

Практическая работа №21

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Router0

Physical **Config** CLI Attributes

GLOBAL

- Settings
- Algorithm Settings

ROUTING

- Static
- RIP

SWITCHING

- VLAN Database

INTERFACE

- FastEthernet0/0
- FastEthernet0/1

FastEthernet0/0

Port Status ☐ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☒ Half Duplex ☐ Full Duplex ☒ Auto

MAC Address 0090.0C9C.7E01

IP Configuration

IPv4 Address 192.168.0.100

Subnet Mask 255.255.255.0

Tx Ring Limit 10

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MAC Address 0090.0C9C.7E02

IP Configuration

IPv4 Address 30.30.30.100

Subnet Mask 255.0.0.0

Tx Ring Limit 10

IOS Command Line Interface

```
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 192.168.0.100 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#exit
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#show ip nat translations
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#access-list 1 permit
% Incomplete command.
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)#exit
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#show ip nat translations
Router#show ip nat translations
Pro  Inside global      Inside local      Outside local      Outside global
icmp 30.30.30.100:25      192.168.0.1:25    30.30.30.1:25     30.30.30.1:25
icmp 30.30.30.100:26    192.168.0.1:26    30.30.30.1:26     30.30.30.1:26
icmp 30.30.30.100:27    192.168.0.1:27    30.30.30.1:27     30.30.30.1:27
icmp 30.30.30.100:28    192.168.0.1:28    30.30.30.1:28     30.30.30.1:28
Router#
```

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