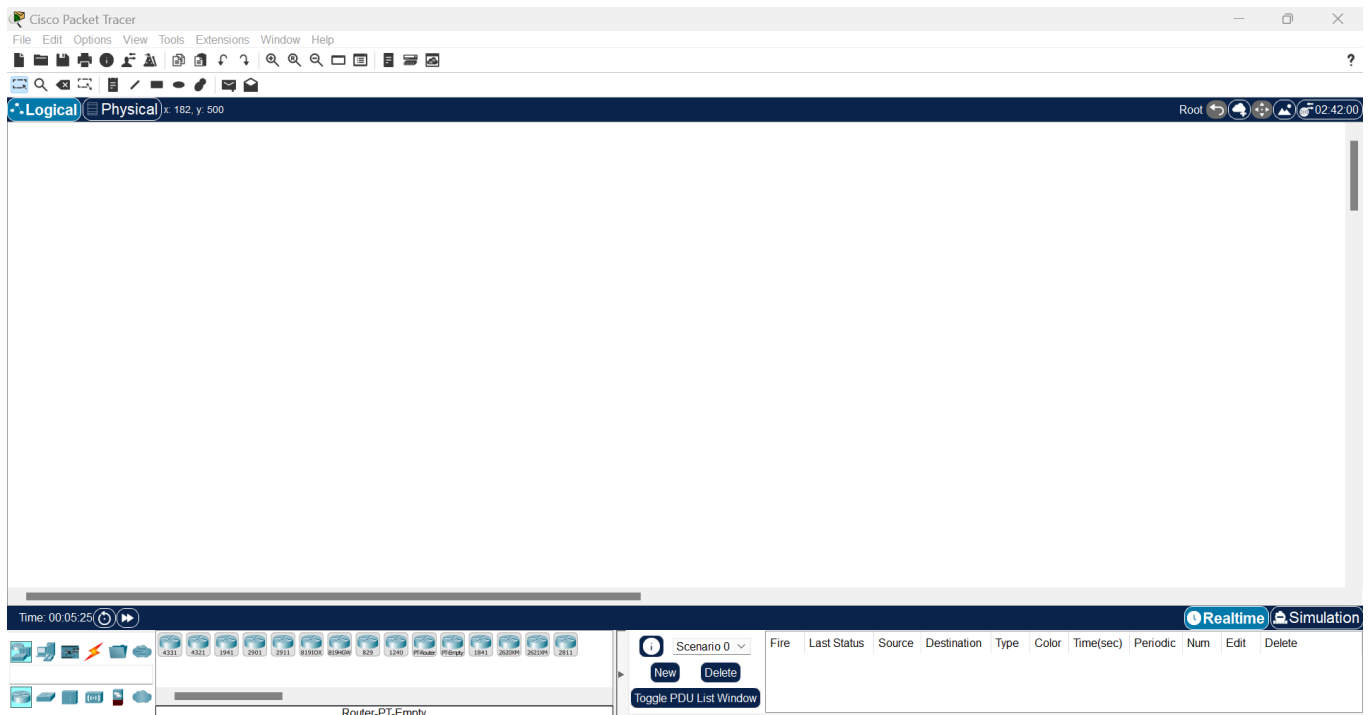


# Cisco\_DHCP\_Serveur

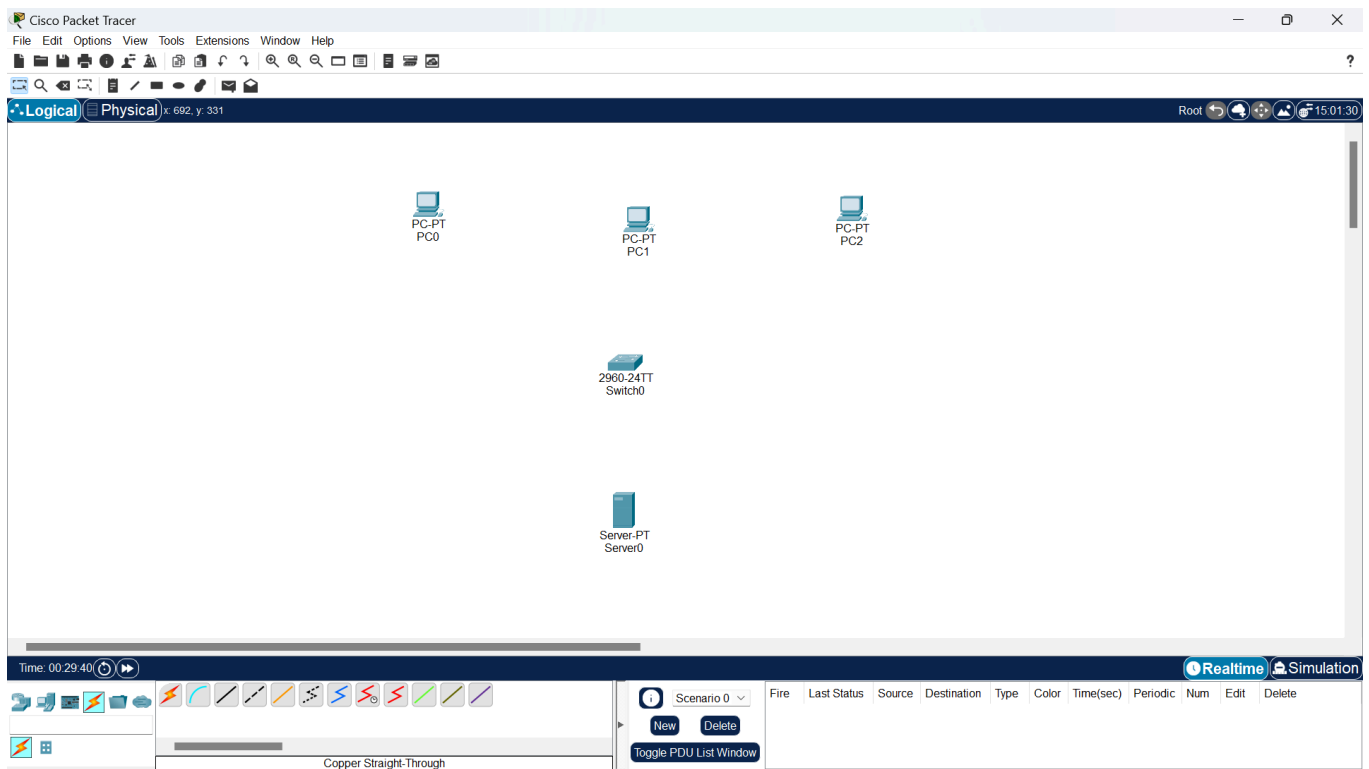
Sommaire :

