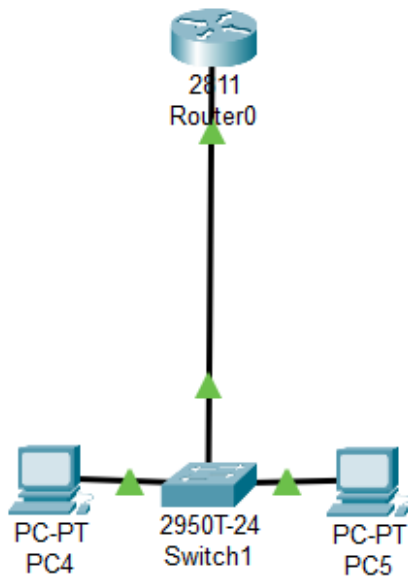


Практическая работа 10 – Настройка DHCP на маршрутизаторе

1. Строю сеть



2. Настраиваю роутер

FastEthernet0/0	
Port Status	<input checked="" type="checkbox"/> On
Bandwidth	<input checked="" type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
Duplex	<input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
MAC Address	0004.9A42.4201
IP Configuration	
IPv4 Address	192.168.0.3
Subnet Mask	255.255.255.0
Tx Ring Limit	10

3. Настраиваю DHCP

```
Router(config)#ip dhcp pool patapim
Router(dhcp-config)#default
Router(dhcp-config)#default
Router(dhcp-config)#default-router 192.168.0.3
Router(dhcp-config)#dns
% Incomplete command.
Router(dhcp-config)#dns
Router(dhcp-config)#dns-server 7.7.7.7
Router(dhcp-config)#exit
```

4. Захожу в конфигурацию устройства во вкладке IP Configuration и выбираю DHCP

IP Configuration	
<input checked="" type="radio"/> DHCP	
<input type="radio"/> Static	
IPv4 Address	192.168.0.2
Subnet Mask	255.255.0.0

5. Пропинговываю

```
C:\>ping 192.168.0.3

Pinging 192.168.0.3 with 32 bytes of data:

Reply from 192.168.0.3: bytes=32 time<1ms TTL=128
Reply from 192.168.0.3: bytes=32 time<1ms TTL=128
Reply from 192.168.0.3: bytes=32 time<1ms TTL=128
Reply from 192.168.0.3: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.0.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
```