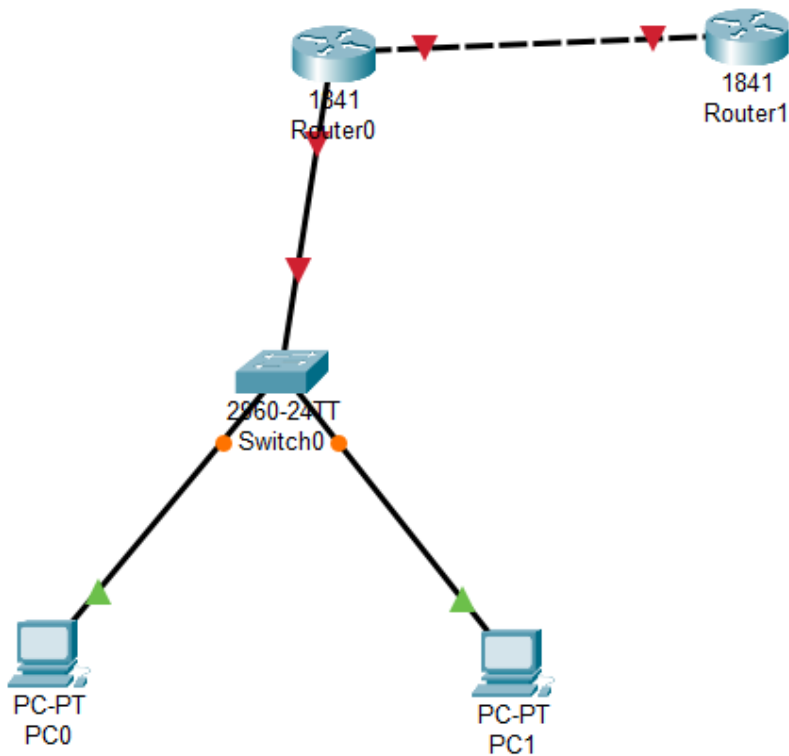


Построил сеть



Настроил ПК

Настроил роутер

Router0

Physical Config CLI Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/0

FastEthernet0/1

FastEthernet0/0

Port Status ☒ On

Bandwidth ☒ Auto

Duplex ☒ Full Duplex

MAC Address 00E0.A361.8A01

IP Configuration

IPv4 Address 192.168.0.100

Subnet Mask 255.255.255.0

Tx Ring Limit 10

Physical **Config** CLI Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/0

FastEthernet0/1

FastEthernet0/1

Port Status ☒ On

Bandwidth ☐ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 00E0.A361.8A02

IP Configuration

IPv4 Address 100.10.10.1

Subnet Mask 255.0.0.0

Tx Ring Limit 10

Роутер 1

Router1

Physical **Config** CLI Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/0

FastEthernet0/1

FastEthernet0/0

Port Status ☒ On

Bandwidth ☐ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0060.70E6.E301

IP Configuration

IPv4 Address 100.10.10.2

Subnet Mask 255.0.0.0

Tx Ring Limit 10

Настроил конфигурацию

```
Router(config-if)#exit
Router(config)#access-list 1 permit 192.168.0.0 0.0.0.255
Router(config)#ip nat pool white-address 100.10.11.77 100.10.11.99 netmask 255.255.255.0
Router(config)#ip nat inside source list 1 pool white-address
Router(config)#int fa0/0
Router(config-if)#ip nat inside
Router(config-if)#int fa0/1
Router(config-if)#ip nat outside
Router(config-if)#exit
Router(config)#
```

Пинганул с PC0

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 100.10.10.2

Pinging 100.10.10.2 with 32 bytes of data:

Request timed out.
Request timed out.
Reply from 100.10.10.2: bytes=32 time=1ms TTL=254
Reply from 100.10.10.2: bytes=32 time<1ms TTL=254

Ping statistics for 100.10.10.2:
    Packets: Sent = 4, Received = 2, Lost = 2 (50% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

Пинганул с PC1

```
C:\>ping 100.10.10.2

Pinging 100.10.10.2 with 32 bytes of data:

Request timed out.
Reply from 100.10.10.2: bytes=32 time<1ms TTL=254
Reply from 100.10.10.2: bytes=32 time<1ms TTL=254
Reply from 100.10.10.2: bytes=32 time<1ms TTL=254

Ping statistics for 100.10.10.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

Show ip nat translations

```
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#show ip nat translations
Pro  Inside global      Inside local      Outside local      Outside global
icmp 100.10.11.78:1      192.168.0.2:1     100.10.10.2:1     100.10.10.2:1
icmp 100.10.11.78:2      192.168.0.2:2     100.10.10.2:2     100.10.10.2:2
icmp 100.10.11.78:3      192.168.0.2:3     100.10.10.2:3     100.10.10.2:3
icmp 100.10.11.78:4      192.168.0.2:4     100.10.10.2:4     100.10.10.2:4

Router#
```