- Etape 1: Ouvrir Cisco Packet Tracer
- Etape 2 : Dispatcher les équipements : PC0/PC1/PC2/Switch0/Server0
- Etape 3 : Câbler à l'aide d'un câble droit le PC0 (FastEthernet0) au Switch0 (FastEthernet0/1)
- Etape 3 : Câbler à l'aide d'un câble droit le PC0 (FastEthernet0) au Switch0 (FastEthernet0/1)
- Etape 4 : Câbler à l'aide d'un câble droit le PC1 (FastEthernet0) au Switch0 (FastEthernet0/2)
- Etape 5 : Câbler à l'aide d'un câble droit le PC2 (FastEthernet0) au Switch0 (FastEthernet0/3)
- Etape 6 : Câbler à l'aide d'un câble droit le Switch0 (FastEthernet0/4) au Server0 (FastEthernet0)
- Etape 7 : Configurer l'adresse IP de l'interface FastEthernet0 du Server0 : 192.168.1.1
- Etape 8 : Activer le mode DHCP du Server0 dans l'onglet "Services" en cliquant sur "on"
- Etape 9 : Attribuer une "Start IP Address" au serverPool : 192.168.1.10
- Etape 10 : Attribuer un "Maximum Number of Users" : 50
- Etape 11 : Cliquer sur "Add"
- Etape 12 : Vérifier les adresses IP des PC0 PC1 et PC2 sachant que l'adresse IP de départ est 192.108.1.10

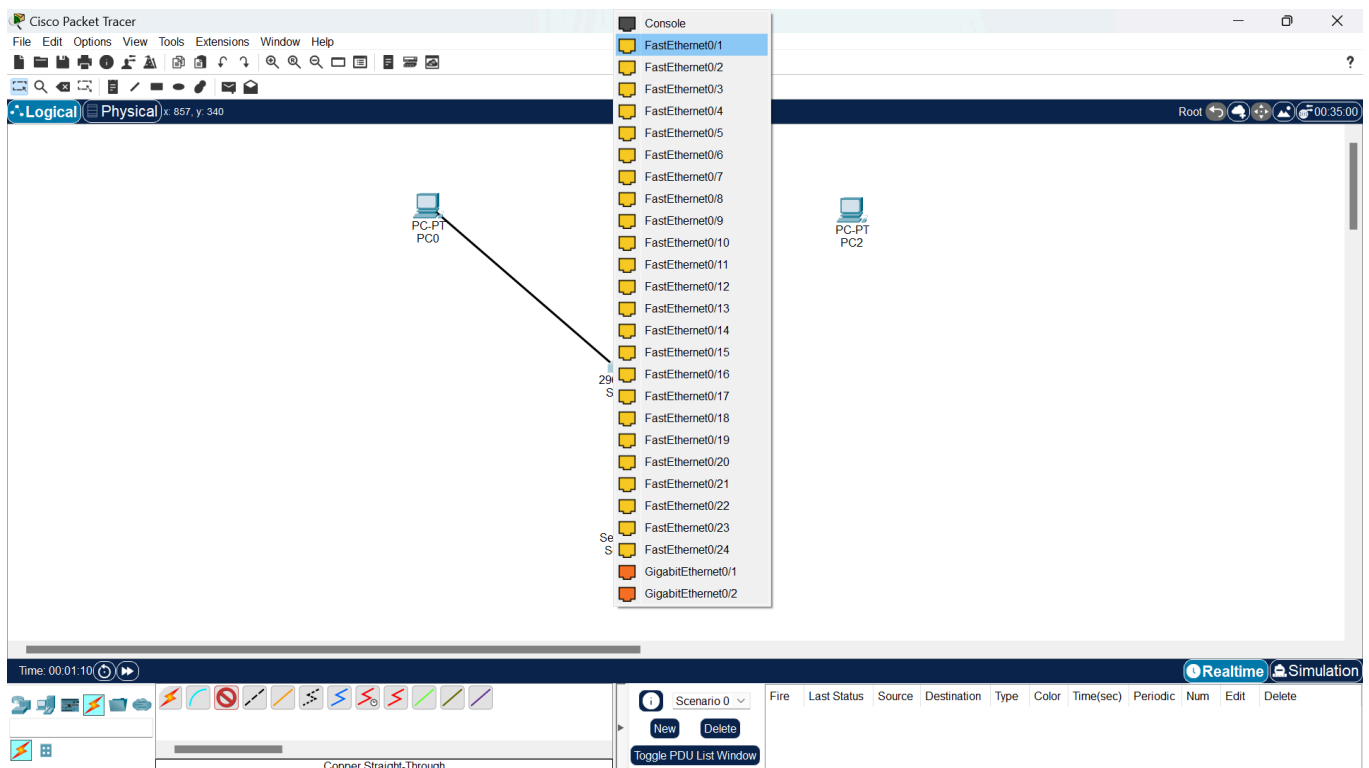
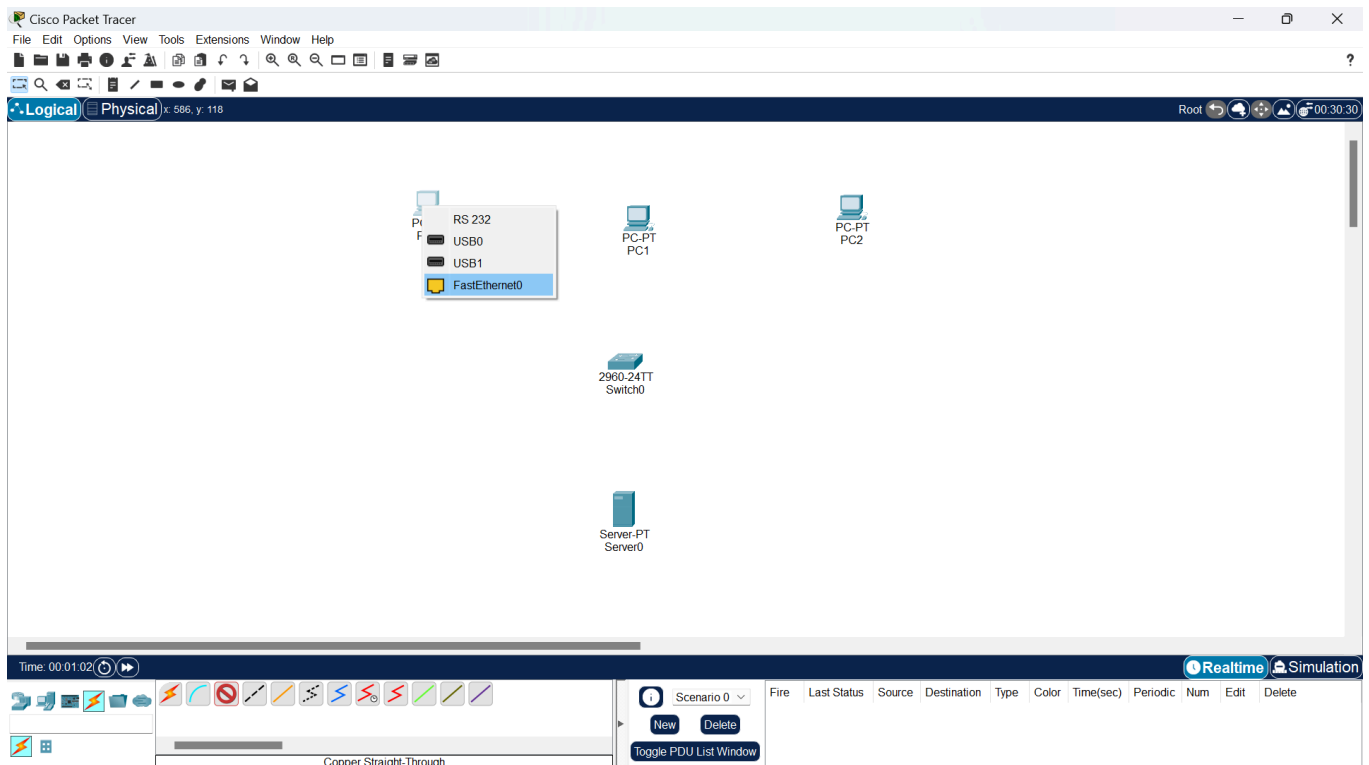
- Etape 1: Ouvrir Cisco Packet Tracer



