

# Configuração DHCP do servidor

Physical x: 962, y: 235

```
graph TD; Switch[2950-24 Switch0] --- PC1[PC-PT 10.0.0.10]; Switch --- PC2[PC-PT 10.0.0.11]; Switch --- PC3[PC-PT 10.0.0.12]; Switch --- PC4[PC-PT 10.0.0.13]; Switch --- Printer[Printer-PT 10.0.0.50]; Switch --- Server[Server-PT Server0];
```

### 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: 10.0.0.2

DNS Server: 10.0.0.1

Start IP Address: 10 0 0 10

Subnet Mask: 255 0 0 0

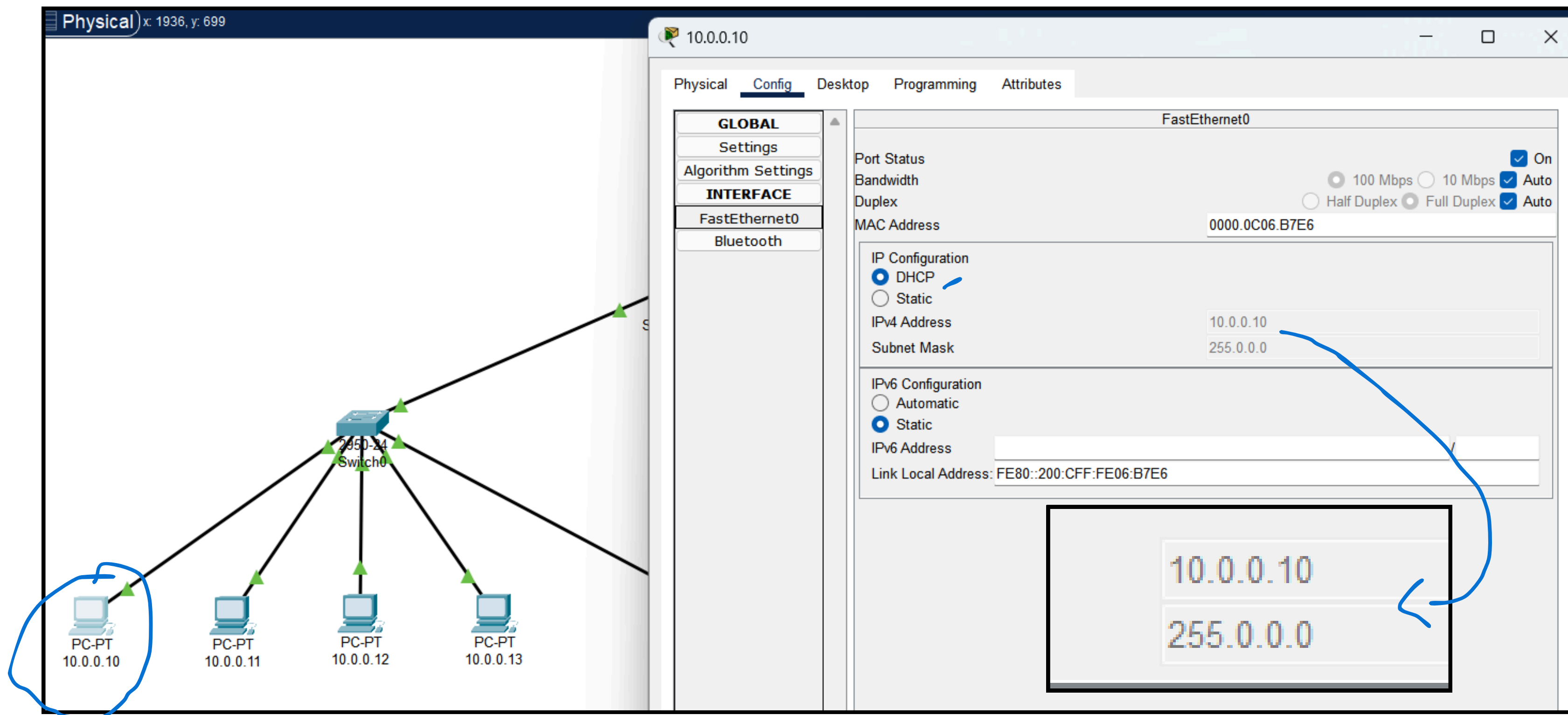
Maximum Number of Users: 20

TFTP Server: 0.0.0.0

WLC Address: 0.0.0.0

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	10.0.0.2	10.0.0.1	10.0.0.10	255.0.0.0	20	0.0.0.0	0.0.0.0

