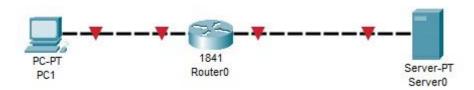
Практическая работа номер 21

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<lms TTL=127

Reply from 30.30.30.1: bytes=32 time<lms TTL=127

Reply from 30.30.30.1: bytes=32 time<lms 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

Rout	er#Show ip nat tr	anslations		
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