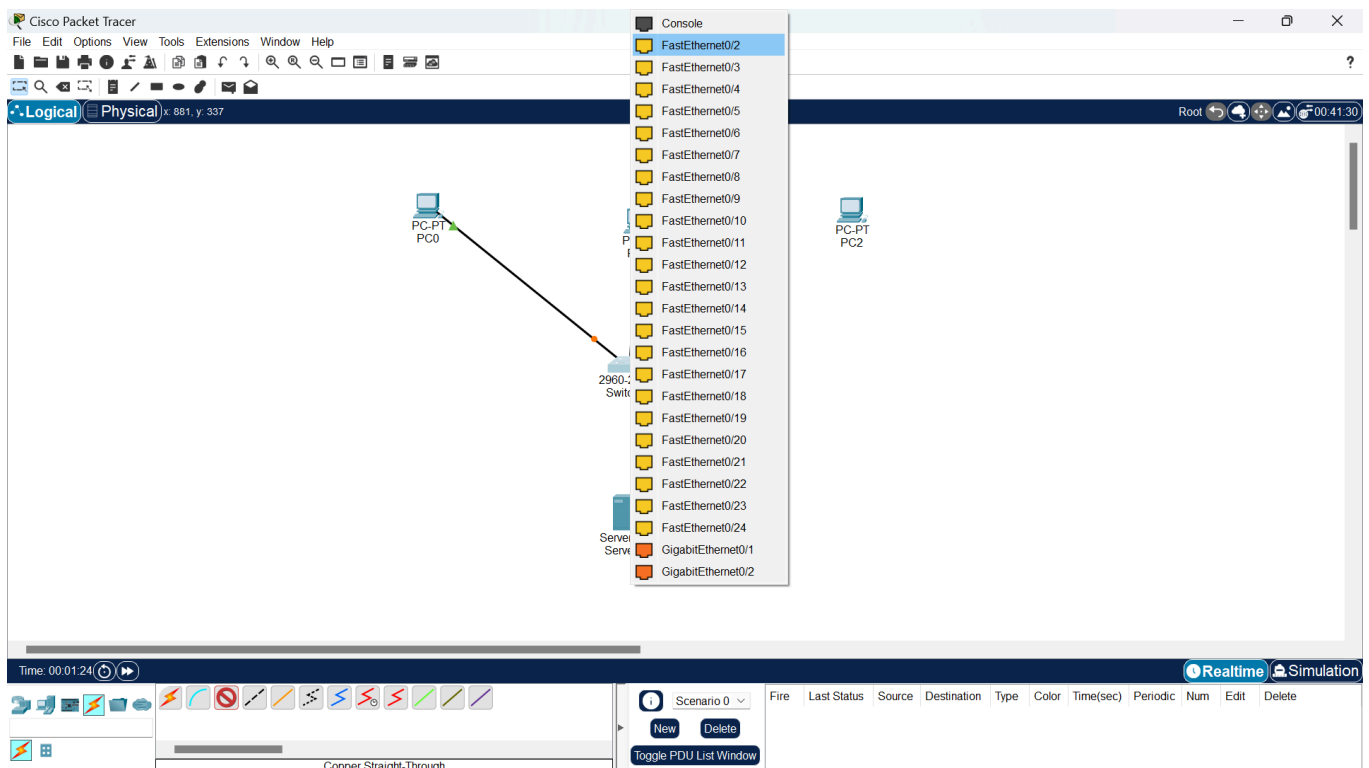
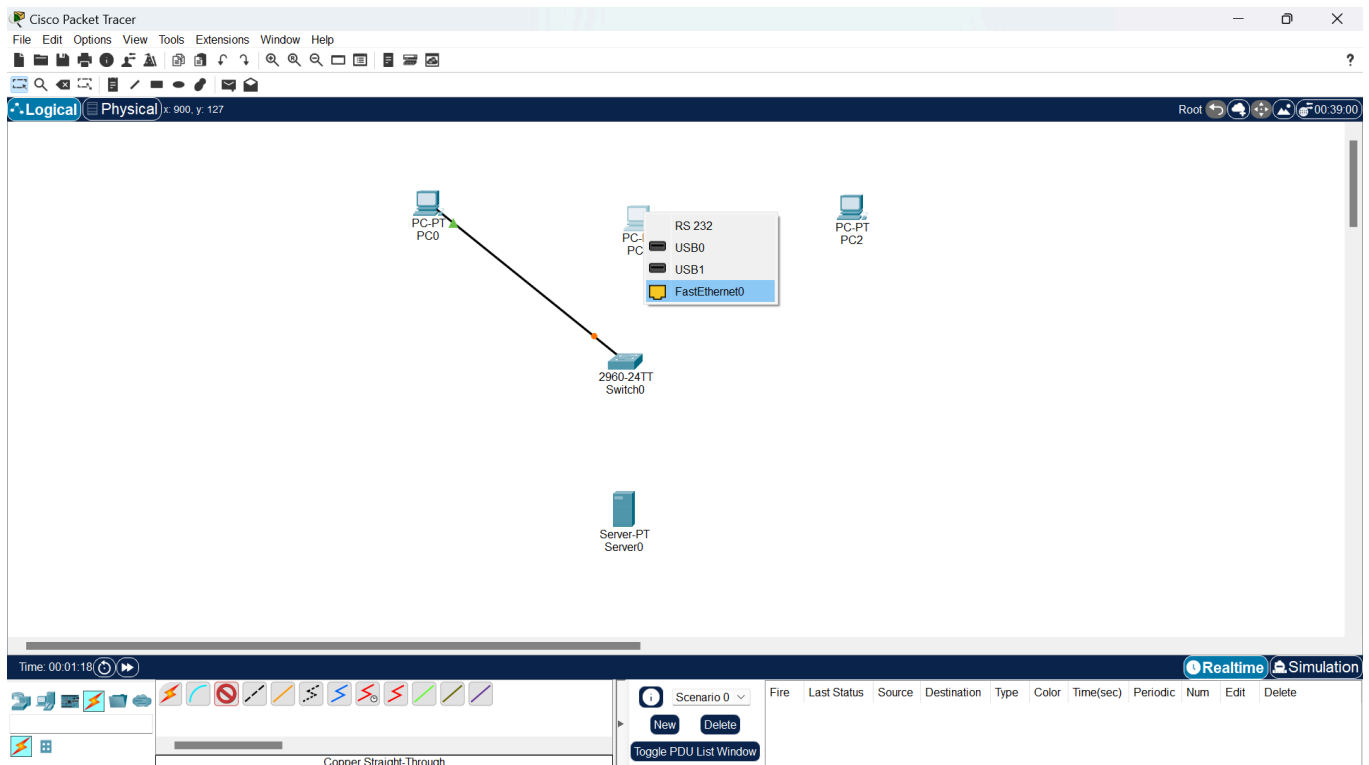
- Etape 2 : Dispatcher les équipements : PC0/PC1/PC2/Switch0/Server0