# Configuração do IP DHCP do PC01



# Configuração do IP DHCP do PC02

The image displays a network configuration interface. On the left, a network diagram shows a central switch labeled '2950-24 Switch0' connected to five devices: 'PC-PT 10.0.0.10', 'PC-PT 10.0.0.11' (circled in blue), 'PC-PT 10.0.0.12', 'PC-PT 10.0.0.13', and 'Printer-PT 10.0.0.50'. A 'Server-PT Server0' is also connected to the switch. On the right, the configuration window for '10.0.0.11' is open, showing the 'Config' tab for the 'FastEthernet0' interface. The 'IP Configuration' section has 'DHCP' selected. The 'IPv4 Address' is set to '10.0.0.11' and the 'Subnet Mask' is '255.0.0.0'. The 'IPv6 Configuration' section has 'Static' selected, with an 'IPv6 Address' field and a 'Link Local Address' of 'FE80::206:2AFF:FE15:69CC'. A blue arrow points from the '10.0.0.11' field in the DHCP section to a box containing '10.0.0.11' and '255.0.0.0'.

Physical x: 2002, y: 646

10.0.0.11

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 0006.2A15.69CC

IP Configuration

☒ DHCP

☐ Static

IPv4 Address 10.0.0.11

Subnet Mask 255.0.0.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

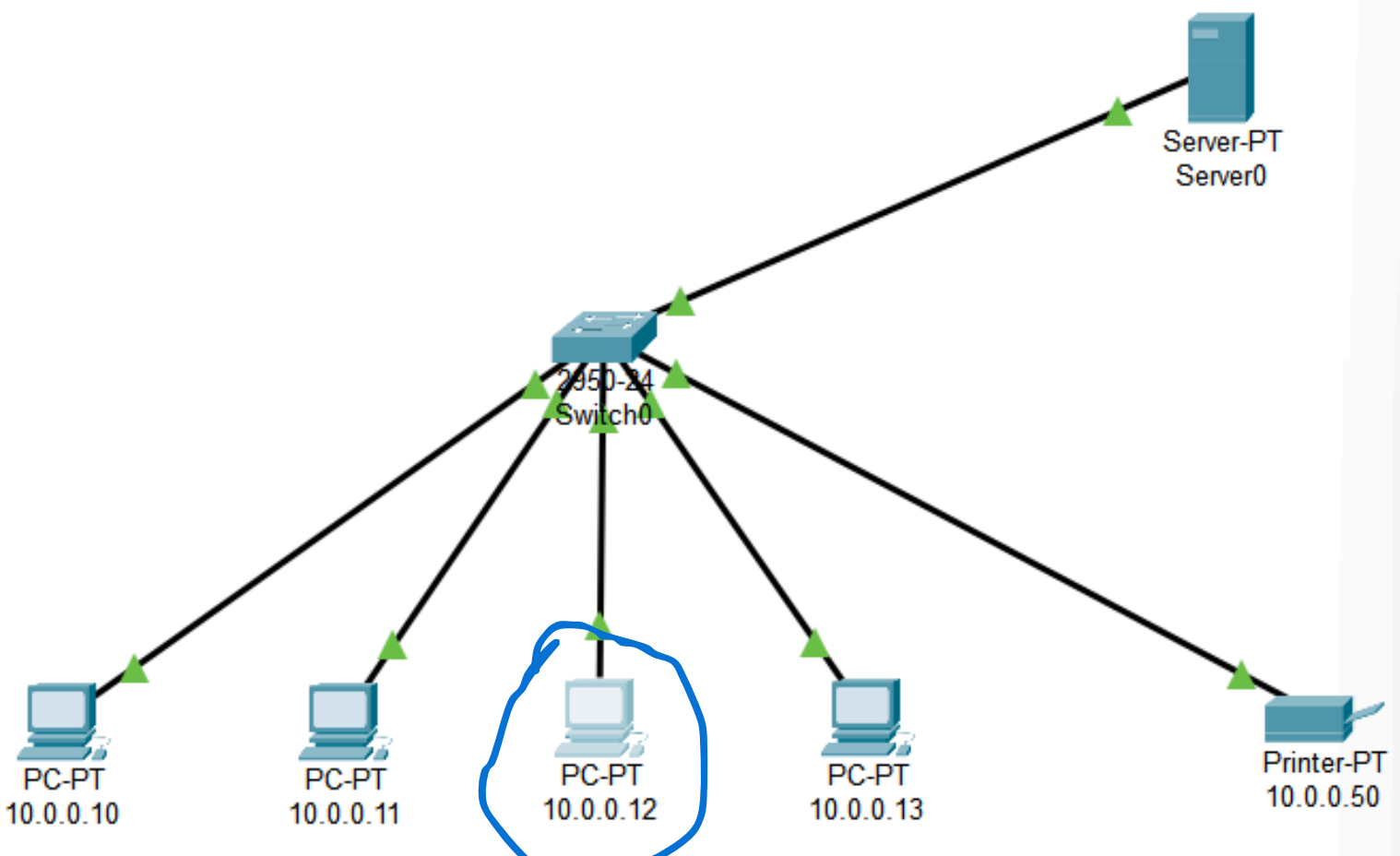
Link Local Address: FE80::206:2AFF:FE15:69CC

