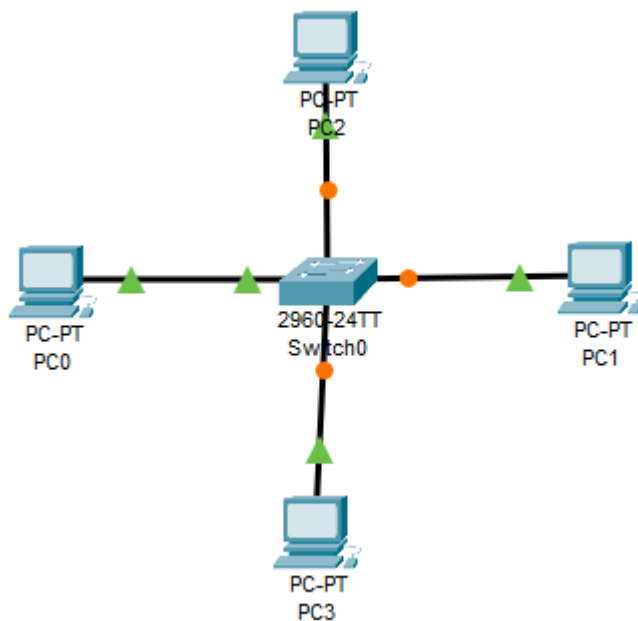


Configuração da Topologia

- **Dispositivos utilizados:**
 - Switch modelo 2960
 - 4 PCs configurados com endereços IP dentro da mesma sub-rede (192.168.1.0/24).
- **Conexões:**
 - Cada PC está conectado ao switch com cabos Ethernet (cabo de cobre direto).

Capturas de Tela

1. Topologia da Rede



2. Configuração de Endereços IP

Figura 2:

IPv4 Address	192.168.1.1
Subnet Mask	255.255.255.0

3. Teste de Conectividade

PC1:

```
C:\>ping 192.168.1.2

Pinging 192.168.1.2 with 32 bytes of data:

Ping statistics for 192.168.1.2:
    Packets: Sent = 1, Received = 0, Lost = 1 (100% loss),

Control-C
^C
C:\>ping 192.168.1.3

Pinging 192.168.1.3 with 32 bytes of data:

Ping statistics for 192.168.1.3:
    Packets: Sent = 1, Received = 0, Lost = 1 (100% loss),

Control-C
^C
C:\>ping 192.168.1.4

Pinging 192.168.1.4 with 32 bytes of data:

Ping statistics for 192.168.1.4:
    Packets: Sent = 1, Received = 0, Lost = 1 (100% loss),
```

PC2:

```
C:\>ping 192.168.1.1

Pinging 192.168.1.1 with 32 bytes of data:

Ping statistics for 192.168.1.1:
    Packets: Sent = 1, Received = 0, Lost = 1 (100% loss),

Control-C
^C
C:\>ping 192.168.1.3

Pinging 192.168.1.3 with 32 bytes of data:

Ping statistics for 192.168.1.3:
    Packets: Sent = 1, Received = 0, Lost = 1 (100% loss),

Control-C
^C
C:\>ping 192.168.1.4

Pinging 192.168.1.4 with 32 bytes of data:
```

PC3:

```
C:\>ping 192.168.1.1

Pinging 192.168.1.1 with 32 bytes of data:

Ping statistics for 192.168.1.1:
    Packets: Sent = 1, Received = 0, Lost = 1 (100% loss),

Control-C
^C
C:\>ping 192.163.1.2

Pinging 192.163.1.2 with 32 bytes of data:

Ping statistics for 192.163.1.2:
    Packets: Sent = 1, Received = 0, Lost = 1 (100% loss),

Control-C
^C
C:\>ping 192.168.1.4

Pinging 192.168.1.4 with 32 bytes of data:

Ping statistics for 192.168.1.4:
    Packets: Sent = 1, Received = 0, Lost = 1 (100% loss),
```

PC4:

```
C:\>ping 192.168.1.1

Pinging 192.168.1.1 with 32 bytes of data:

Ping statistics for 192.168.1.1:
    Packets: Sent = 1, Received = 0, Lost = 1 (100% loss),

Control-C
^C
C:\>ping 192.168.1.2

Pinging 192.168.1.2 with 32 bytes of data:

Ping statistics for 192.168.1.2:
    Packets: Sent = 1, Received = 0, Lost = 1 (100% loss),

Control-C
^C
C:\>ping 192.168.1.3

Pinging 192.168.1.3 with 32 bytes of data:
```