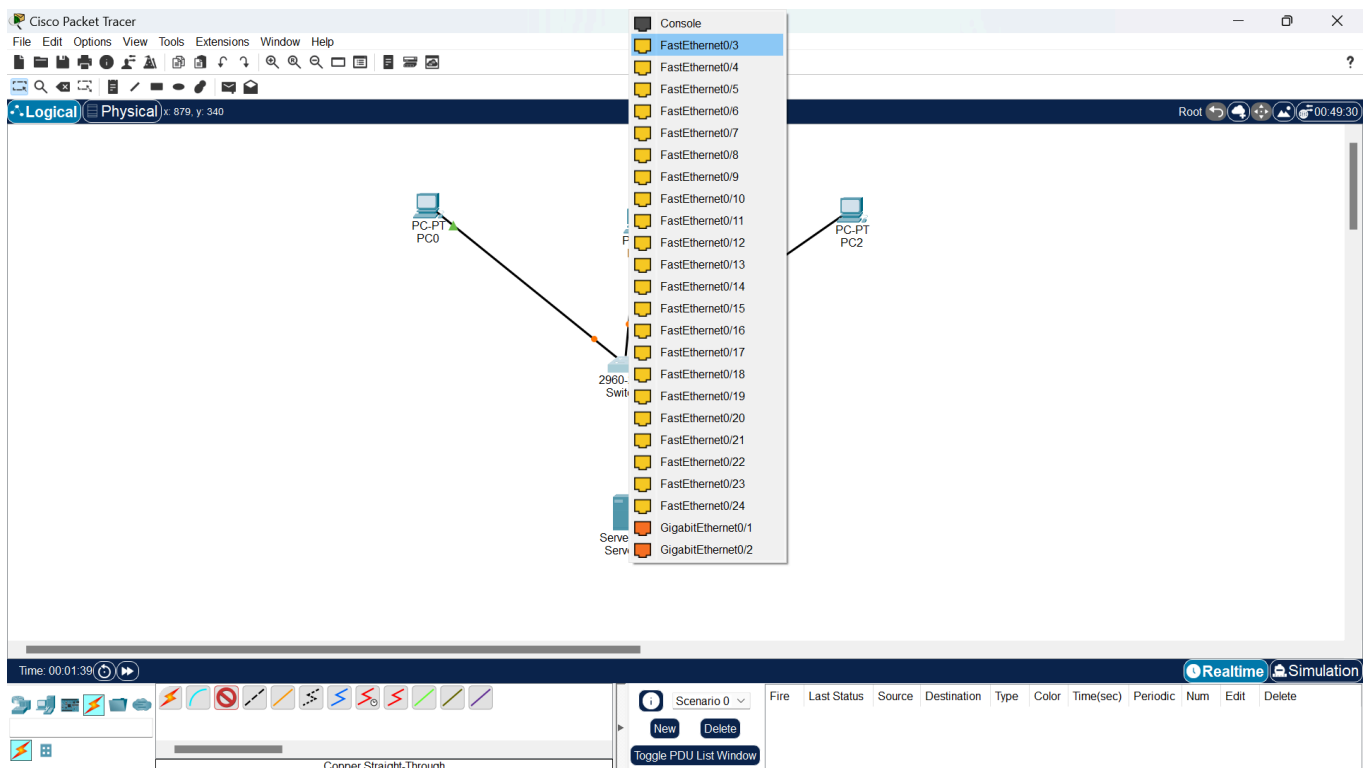
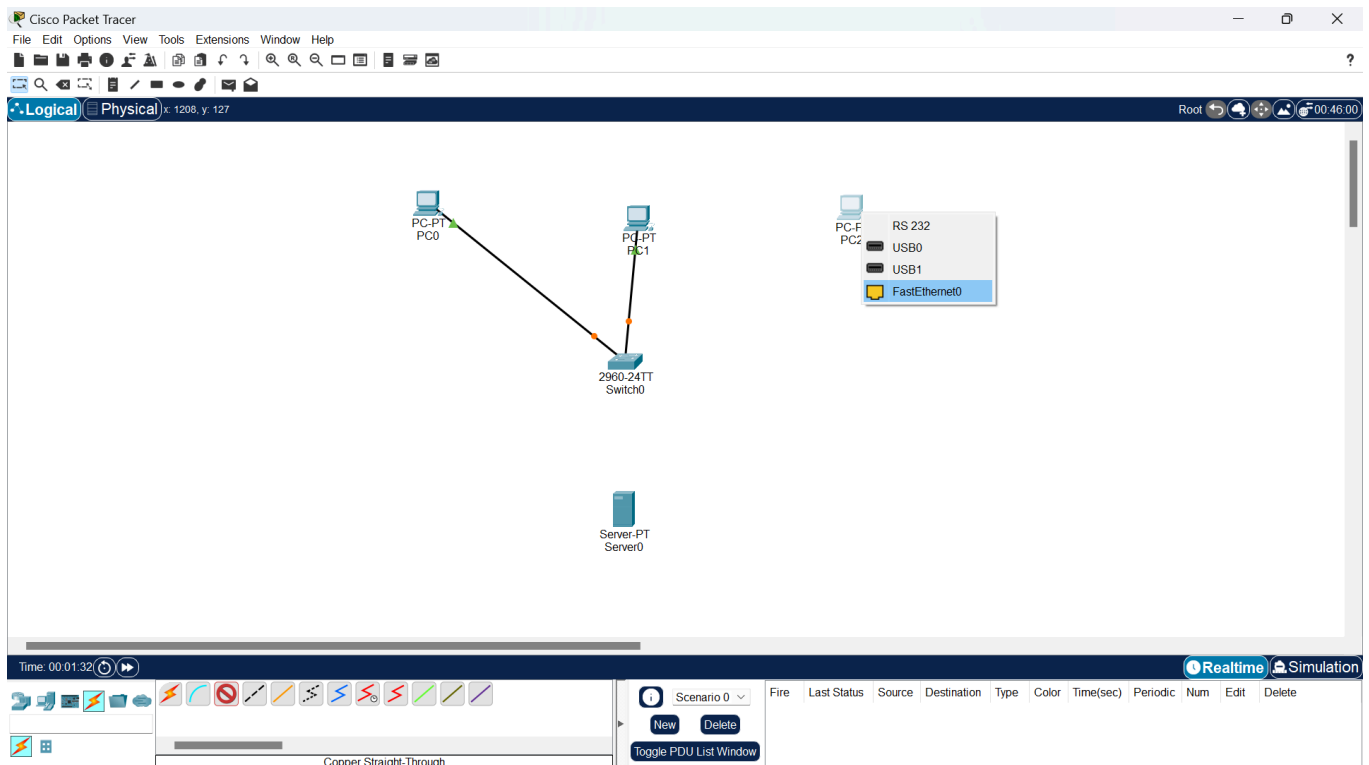
- Etape 3 : Câbler à l'aide d'un câble droit le PC0 (Fastethernet0) au Switch0 (FastEthernet0/1)



