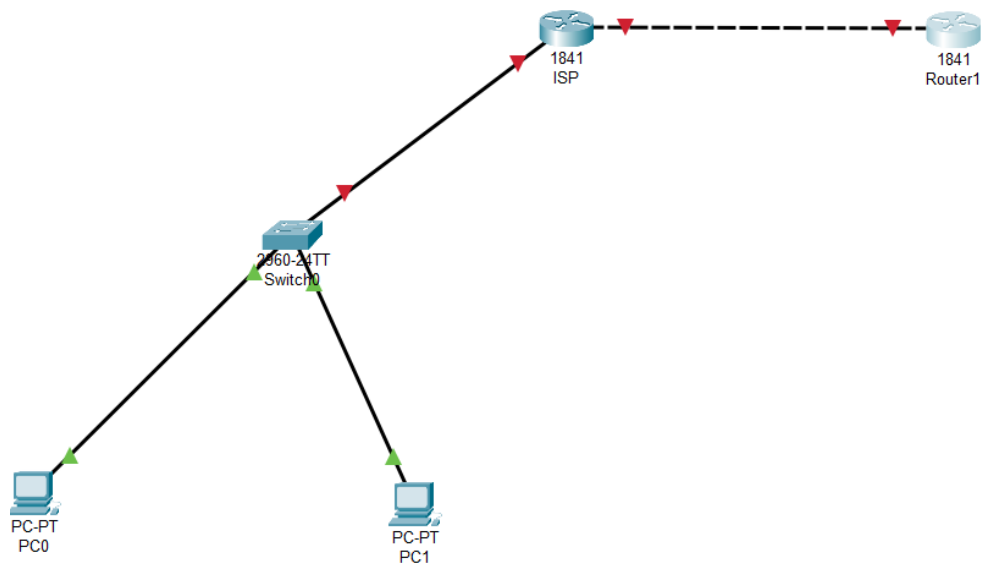


Лабораторная № 23  
Молчанов Сергей



Step 1: Configure the PC

Interfaces: FastEthernet0

Gateway/DNS IPv4

☐ DHCP

☒ Static

Default Gateway: 192.168.0.100

DNS Server:

Gateway/DNS IPv6

☐ Automatic

☒ Static

Default Gateway:

DNS Server:

MAC Address: 000D.BC06.EA22

IP Configuration

☐ DHCP

☒ Static

IPv4 Address: 192.168.0.2

Subnet Mask: 255.255.255.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address:

Link Local Address: FE80::20B:BEFF:FE06:EA22

Physical **Config** CLI Attributes

FastEthernet0/0	
Port Status	<input type="checkbox"/> On
Bandwidth	<input checked="" type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
Duplex	<input checked="" type="radio"/> Half Duplex <input type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
MAC Address	0002.1756.7D01
IP Configuration	
IPv4 Address	192.168.0.100
Subnet Mask	255.255.255.0
Tx Ring Limit	10

Physical **Config** CLI Attributes

FastEthernet0/0	
Port Status	<input type="checkbox"/> On
Bandwidth	<input checked="" type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
Duplex	<input checked="" type="radio"/> Half Duplex <input type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
MAC Address	00D0.BC45.D701
IP Configuration	
IPv4 Address	100.10.10.2
Subnet Mask	255.0.0.0
Tx Ring Limit	10

```

Router(config-if)#exit
Router(config)#access-list 1 permit 192.168.0.0 0.0.0.255
Router(config)#ip nat pool white-address 100.10.11.77 100.10.11.99 netmask 255.255.255.0
Router(config)#ip nat inside source list 1 pool white-address
Router(config)#int fa0/0
Router(config-if)#ip nat inside
Router(config-if)#int fa0/1
Router(config-if)#ip nat outside
Router(config-if)#exit
Router(config)#

```

Copy

Paste

```

Router#show ip nat translations
Pro Inside global      Inside local      Outside local      Outside global
icmp 100.10.11.77:1    192.168.0.1:1    100.10.10.2:1    100.10.10.2:1
icmp 100.10.11.77:2    192.168.0.1:2    100.10.10.2:2    100.10.10.2:2
icmp 100.10.11.77:3    192.168.0.1:3    100.10.10.2:3    100.10.10.2:3
icmp 100.10.11.77:4    192.168.0.1:4    100.10.10.2:4    100.10.10.2:4
icmp 100.10.11.78:1    192.168.0.2:1    100.10.10.2:1    100.10.10.2:1
icmp 100.10.11.78:2    192.168.0.2:2    100.10.10.2:2    100.10.10.2:2
icmp 100.10.11.78:3    192.168.0.2:3    100.10.10.2:3    100.10.10.2:3
icmp 100.10.11.78:4    192.168.0.2:4    100.10.10.2:4    100.10.10.2:4

```