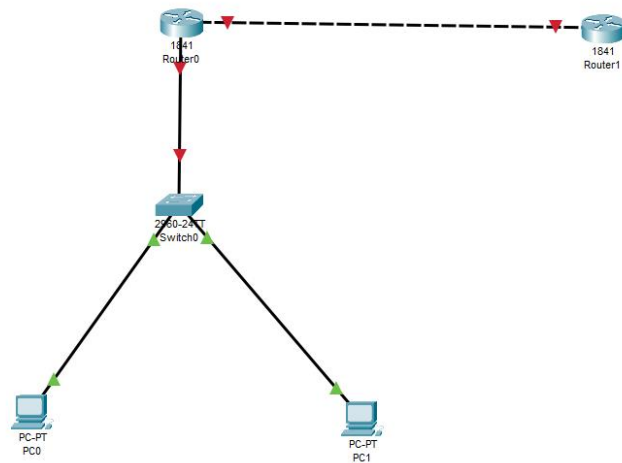


## Практическая работа 22 - Статический NAT

Построил сеть:



Настроил ПК0 и ПК1.

Настроил роутер 0:

<b>SWITCHING</b>	IP Configuration
VLAN Database	IPv4 Address 192.168.0.100
<b>INTERFACE</b>	Subnet Mask 255.255.255.0
FastEthernet0/0	
FastEthernet0/1	
	Tx Ring Limit 10

<b>SWITCHING</b>	IP Configuration
VLAN Database	IPv4 Address 100.10.10.1
<b>INTERFACE</b>	Subnet Mask 255.0.0.0
FastEthernet0/0	
FastEthernet0/1	
	Tx Ring Limit 10

Настроил роутер 1:

<b>SWITCHING</b>	IP Configuration
VLAN Database	IPv4 Address 100.10.10.2
<b>INTERFACE</b>	Subnet Mask 255.0.0.0
FastEthernet0/0	
FastEthernet0/1	
	Tx Ring Limit 10

Сконфигурировал сеть:

```
Router(config-if)#exit
Router(config)#ip route 0.0.0.0 0.0.0.0 100.10.10.2
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)#ip nat inside source static 192.168.0.1 100.10.11.1
Router(config)#ip nat inside source static 192.168.0.1 100.10.11.2
```

Использовал команду ping:

```

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

```

Show ip nat translations:

```

Router#show ip nat tr
Router#show ip nat translations

```

Pro	Inside global	Inside local	Outside local	Outside global
---	100.10.11.1	192.168.0.1	---	---
---	100.10.11.2	192.168.0.1	---	---