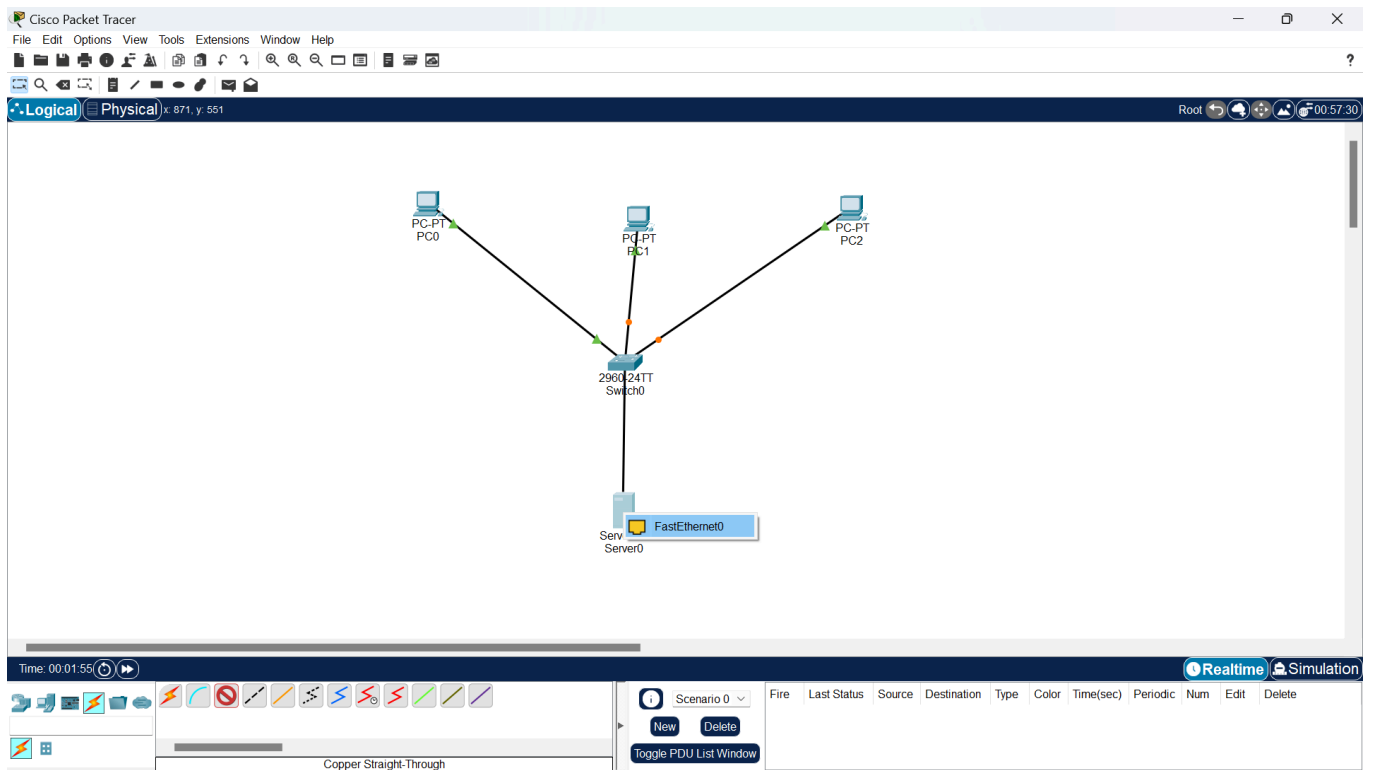
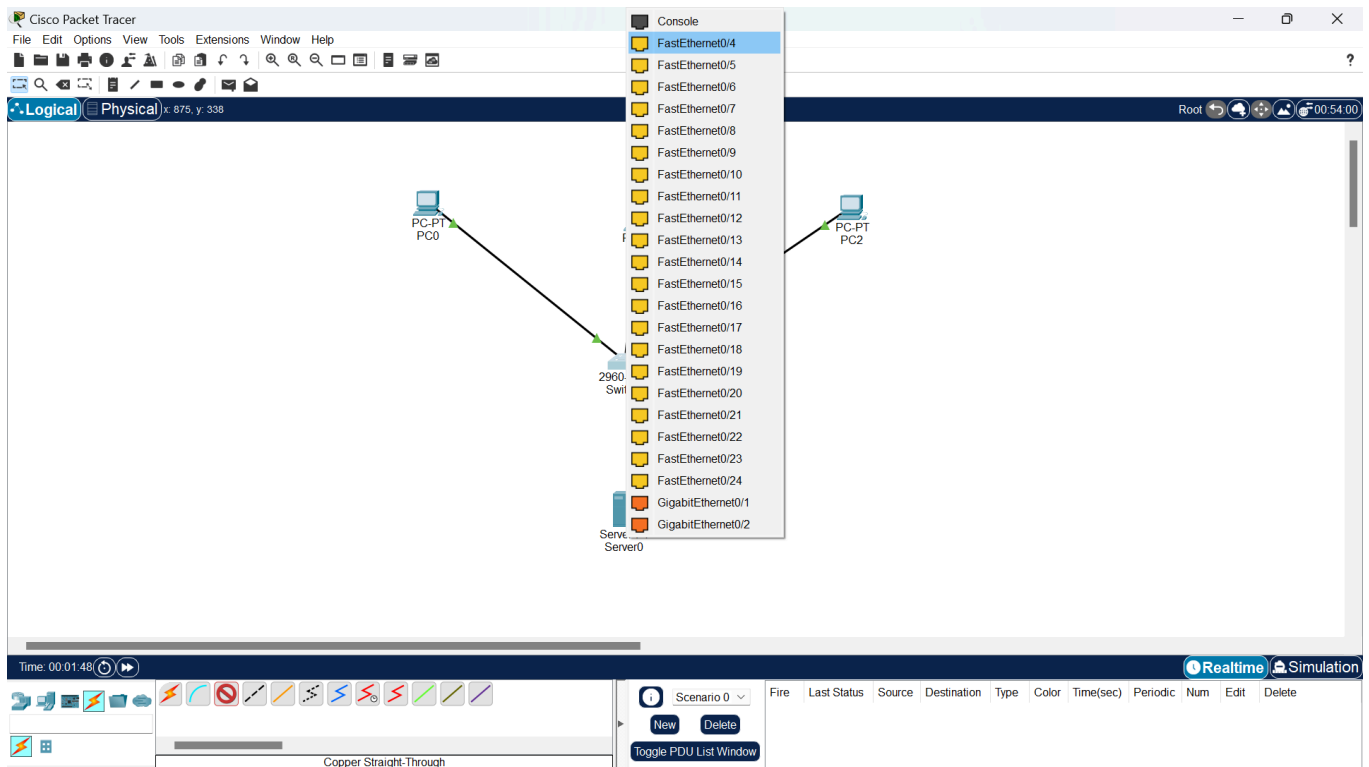
- Etape 4 : Câbler à l'aide d'un câble droit le PC1 (Fastethernet0) au Switch0 (FastEthernet0/2)

