

Mini Relatório – Configuração do packet tracer

ROUTER 1 (R1)

1. Acessar o modo de configuração:

enable

configure terminal

2. Configurar interfaces FastEthernet e ativá-las:

Interface FastEthernet 0/0 (rede externa):

interface FastEthernet0/0

ip address 192.168.0.1 255.255.0.0

no shutdown

exit

Interface FastEthernet 0/1 (rede interna):

interface FastEthernet0/1

ip address 172.16.0.1 255.255.255.0

no shutdown

exit

3. Configurar NAT nas interfaces:

interface FastEthernet0/1

ip nat inside

exit

interface FastEthernet0/0

ip nat outside

exit

4. Configurar rota estática:

ip route 10.0.0.0 255.0.0.0 172.16.0.2

ROUTER 2(R3)

1. Acessar o modo de configuração:

enable

configure terminal

2. Configurar interfaces FastEthernet e ativá-las:

Interface FastEthernet 0/0 (rede externa):

interface FastEthernet0/0

ip address 172.16.0.2 255.255.255.0

```
no shutdown
exit
```

Interface FastEthernet 0/1 (rede interna):

```
interface FastEthernet0/1
ip address 10.0.0.1 255.0.0.0
no shutdown
exit
```

3. Configurar NAT Estático (Port Forwarding):

```
ip nat inside source static tcp 10.0.0.10 5000 172.16.0.2 5000
ip nat inside source static udp 10.0.0.10 6000 172.16.0.2 6000
```

4. Aplicar NAT às interfaces:

```
interface FastEthernet0/1
ip nat inside
exit
```

```
interface FastEthernet0/0
ip nat outside
exit
```

5. Configurar rota estática:

```
ip route 192.168.0.0 255.255.0.0 172.16.0.177
```

configuração dos PCS feita pela interface gráfica e seguindo enunciado

PC0 (PC1)

PC0

Physical Config Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Bluetooth

Global Settings

Display Name PC0

Interfaces FastEthernet0

Gateway/DNS IPv4

☐ DHCP

☒ Static

Default Gateway 192.168.0.1

PC0

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 0060.4779.4C79

IP Configuration

☐ DHCP

☒ Static

IPv4 Address 192.168.0.10

Subnet Mask 255.255.0.0

IPv6 Configuration

PC1 (PC2)

PC1

PhysicalConfigDesktopProgrammingAttributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Bluetooth

Global Settings

Display NamePC1

InterfacesFastEthernet0

Gateway/DNS IPv4

DHCP

Static

Default Gateway10.0.0.1

PC1

PhysicalConfigDesktopProgrammingAttributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Bluetooth

FastEthernet0

Port Status

100 Mbps

10 Mbps

✓

A

Bandwidth

Half Duplex

Full Duplex

✓

A

Duplex

Half Duplex

Full Duplex

✓

A

MAC Address000C.CF8C.E158

IP Configuration

DHCP

Static

IPv4 Address10.0.0.10

Subnet Mask255.0.0.0