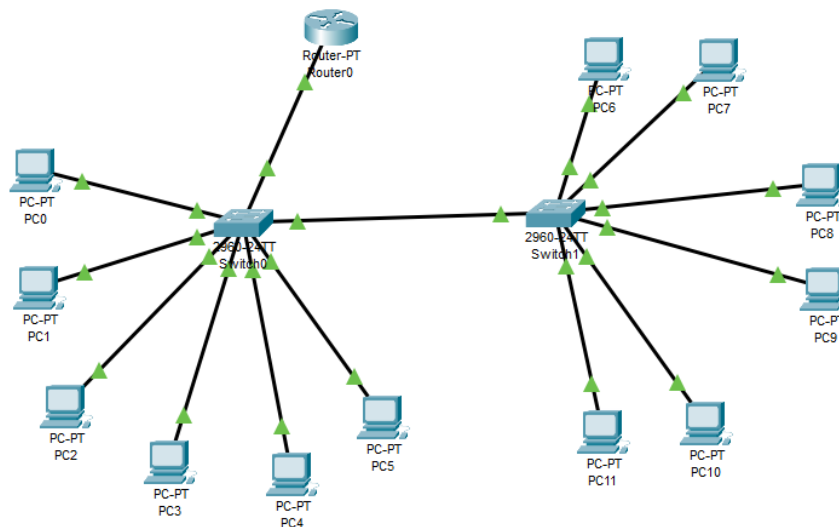


Roteiro 01 – Configuração Switchs

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GitHub - <https://github.com/pdMiranda/REDES-II/blob/main/Roteiro01%20-%20Switch/Roteiro%2001.pkt>

01 - Print da topologia montada



02 - Print da configuração

```
Switch0
Physical Config CLI Attributes
pedro-miranda-01#show run
Building configuration...
Current configuration : 1086 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname pedro-miranda-01
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
!
interface FastEthernet0/2
!
interface FastEthernet0/3
!
interface FastEthernet0/4
switchport access vlan 2
switchport mode access
!
interface FastEthernet0/5
switchport access vlan 2
switchport mode access
!
interface FastEthernet0/6
switchport access vlan 2
switchport mode access
!
interface FastEthernet0/7
!
interface FastEthernet0/8
!
interface FastEthernet0/9
!
interface FastEthernet0/10
!
interface FastEthernet0/11
!
interface FastEthernet0/12
!
interface FastEthernet0/13
!
interface FastEthernet0/14
!
interface FastEthernet0/15
!
interface FastEthernet0/16
!
interface FastEthernet0/17
--More--
```

```
!
interface FastEthernet0/18
!
interface FastEthernet0/19
!
interface FastEthernet0/20
!
interface FastEthernet0/21
!
interface FastEthernet0/22
!
interface FastEthernet0/23
!
interface FastEthernet0/24
switchport mode trunk
!
interface GigabitEthernet0/1
switchport mode trunk
!
interface GigabitEthernet0/2
!
!
interface Vlan1
no ip address
shutdown
!
!
!
line con 0
!
line vty 0 4
login
line vty 5 15
login
!
!
!
end
pedro-miranda-01#
pedro-miranda-01#
```

```
Switch1
Physical Config CLI Attributes
pedro-miranda-02#show run
Building configuration...
Current configuration : 1313 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname pedro-miranda-02
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
!
interface FastEthernet0/2
!
interface FastEthernet0/3
switchport access vlan 2
switchport mode access
!
interface FastEthernet0/4
switchport access vlan 2
switchport mode access
!
interface FastEthernet0/5
switchport access vlan 3
switchport mode access
!
interface FastEthernet0/6
switchport access vlan 3
switchport mode access
!
interface FastEthernet0/7
!
interface FastEthernet0/8
!
interface FastEthernet0/9
!
interface FastEthernet0/10
!
interface FastEthernet0/11
!
interface FastEthernet0/12
!
interface FastEthernet0/13
!
interface FastEthernet0/14
!
interface FastEthernet0/15
!
interface FastEthernet0/16
!
interface FastEthernet0/17
!
interface FastEthernet0/18
!
interface FastEthernet0/19
!
interface FastEthernet0/20
!
interface FastEthernet0/21
!
interface FastEthernet0/22
!
interface FastEthernet0/23
!
interface FastEthernet0/24
!
interface GigabitEthernet0/1
switchport mode trunk
!
interface GigabitEthernet0/2
!
!
!
line con 0
!
line vty 0 4
login
line vty 5 15
login
!
!
!
end
```

03 - Print Fast Ethernet do Roteador

```
Router#show run
Building configuration...

Current configuration : 956 bytes
!
version 12.2
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Router
!
!
!
!
!
ip cef
no ipv6 cef
!
!
!
!
!
!
!
!
!
!
interface FastEthernet0/0
no ip address
duplex auto
speed auto
!
interface FastEthernet0/0.1
encapsulation dot1Q 1 native
ip address 192.168.0.1 255.255.255.0
!
interface FastEthernet0/0.2
encapsulation dot1Q 2
ip address 192.168.1.1 255.255.255.0
!
interface FastEthernet0/0.3
encapsulation dot1Q 3
ip address 192.168.2.1 255.255.255.0
!
interface FastEthernet1/0
no ip address
duplex auto
```

04 - Print ping 192.168.2.11 para o 192.168.0.10

```
C:\>ipconfig

FastEthernet0 Connection:(default port)

    Connection-specific DNS Suffix...:
    Link-local IPv6 Address.....: FE80::2E0:A3FF:FE88:232E
    IPv6 Address.....: ::
    IPv4 Address.....: 192.168.2.11
    Subnet Mask.....: 255.255.255.0
    Default Gateway.....: ::
                                     192.168.2.1

Bluetooth Connection:

    Connection-specific DNS Suffix...:
    Link-local IPv6 Address.....: ::
    IPv6 Address.....: ::
    IPv4 Address.....: 0.0.0.0
    Subnet Mask.....: 0.0.0.0
    Default Gateway.....: ::
                                     0.0.0.0

C:\>ping 192.168.0.10

Pinging 192.168.0.10 with 32 bytes of data:

Reply from 192.168.0.10: bytes=32 time<lms TTL=127
Reply from 192.168.0.10: bytes=32 time<lms TTL=127
Reply from 192.168.0.10: bytes=32 time<lms TTL=127
Reply from 192.168.0.10: bytes=32 time<lms TTL=127

Ping statistics for 192.168.0.10:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
```