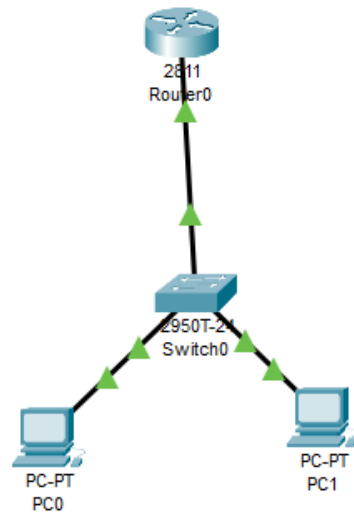


Практическая работа 10 – Настройка DHCP на маршрутизаторе

1. Создаю сеть



2. Включаю и настраиваю роутер

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	000C.CFAC.3501
IP Configuration	
IPv4 Address	192.168.0.1
Subnet Mask	255.255.255.0
Tx Ring Limit	
	10

3. Настраиваю DHCP

```
Router(config)#ip dhcp pool jopa
Router(dhcp-config)#default-router 192.168.0.1
Router(dhcp-config)#dns-server 7.7.7.7
Router(dhcp-config)#network 192.168.0.0 255.255.255.0
Router(dhcp-config)#exit
Router(config)#ip dhcp excluded-address 192.169.0.1
```

4. Заходим в конфигурацию устройства во вкладке IP Configuration выбираем DHCP

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

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
```