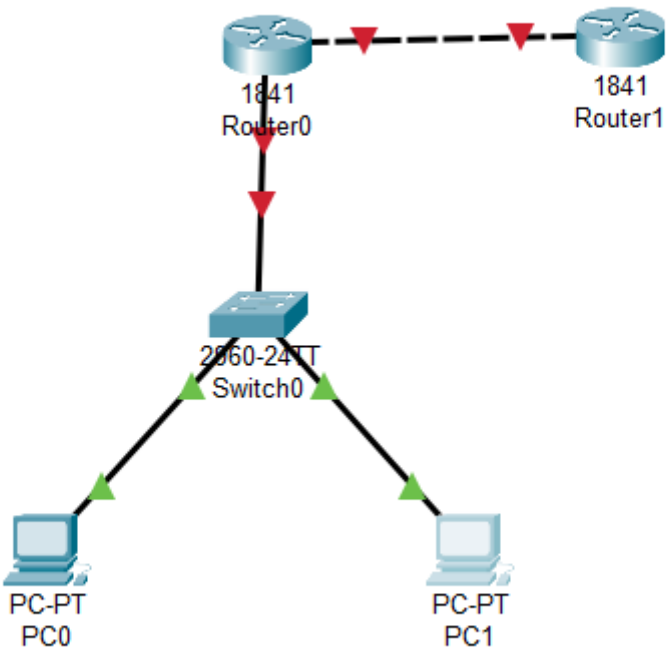
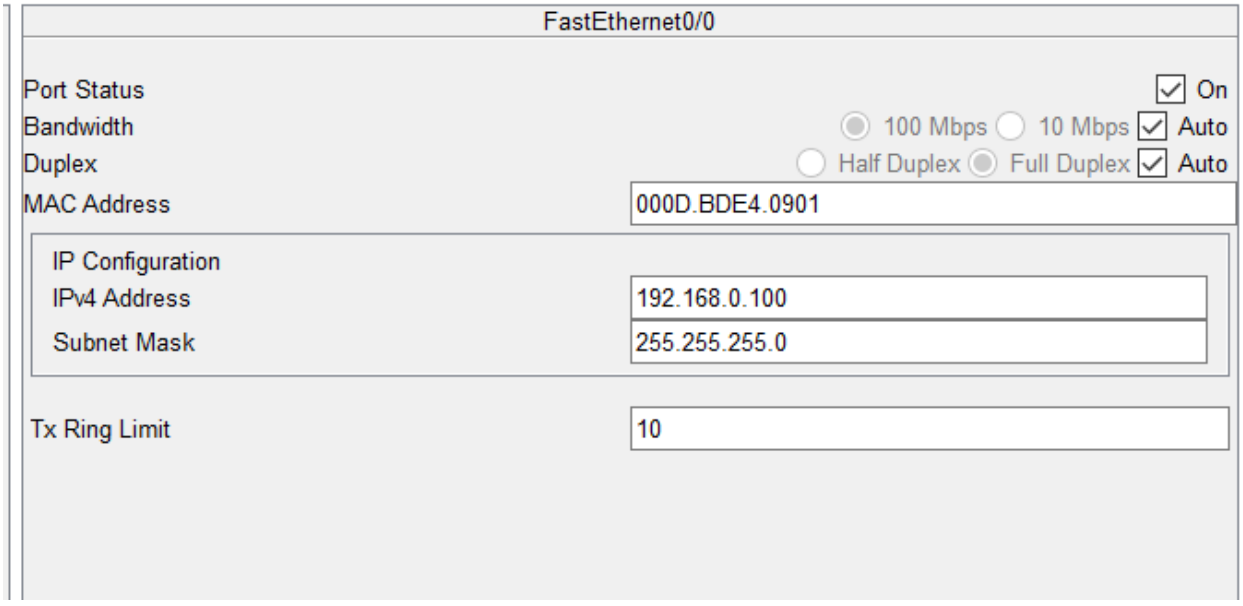
