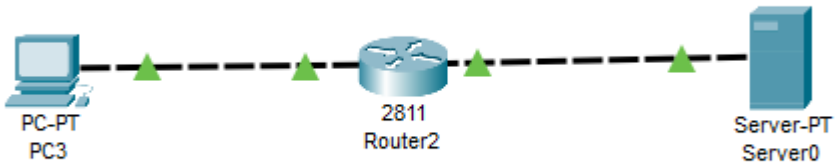
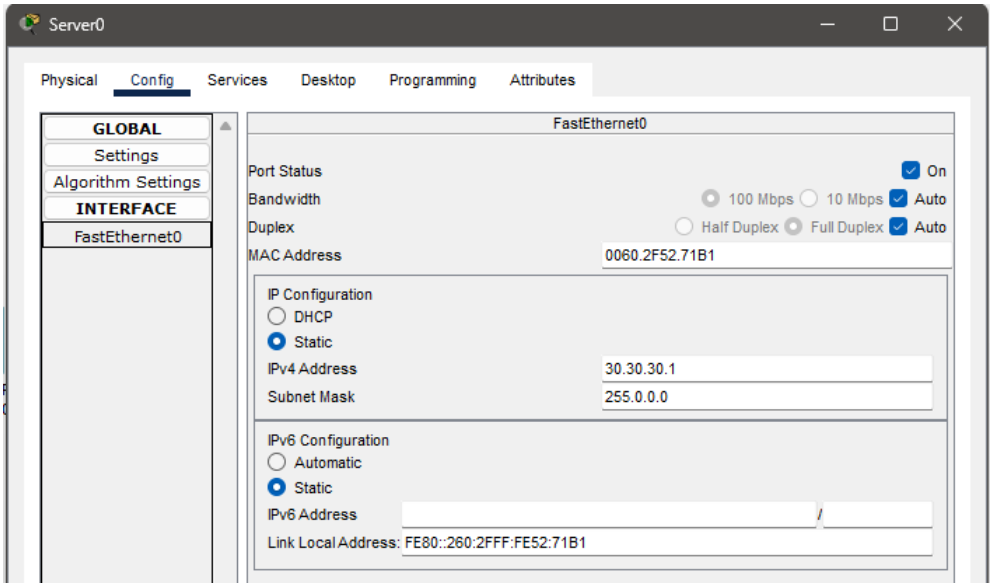
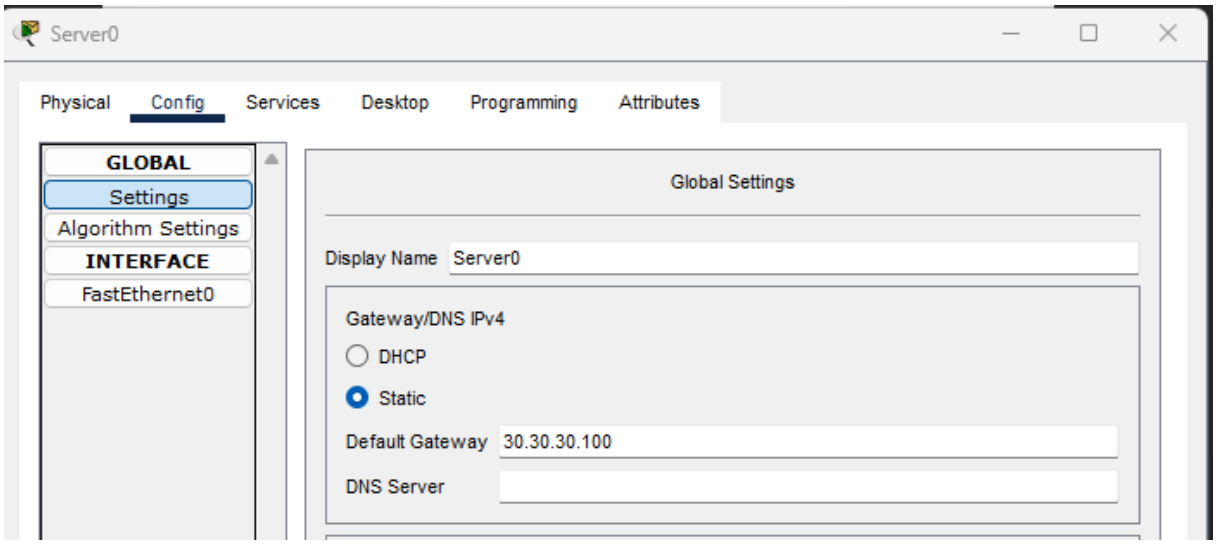
Практическая работа 21 – Технология NAT

