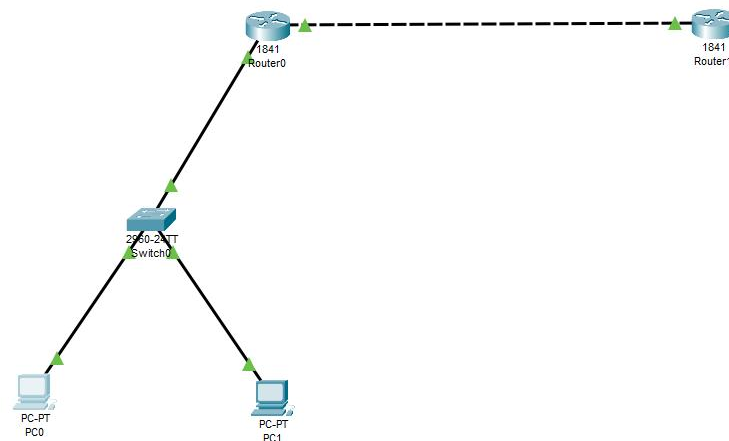


Практическая работа 23 -Динамический NAT

Построил сеть:



ПК0:

<input type="radio"/> DHCP	<input checked="" type="radio"/> Static
IPv4 Address	192.168.0.1
Subnet Mask	255.255.255.0

ПК1:

<input type="radio"/> DHCP	<input checked="" type="radio"/> Static
IPv4 Address	192.168.0.2
Subnet Mask	255.255.255.0

Роутер 0:

SWITCHING	IP Configuration	
VLAN Database	IPv4 Address	192.168.0.100
INTERFACE	Subnet Mask	255.255.255.0
FastEthernet0/0		

SWITCHING	IP Configuration	
VLAN Database	IPv4 Address	100.10.10.1
INTERFACE	Subnet Mask	255.0.0.0
FastEthernet0/0		
FastEthernet0/1		

Tx Ring Limit	10
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Роутер 1:

SWITCHING	IP Configuration	
VLAN Database	IPv4 Address	100.10.10.2
INTERFACE	Subnet Mask	255.0.0.0
FastEthernet0/0		
FastEthernet0/1		

Tx Ring Limit	10
---------------	----

Конфигурация:

```

Router(config-if)#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 poolwhite-address
^
% Invalid input detected at '^' marker.

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

```

Использовал ping:

```

C:\>ping 100.10.10.2

Pinging 100.10.10.2 with 32 bytes of data:

Reply from 100.10.10.2: bytes=32 time<1ms TTL=254
Reply from 100.10.10.2: bytes=32 time=4ms 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 = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 4ms, Average = 1ms

```

```

Router#show ip nat translations

```

Pro	Inside global	Inside local	Outside local	Outside global
icmp	100.10.11.77:1	192.168.0.1:1	100.10.10.2:1	100.10.10.2:1
icmp	100.10.11.77:2	192.168.0.1:2	100.10.10.2:2	100.10.10.2:2
icmp	100.10.11.77:3	192.168.0.1:3	100.10.10.2:3	100.10.10.2:3
icmp	100.10.11.77:4	192.168.0.1:4	100.10.10.2:4	100.10.10.2:4
icmp	100.10.11.77:5	192.168.0.1:5	100.10.10.2:5	100.10.10.2:5
icmp	100.10.11.77:6	192.168.0.1:6	100.10.10.2:6	100.10.10.2:6