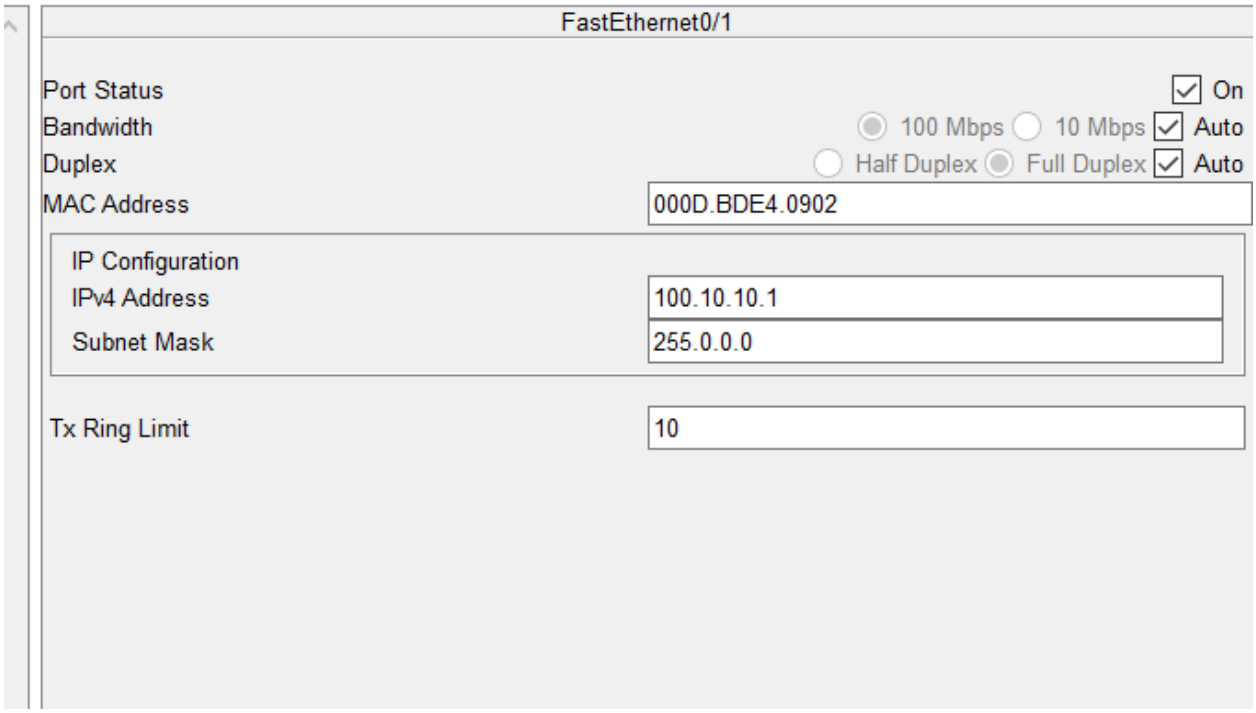
1.Создал сеть

