Практическая работа номер 21

1. Создаем сеть

2. Настраиваем пк, сервер и роутер(через консоль)

```
Router>en
Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#acess-list 1 permit any
                ^
% Invalid input detected at '^' marker.

Router(config)#acess-list 1 permit any
                ^
% Invalid input detected at '^' marker.

Router(config)#^Z
Router#
%SYS-5-CONFIG_I: Configured from console by console
conf t^Z
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)#fa0/0
                ^
% Invalid input detected at '^' marker.

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)#
```

3. пингуем

```
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
```

4. Прописываем команду в консоли роутера

```
Router#Show ip nat translations
Pro  Inside global     Inside local       Outside local      Outside global
icmp 30.30.30.100:13   192.168.0.1:13     30.30.30.1:13      30.30.30.1:13
icmp 30.30.30.100:14   192.168.0.1:14     30.30.30.1:14      30.30.30.1:14
icmp 30.30.30.100:15   192.168.0.1:15     30.30.30.1:15      30.30.30.1:15
icmp 30.30.30.100:16   192.168.0.1:16     30.30.30.1:16      30.30.30.1:16
```

вывод