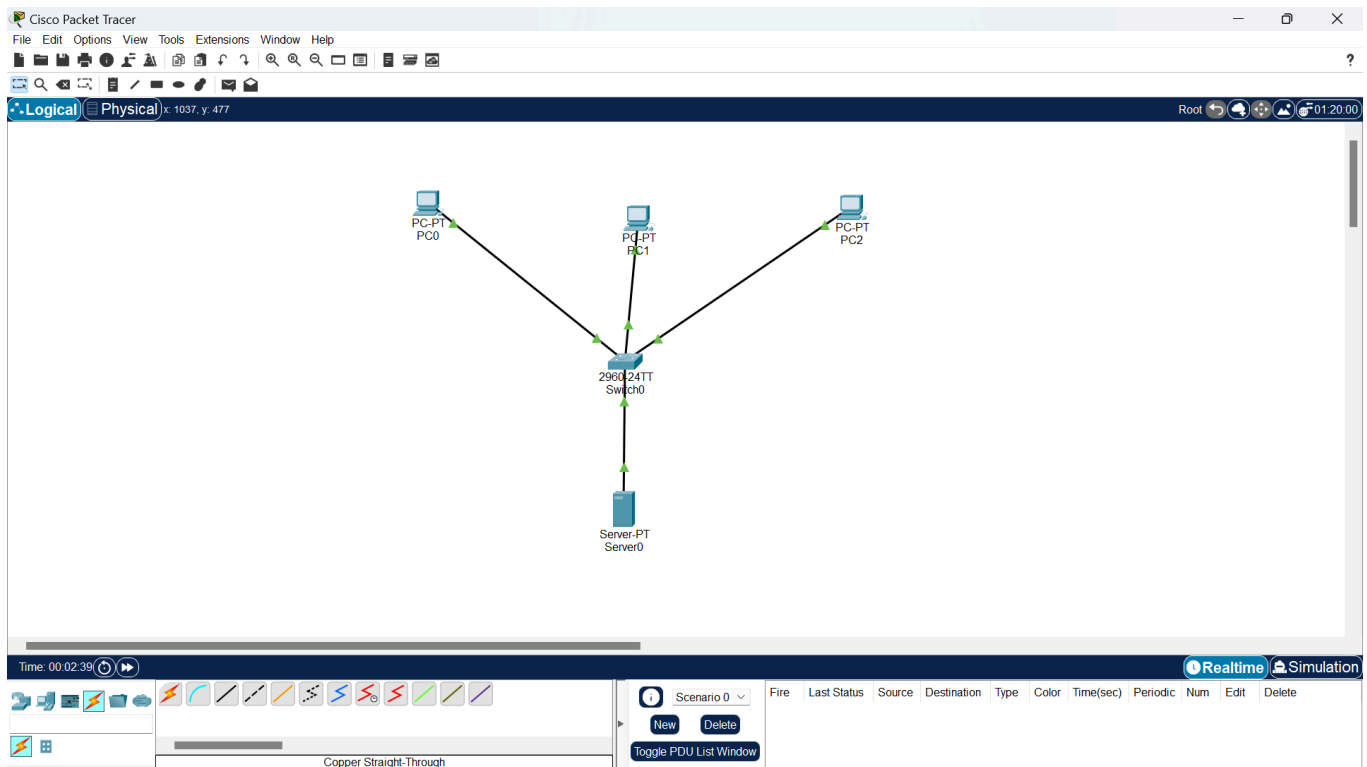


Etape 5 : Câbler à l'aide d'un câble droit le PC3 (Fastethernet0) au Switch0 (FastEthernet0/3)

