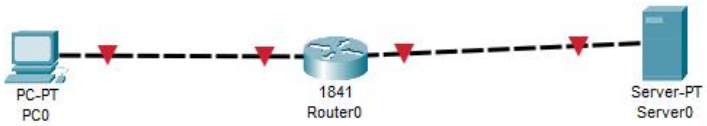
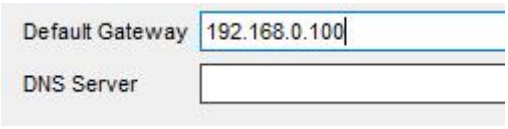
Практическая работа 21 – Технология NAT

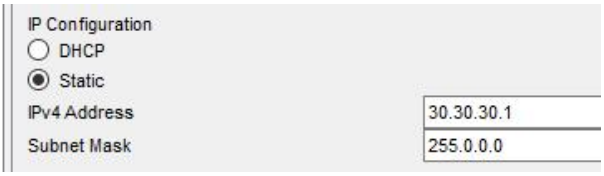
Построил сеть:

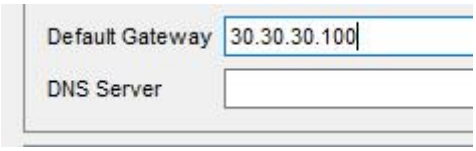


Прописал шлюз:

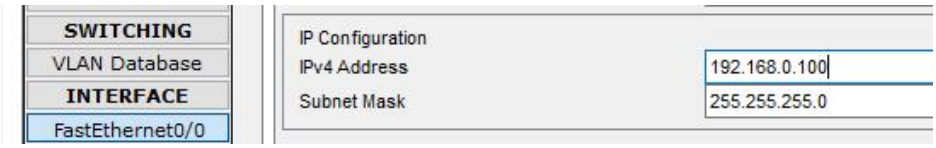


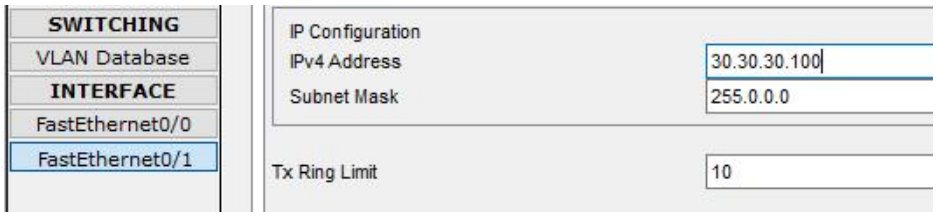
Настроил адрес сервера и шлюз:





Перешёл к настройке роутера:






```
Router(config)#access-list 1 permit any
Router(config)#ip nat inside source list 1 interface fa0/1 overload
Router(config)#int fa0/0
Router(config-if)#ip nat inside
Router(config-if)#exit
Router(config)#int fa0/1
Router(config-if)#ip nat outside
Router(config-if)#
```

Пинганул сервер:

```
C:\>ping 30.30.30.1

Pinging 30.30.30.1 with 32 bytes of data:

Request timed out.
Reply from 30.30.30.1: bytes=32 time<1ms TTL=127
Reply from 30.30.30.1: bytes=32 time<1ms TTL=127
Reply from 30.30.30.1: bytes=32 time<1ms TTL=127

Ping statistics for 30.30.30.1:
    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(config-if)#exit
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 30.30.30.100:6    192.168.0.1:6      30.30.30.1:6       30.30.30.1:6
icmp 30.30.30.100:7    192.168.0.1:7      30.30.30.1:7       30.30.30.1:7
icmp 30.30.30.100:8    192.168.0.1:8      30.30.30.1:8       30.30.30.1:8

Router#
```