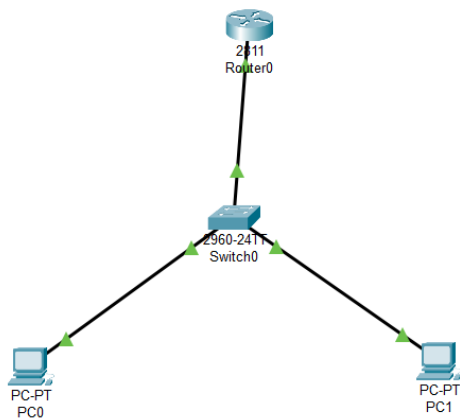


Практическая №10

Строим простейшую сетевую топологию.



Зададим Ip – Адрес в данном интерфейса порта.

Physical Config CLI Attributes

GLOBAL

- Settings
- Algorithm Settings
- ROUTING**
- Static
- RIP
- SWITCHING**
- VLAN Database
- INTERFACE**
- FastEthernet0/0
- FastEthernet0/1

FastEthernet0/0

Port Status: ☒ On

Bandwidth: ☐ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex: ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address: 00E0.F9CC.BC01

IP Configuration

IPv4 Address: 192.168.0.1

Subnet Mask: 255.255.255.0

Tx Ring Limit: 10

Настраиваем DHCP.

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

Проверяем.

Gateway/DNS IPv4

☒ DHCP

☐ Static

Default Gateway: 192.168.0.1

DNS Server: 7.7.7.7

Проверяем с помощью ping.

```
Cisco Packet Tracer PC Command Line 1.0
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=6ms 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 = 6ms, Average = 1ms
```