10.0.0.11

255.0.0.0

# Configuração do IP DHCP do PC03

Physical x: 903, y: 420



```
graph TD; Switch[2950-24 Switch0] --- Server[Server-PT Server0]; Switch --- PC10[PC-PT 10.0.0.10]; Switch --- PC11[PC-PT 10.0.0.11]; Switch --- PC12[PC-PT 10.0.0.12]; Switch --- PC13[PC-PT 10.0.0.13]; Switch --- Printer[Printer-PT 10.0.0.50];
```

10.0.0.12

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 000C.CF20.9AEC

IP Configuration

☒ DHCP

☐ Static

IPv4 Address 10.0.0.12

Subnet Mask 255.0.0.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

Link Local Address: FE80::20C:CFFF:FE20:9AEC

10.0.0.12

255.0.0.0

# Configuração do IP DHCP do PC04

The image displays a network simulation environment. On the left, a physical network diagram shows a central 24-port switch connected to a server, four PCs, and a printer. The PCs are labeled PC-PT 10.0.0.10, PC-PT 10.0.0.11, PC-PT 10.0.0.12, and PC-PT 10.0.0.13. The printer is labeled Printer-PT 10.0.0.50. The PC with IP 10.0.0.13 is circled in blue. On the right, the configuration window for PC04 (10.0.0.13) is shown. The 'Config' tab is active, displaying the 'FastEthernet0' interface settings. The 'IP Configuration' section shows 'DHCP' selected. The 'IPv4 Address' is set to 10.0.0.13 and the 'Subnet Mask' is 255.0.0.0. The 'IPv6 Configuration' section shows 'Static' selected, with an 'IPv6 Address' field and a 'Link Local Address' of FE80::207:ECFF:FEE6:BD46. A blue arrow points from the IP address field in the configuration window to a box containing the IP address 10.0.0.13 and the subnet mask 255.0.0.0.

