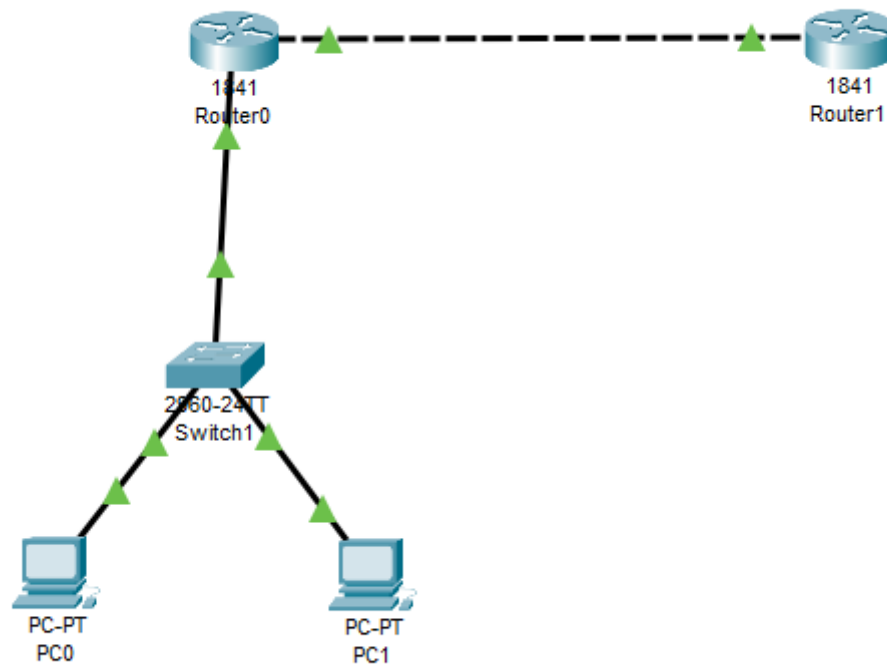


## Практическая работа 22 – Статистический NAT

### 1. Построил сеть



### 2. Настройка первого и второго роутера

GLOBAL	FastEthernet0/0
Settings	Port Status <input checked="" type="checkbox"/> On
Algorithm Settings	Bandwidth <input checked="" type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
<b>ROUTING</b>	Duplex <input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
Static	MAC Address 0001.4263.6801
RIP	IP Configuration
<b>SWITCHING</b>	IPv4 Address 192.168.0.100
VLAN Database	Subnet Mask 255.255.255.0
<b>INTERFACE</b>	Tx Ring Limit 10
FastEthernet0/0	
FastEthernet0/1	

IP Configuration
IPv4 Address 100.10.10.1
Subnet Mask 255.0.0.0
Tx Ring Limit 10

SWITCHING
VLAN Database
<b>INTERFACE</b>
FastEthernet0/0
FastEthernet0/1

IP Configuration
IPv4 Address 100.10.10.2
Subnet Mask 255.0.0.0
Tx Ring Limit 10

### 3. Настройка роутера0

```
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)#ex
Router(config-if)#exit
Router(config)#in na
Router(config)#in nat inside source static 192.168.0.1 100.10.11.1
^
% Invalid input detected at '^' marker.

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
Router(config)#
```

### 4. Ping до роутера1

```
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
```

### 5. show ip nat translations

```
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       ---               ---
```