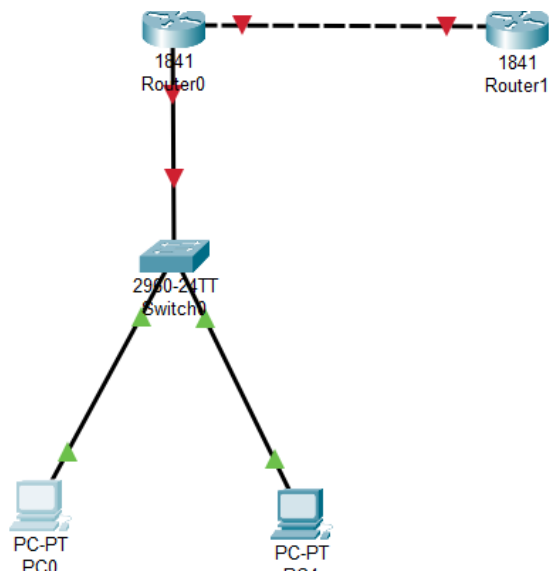


Практическая №22

Строим схему.



PC0.

Physical **Config** Desktop Programming Attributes

GLOBAL	FastEthernet0
Settings	Port Status <input checked="" type="checkbox"/> On
Algorithm Settings	Bandwidth <input type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
INTERFACE	Duplex <input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
FastEthernet0	MAC Address 0000.0C44.C7D4
Bluetooth	IP Configuration
	<input type="radio"/> DHCP
	<input checked="" type="radio"/> Static
	IPv4 Address 192.168.0.1
	Subnet Mask 255.255.255.0
	IPv6 Configuration
	<input type="radio"/> Automatic

PC1.

IP Configuration	
<input type="radio"/> DHCP	
<input checked="" type="radio"/> Static	
IPv4 Address	192.168.0.2
Subnet Mask	255.255.255.0
IPv6 Configuration	
<input type="radio"/> Automatic	
<input checked="" type="radio"/> Static	

Переходим к настройке Роутера0.

MAC Address	00D0.BC9A.8201
IP Configuration	
IPv4 Address	192.168.0.100
Subnet Mask	255.255.255.0
Tx Ring Limit	
	10

Duplex ☐ Half Duplex ☐ Full Duplex ☒ Auto

MAC Address	00D0.BC9A.8202
IP Configuration	
IPv4 Address	100.10.10.1
Subnet Mask	255.0.0.0
Tx Ring Limit	
	10

Переходим к настройке Роутера1.

MAC Address	0060.4724.6701
IP Configuration	
IPv4 Address	100.10.10.2
Subnet Mask	255.0.0.0
Tx Ring Limit	
	10

Пишем следующие команды:

```
Router>enable
Router#
Router#configure terminal
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)#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)#ip address 100.10.10.1 255.0.0.0
Router(config-if)#ip address 100.10.10.1 255.0.0.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#
Router(config-if)#exit
Router(config)#ip route 0.0.0.0 0.0.0.0 100.10.10.2
Router(config)#int fa0/0
Router(config-if)#ip nat inside
Router(config-if)#int fa0/1
Router(config-if)#ip nat inside
Router(config-if)#exit
Router(config)#ip nat inside source static 192.168.0.1 100.10.11.1
^
% Invalid input detected at '^' marker.

Router(config)#ip nat inside source static 192.168.0.1 100.10.11.1
Router(config)#ip nat inside source static 192.168.0.1 100.10.11.2
```

Ping.

```
Pinging 100.10.10.2 with 32 bytes of data:
```

```
Reply from 192.168.0.100: Destination host unreachable.
```

```
Reply from 192.168.0.100: Destination host unreachable.
```

```
Reply from 192.168.0.100: Destination host unreachable.
```

```
Reply from 192.168.0.100: Destination host unreachable.
```