Physical x: 1820, y: 119

10.0.0.13

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 0007.ECE6.BD46

IP Configuration

☒ DHCP

☐ Static

IPv4 Address 10.0.0.13

Subnet Mask 255.0.0.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

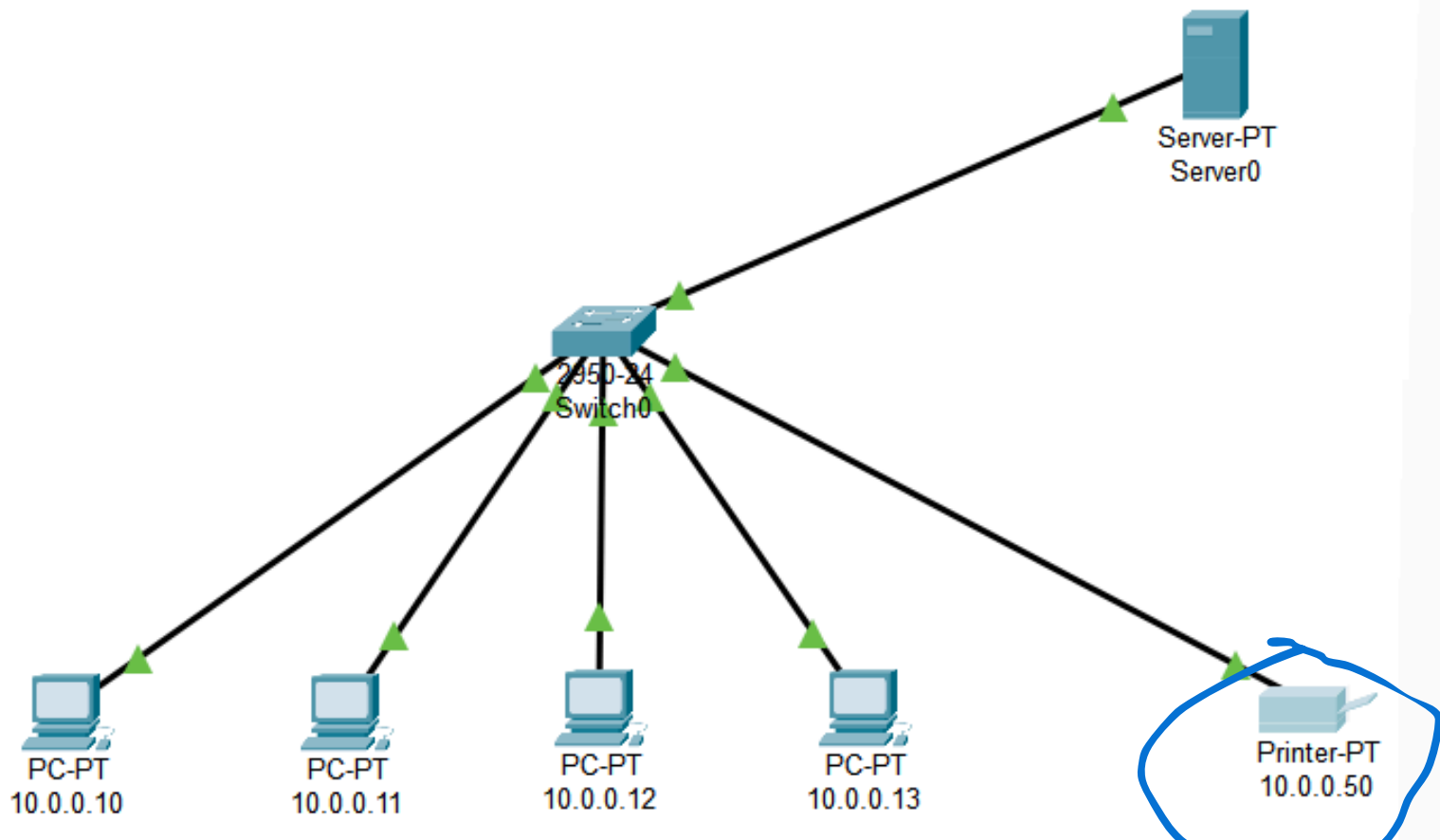
Link Local Address: FE80::207:ECFF:FEE6:BD46