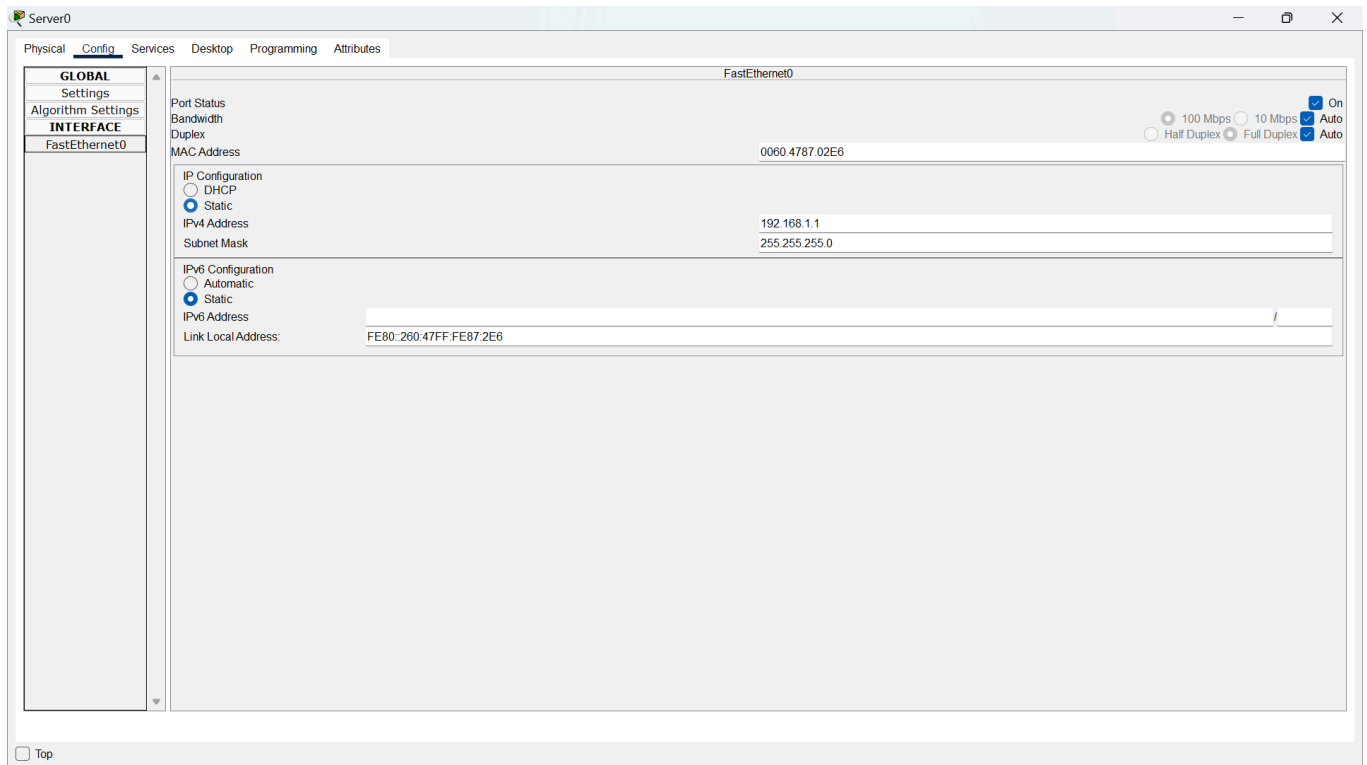


Etape 6 : Câbler à l'aide d'un câble droit le Switch0 (FastEthernet0/4) au Server0 (FastEthernet0)





Etape 7 : Configurer l'adresse IP de l'interface FastEthernet0 du Server0 : 192.168.1.1



Etape 8 : Activer le mode DHCP du Server0 dans l'onglet "Services" en cliquant sur "on"

Server0

Physical Config **Services** Desktop Programming Attributes

**SERVICES**

- HTTP
- DHCP**
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

DHCP

Interface: FastEthernet0 Service: ☒ On ☐ Off

Pool Name: serverPool

Default Gateway: 0.0.0.0

DNS Server: 0.0.0.0

Start IP Address: 0 0 0 0

Subnet Mask: 255 255 255 0

Maximum Number of Users: 0

TFTP Server: 0.0.0.0

WLC Address: 0.0.0.0

Add Save Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	0.0.0.0	0.0.0.0	192.168.1.10	255.255.255.0	50	0.0.0.0	0.0.0.0

☐ Top

Etape 9 : Attribuer une "Start IP Adress" au serverPool : 192.168.1.10

Server0

Physical Config **Services** Desktop Programming Attributes

**SERVICES**

- HTTP
- DHCP**
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

DHCP

Interface: FastEthernet0 Service: ☒ On ☐ Off

Pool Name: serverPool

Default Gateway: 0.0.0.0

DNS Server: 0.0.0.0

Start IP Address: 192 168 1 10

Subnet Mask: 255 255 255 0

Maximum Number of Users: 50

TFTP Server: 0.0.0.0

WLC Address: 0.0.0.0

Add Save Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	0.0.0.0	0.0.0.0	192.168.1.10	255.255.255.0	50	0.0.0.0	0.0.0.0

☐ Top

Etape 10 : Attribuer un "Maximum Number of Users" : 50



Server0

Physical Config **Services** Desktop Programming Attributes

**SERVICES**

- HTTP
- DHCP**
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

DHCP

Interface: FastEthernet0 Service: ☒ On ☐ Off

Pool Name: serverPool

Default Gateway: 0.0.0.0

DNS Server: 0.0.0.0

Start IP Address: 192 168 1 10

Subnet Mask: 255 255 255 0

Maximum Number of Users: 50

TFTP Server: 0.0.0.0

WLC Address: 0.0.0.0

Add Save Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	0.0.0.0	0.0.0.0	192.168.1.10	255.255.255.0	50	0.0.0.0	0.0.0.0

☐ Top

## Etape 11 : Cliquer sur "Add"

Server0

Physical Config **Services** Desktop Programming Attributes

**SERVICES**

- HTTP
- DHCP**
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

DHCP

Interface: FastEthernet0 Service: ☒ On ☐ Off

Pool Name: serverPool

Default Gateway: 0.0.0.0

DNS Server: 0.0.0.0

Start IP Address: 192 168 1 10

Subnet Mask: 255 255 255 0

Maximum Number of Users: 50

TFTP Server: 0.0.0.0

WLC Address: 0.0.0.0

Add Save Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	0.0.0.0	0.0.0.0	192.168.1.10	255.255.255.0	50	0.0.0.0	0.0.0.0

☐ Top

Etape 12 : Vérifier les adresses IP des PC0 PC1 et PC2 sachant que l'adresse IP de départ est 192.108.1.10

PC0

PhysicalConfigDesktopProgrammingAttributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Bluetooth

Port Status

Bandwidth

Duplex

MAC Address

IP Configuration

IPv4 Address

Subnet Mask

IPv6 Configuration

IPv6 Address

Link Local Address

0002.17CC.4518

192.168.1.10

255.255.255.0

FE80::202:17FF:FECC:4518

100 Mbps

10 Mbps

Half Duplex

Full Duplex

On

Auto

Auto

☐ Top

PC1

PhysicalConfigDesktopProgrammingAttributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Bluetooth

Port Status

Bandwidth

Duplex

MAC Address

IP Configuration

IPv4 Address

Subnet Mask

IPv6 Configuration

IPv6 Address

Link Local Address

0060.5C9C.C1B0

192.168.1.11

255.255.255.0

FE80::260:5CFF:FE9C:C1B0

100 Mbps

10 Mbps

Half Duplex

Full Duplex

On

Auto

Auto

☐ Top

PC2

PhysicalConfigDesktopProgrammingAttributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Bluetooth

FastEthernet0

Port Status

Bandwidth

Duplex

MAC Address

0004 9A81 278D

IP Configuration

DHCP

Static

IPv4 Address

192.168.1.12

Subnet Mask

255.255.255.0

IPv6 Configuration

Automatic

Static

IPv6 Address

Link Local Address:

FE80::204:9AFF:FE81:278D

100 Mbps

10 Mbps

On

Half Duplex

Full Duplex

Auto

Top