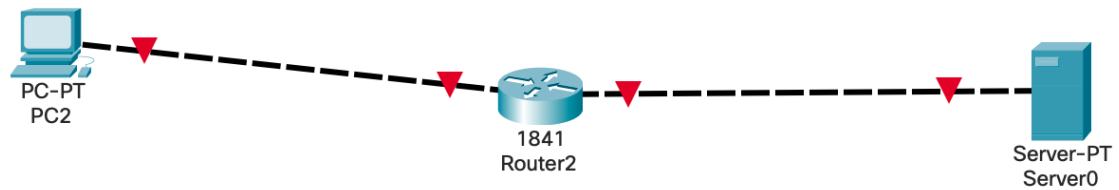


Cisco №21



PC2

Physical **Config** Desktop Programming Attributes

GLOBAL

- Settings
- Algorithm Settings

INTERFACE

- FastEthernet0
- Bluetooth

Global Settings

Display Name: PC2

Interfaces: FastEthernet0

Gateway/DNS IPv4

☐ DHCP

☒ Static

Default Gateway: 192.168.0.100

DNS Server:

PC2

Physical **Config** Desktop Programming Attributes

GLOBAL

- Settings
- Algorithm Settings

INTERFACE

- FastEthernet0
- Bluetooth

FastEthernet0

Port Status: ☒ On

Bandwidth: ☐ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex: ☐ Half Duplex ☐ Full Duplex ☒ Auto

MAC Address: 0002.1681.2BBE

IP Configuration

☐ DHCP

☒ Static

IPv4 Address: 192.168.0.1

Subnet Mask: 255.255.255.0

Server0

Physical **Config** Services Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

FastEthernet0

Port Status ☒ On

Bandwidth ☐ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☐ Full Duplex ☒ Auto

MAC Address 0030.F2E2.AB9C

IP Configuration

☐ DHCP

☒ Static

IPv4 Address 30.30.30.1

Subnet Mask 255.0.0.0

Router2

Physical **Config** CLI Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/0

Port Status ☐ On

Bandwidth ☐ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☐ Full Duplex ☒ Auto

MAC Address 0001.96AC.D701

IP Configuration

IPv4 Address 192.168.0.100

Subnet Mask 255.255.255.0

```
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
```

Packet Tracer PC Command Line 1.0

C:\>ping 30.30.30.100

Pinging 30.30.30.100 with 32 bytes of data:

Reply from 30.30.30.100: bytes=32 time<1ms TTL=255

Reply from 30.30.30.100: bytes=32 time<1ms TTL=255

Reply from 30.30.30.100: bytes=32 time<1ms TTL=255

Reply from 30.30.30.100: bytes=32 time<1ms TTL=255

Ping statistics for 30.30.30.100:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>

Router>show ip nat translations

Router>