10.0.0.13

255.0.0.0

# Configuração do IP Static do Printer01

Physical x: 998, y: 539



2950-24 Switch0

Server-PT Server0

PC-PT 10.0.0.10

PC-PT 10.0.0.11

PC-PT 10.0.0.12

PC-PT 10.0.0.13

Printer-PT 10.0.0.50

10.0.0.50

Physical Config Attributes

GLOBAL

Settings

INTERFACE

FastEthernet0

Port Status ☒ On

Bandwidth ☐ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0000.0CC4.07EB

IP Configuration

☐ DHCP

☒ Static

IPv4 Address 10.0.0.50

Subnet Mask 255.0.0.0

IPv6 Configuration

☐ Automatic

☒ Static

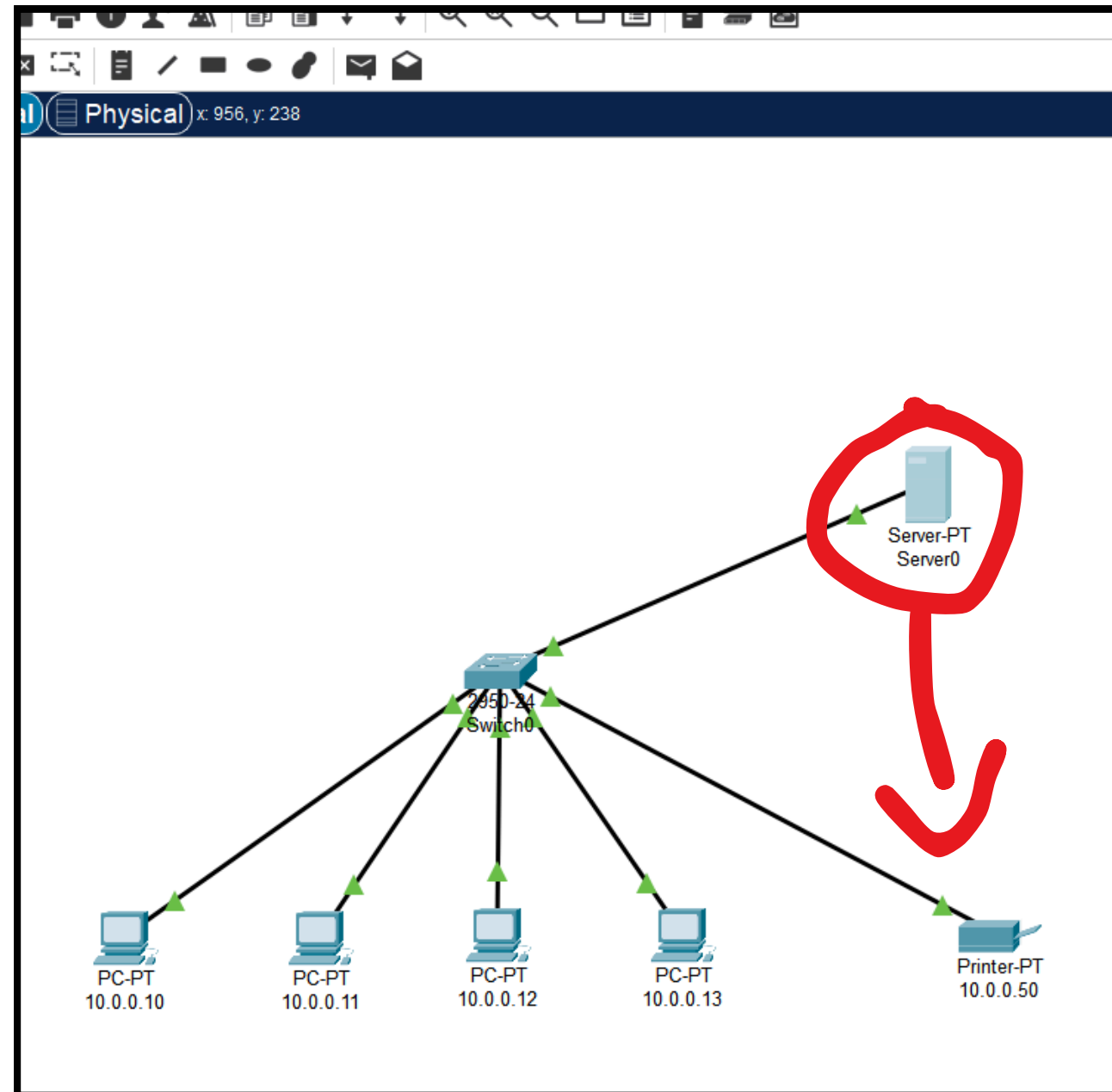
IPv6 Address

Link Local Address: FE80::200:CFF:FEC4:7EB

10.0.0.50

255.0.0.0

# Teste de ping do servidor para a impressora



Server0

