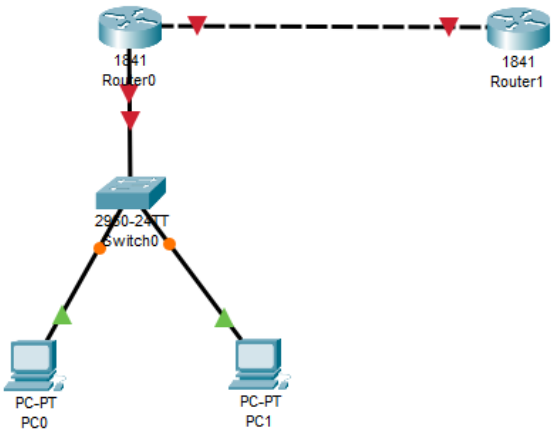
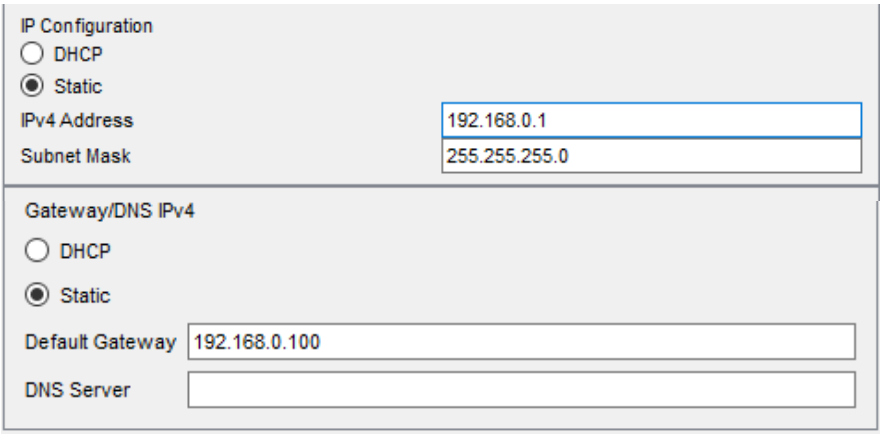
Выполнила: Федотова Дарина

Практическая работа 22 – Статистический NAT

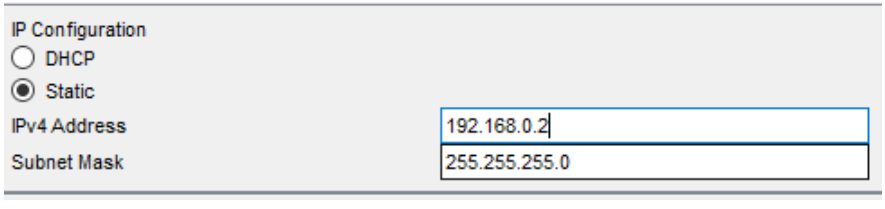
1. Строю сеть

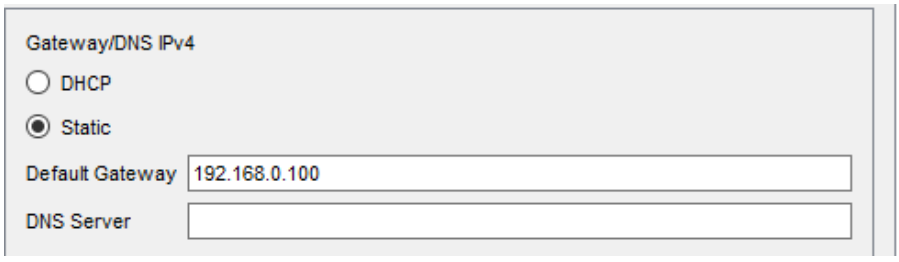


2. Настраиваю ПК0

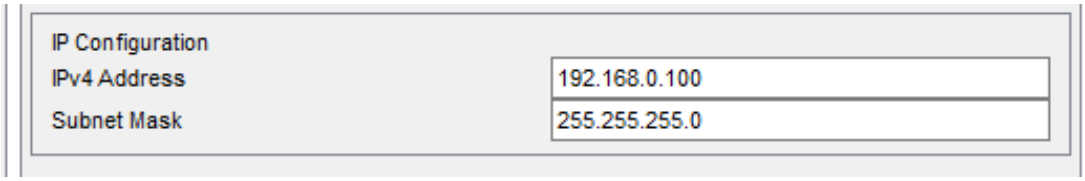


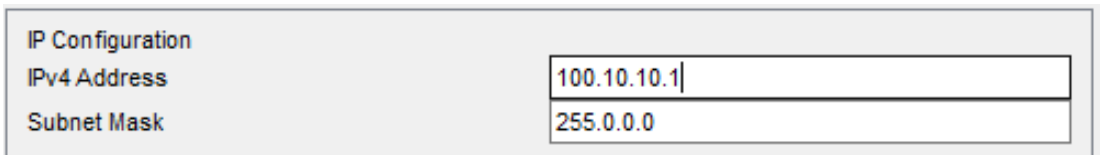
3. Аналогично ПК1



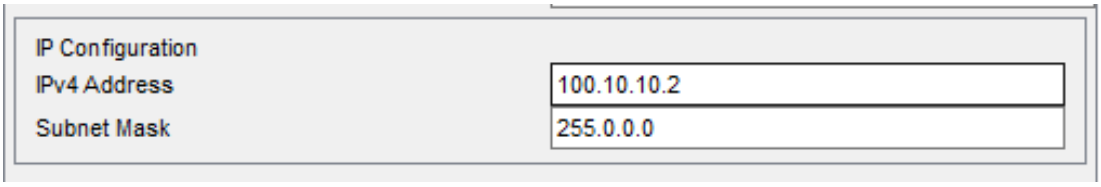


3. Настраиваю Роутер0: fa0/0; fa0/1





4. И также Настраиваю Роутер1: fa0/0



5. Прописываю команды в терминале роутера0

```
Router(config-if)#ex
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)#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)#
```

6. Пингую

```
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:\>
```

7. Прописываю комунду show ip nat translations в терминале

```
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#show ip nat tran
Pro  Inside global     Inside local       Outside local      Outside global
icmp 100.10.11.2:5     192.168.0.1:5      100.10.10.2:5      100.10.10.2:5
icmp 100.10.11.2:6     192.168.0.1:6      100.10.10.2:6      100.10.10.2:6
icmp 100.10.11.2:7     192.168.0.1:7      100.10.10.2:7      100.10.10.2:7
icmp 100.10.11.2:8     192.168.0.1:8      100.10.10.2:8      100.10.10.2:8
---  100.10.11.1       192.168.0.1        ---                ---
---  100.10.11.2       192.168.0.1        ---                ---

Router#
```