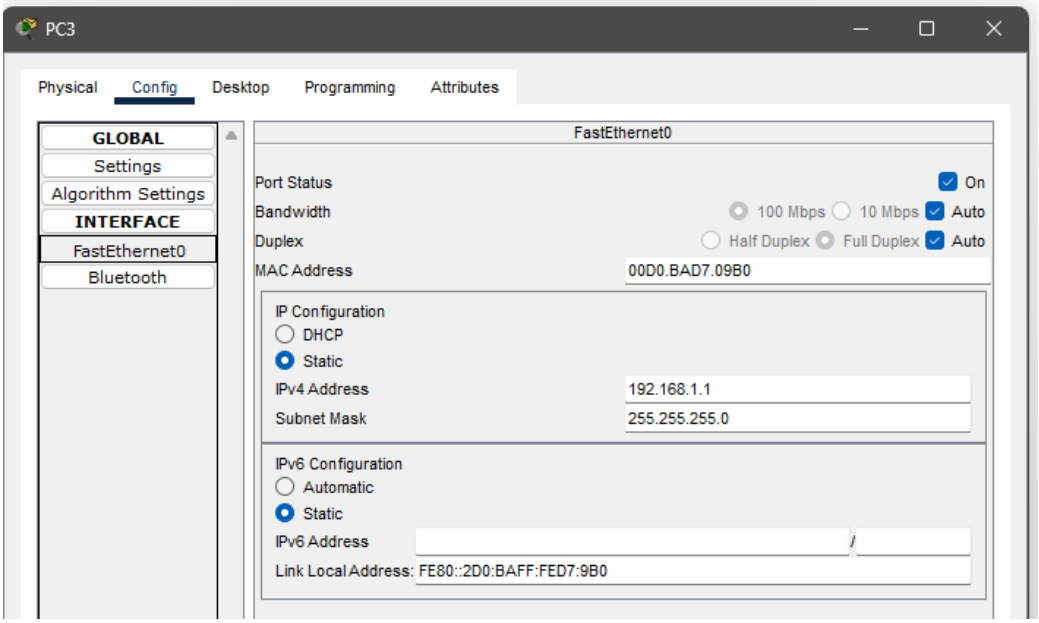
1. Создаем сеть.