Physical Config Services Desktop Programming Attributes

Command Prompt

```
Cisco Packet Tracer SERVER Command Line 1.0
C:\>ping 10.0.0.50

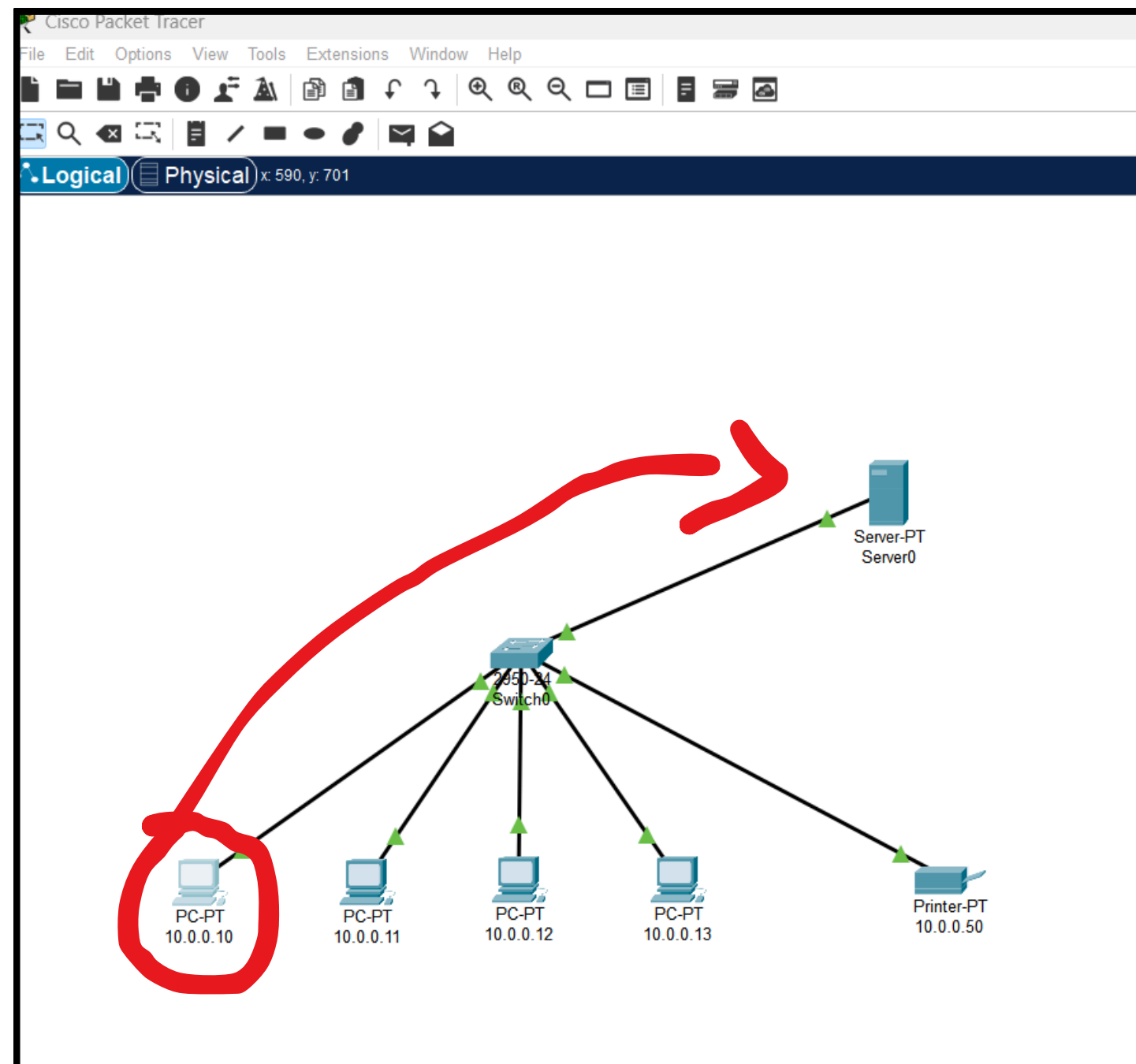
Pinging 10.0.0.50 with 32 bytes of data:

Reply from 10.0.0.50: bytes=32 time<1ms TTL=128
Reply from 10.0.0.50: bytes=32 time<1ms TTL=128
Reply from 10.0.0.50: bytes=32 time<1ms TTL=128
Reply from 10.0.0.50: bytes=32 time<1ms TTL=128

Ping statistics for 10.0.0.50:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

## Teste de ping do PC01 para o servidor



10.0.0.10

Physical Config Desktop Programming Attributes

Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.0.0.1

Pinging 10.0.0.1 with 32 bytes of data:

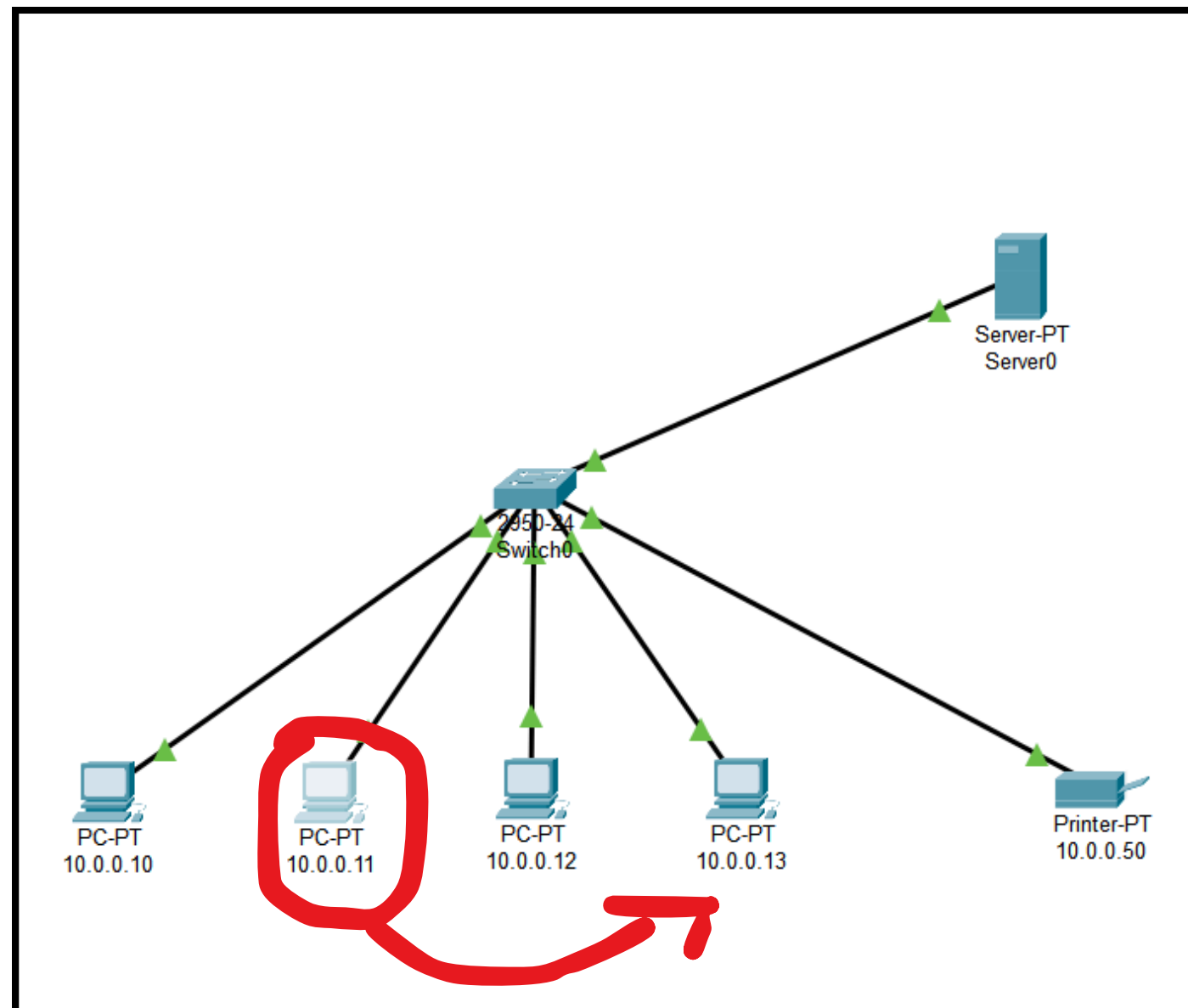
Reply from 10.0.0.1: bytes=32 time<1ms TTL=128
Reply from 10.0.0.1: bytes=32 time<1ms TTL=128
Reply from 10.0.0.1: bytes=32 time<1ms TTL=128
Reply from 10.0.0.1: bytes=32 time<1ms TTL=128

Ping statistics for 10.0.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```



## Teste de ping do PC02 para o PC04



10.0.0.11

Physical Config **Desktop** Programming Attributes

Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.0.0.13

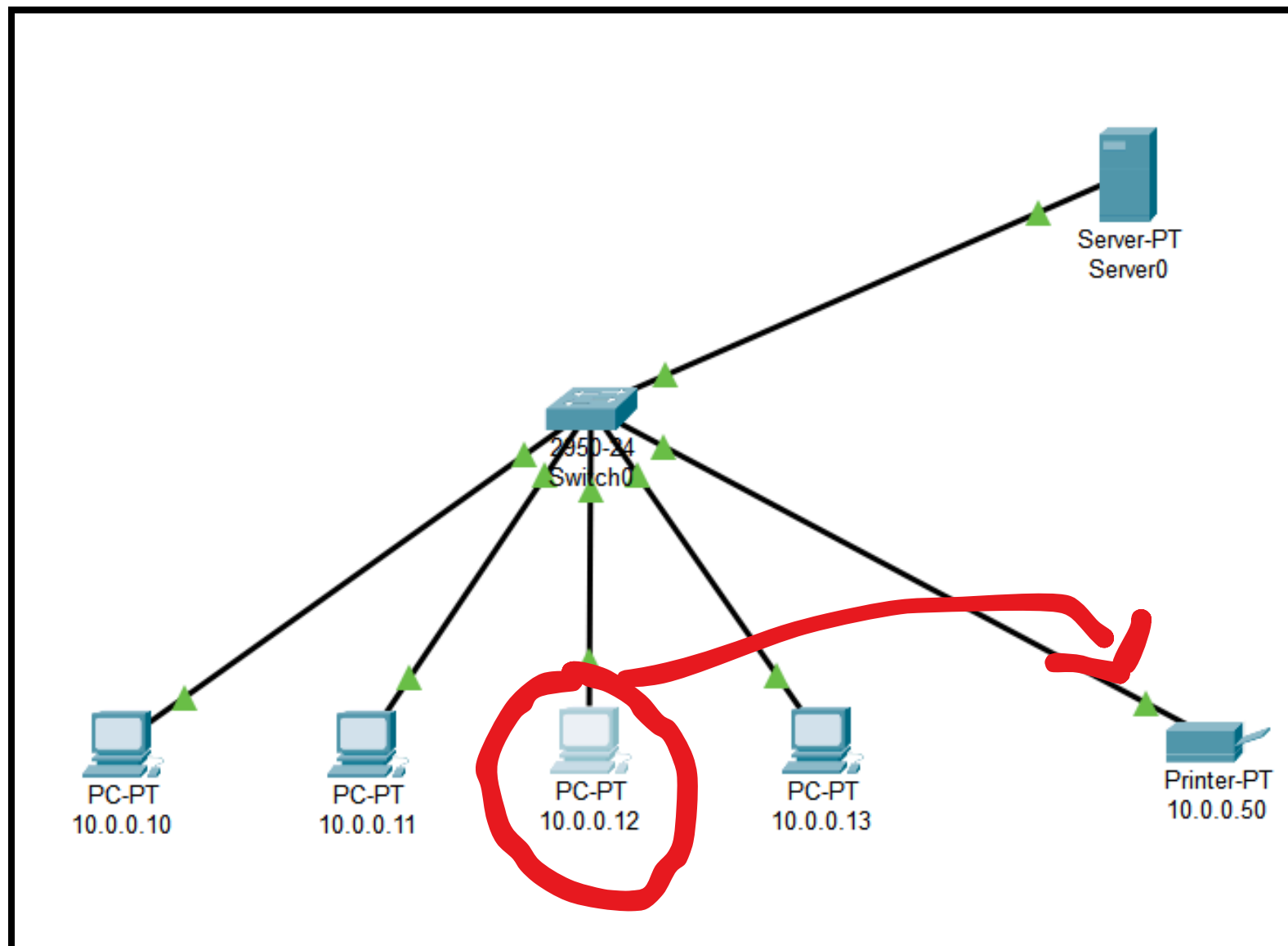
Pinging 10.0.0.13 with 32 bytes of data:

Reply from 10.0.0.13: bytes=32 time<1ms TTL=128
Reply from 10.0.0.13: bytes=32 time<1ms TTL=128
Reply from 10.0.0.13: bytes=32 time<1ms TTL=128
Reply from 10.0.0.13: bytes=32 time<1ms TTL=128

Ping statistics for 10.0.0.13:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

## Teste de ping do PC03 para a impressora



10.0.0.12

Physical Config Desktop Programming Attributes

Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.0.0.50

Pinging 10.0.0.50 with 32 bytes of data:

Reply from 10.0.0.50: bytes=32 time<1ms TTL=128
Reply from 10.0.0.50: bytes=32 time<1ms TTL=128
Reply from 10.0.0.50: bytes=32 time<1ms TTL=128
Reply from 10.0.0.50: bytes=32 time<1ms TTL=128

Ping statistics for 10.0.0.50:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```