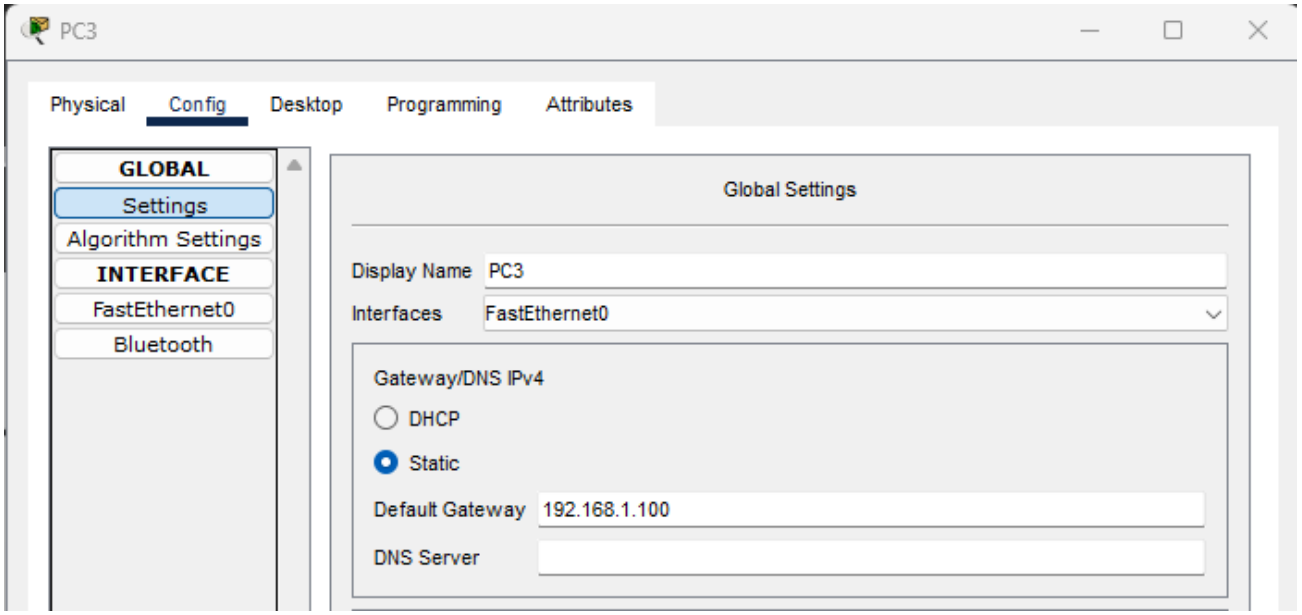


2. Настраиваем IP-адреса и шлюзы.





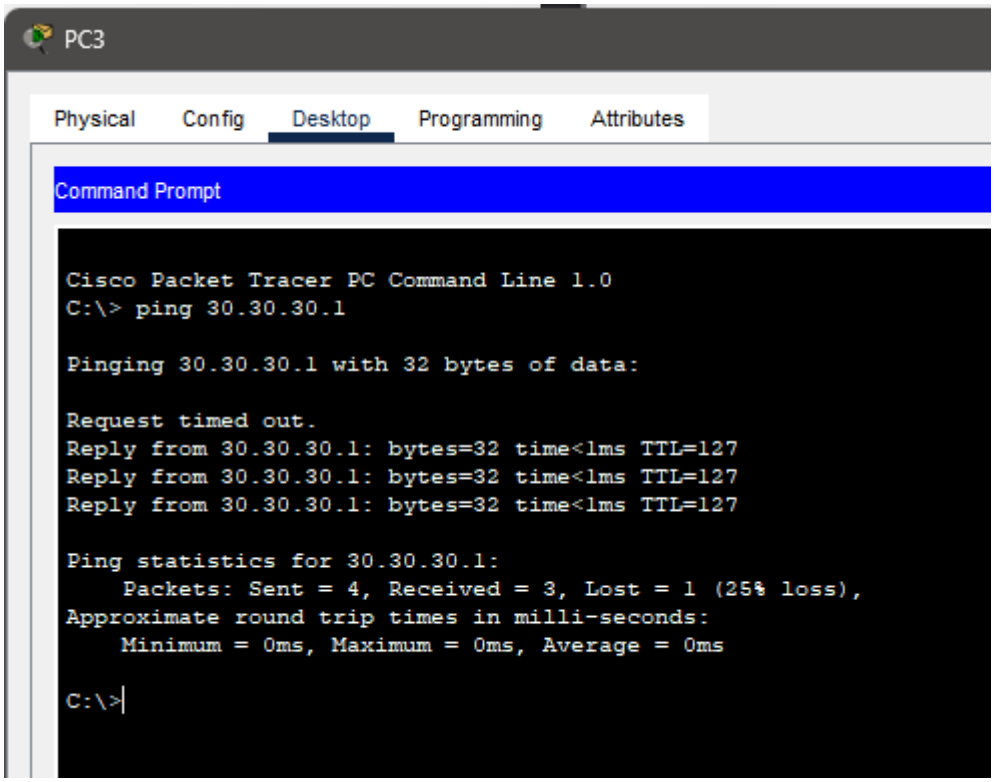




3. Настраиваем NAT в роутере.

```
Router>en
Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
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 inside
Router(config-if)#ip nat outside
Router(config-if)#exit
Router(config)#
```

4. Проверяем соединение.



5. Команда show ip nat translations

```
Pro  Inside global     Inside local       Outside local      Outside global
icmp 30.30.30.100:5    192.168.1.1:5      30.30.30.1:5       30.30.30.1:5
icmp 30.30.30.100:6    192.168.1.1:6      30.30.30.1:6       30.30.30.1:6
icmp 30.30.30.100:7    192.168.1.1:7      30.30.30.1:7       30.30.30.1:7
icmp 30.30.30.100:8    192.168.1.1:8      30.30.30.1:8       30.30.30.1:8
```