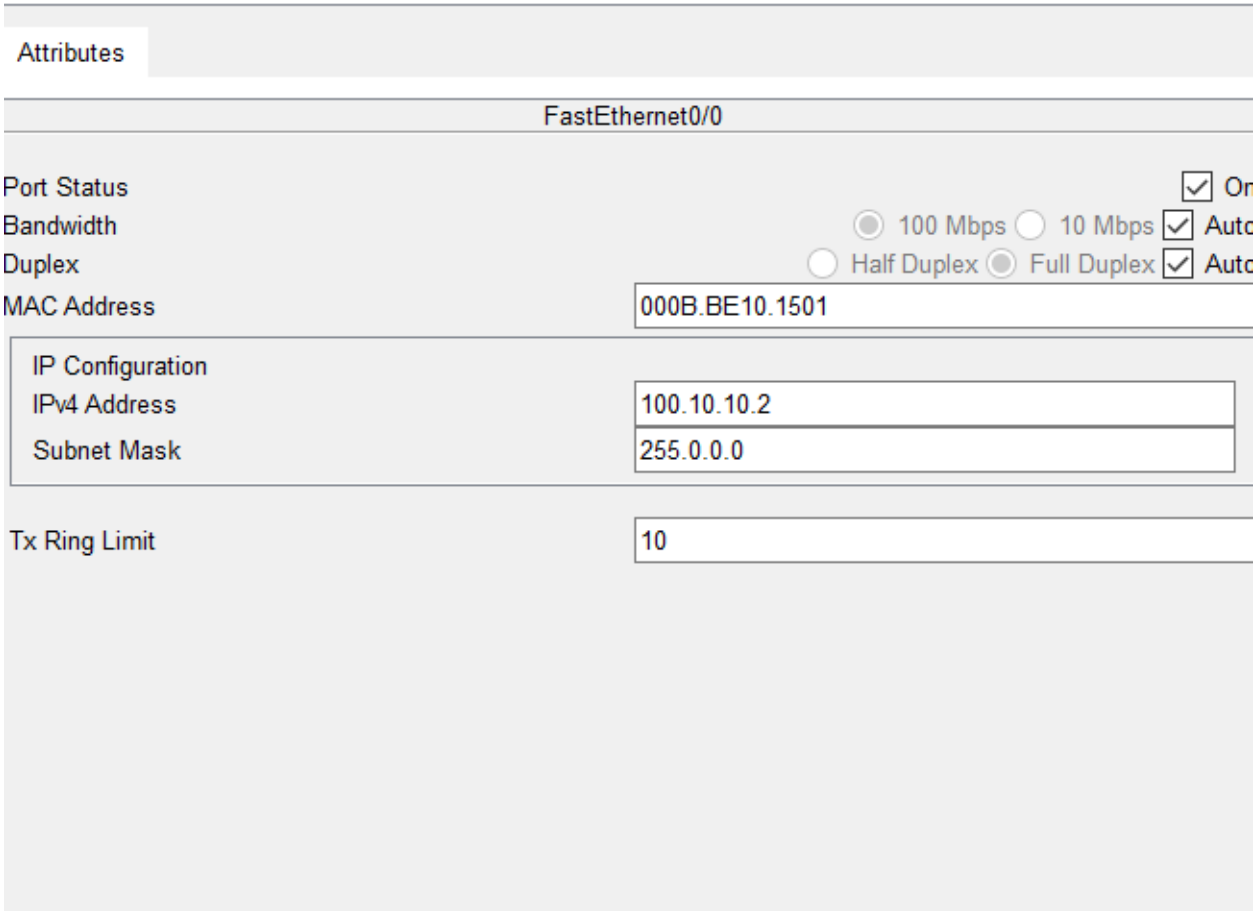


2.Роутер




FastEthernet0/1
Port Status
On
Bandwidth
100 Mbps
10 Mbps
Auto
Duplex
Half Duplex
Full Duplex
Auto
MAC Address
000D.BDE4.0902
IP Configuration
IPv4 Address
100.10.10.1
Subnet Mask
255.0.0.0
Tx Ring Limit
10

3.Роутер 1


Attributes
FastEthernet0/0
Port Status
Bandwidth
100 Mbps
10 Mbps
Duplex
Half Duplex
Full Duplex
MAC Address
000B.BE10.1501
IP Configuration
IPv4 Address
100.10.10.2
Subnet Mask
255.0.0.0
Tx Ring Limit
10

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface FastEthernet0/0
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)#
Router(config-if)#exit
Router(config)#access-list 1 permit 192.168.0.0 0.0.0.255
Router(config)#ip nat inside source list 1 int fa0/1 overload
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)#
Router(config-if)#
Router(config-if)#
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#
Router(config-if)#end
Router#
%SYS-5-CONFIG_I: Configured from console by console
```

Ping

```
C:\>ping 100.10.10.2

Pinging 100.10.10.2 with 32 bytes of data:

Request timed out.
Reply from 100.10.10.2: bytes=32 time<1ms TTL=254
Reply from 100.10.10.2: bytes=32 time<1ms TTL=254
Reply from 100.10.10.2: bytes=32 time<1ms TTL=254

Ping statistics for 100.10.10.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

```
Router#sh ip nat tr
Router#sh ip nat translations
Pro  Inside global     Inside local       Outside local      Outside global
icmp 100.10.10.1:1     192.168.0.2:1      100.10.10.2:1      100.10.10.2:1
icmp 100.10.10.1:2     192.168.0.2:2      100.10.10.2:2      100.10.10.2:2
icmp 100.10.10.1:3     192.168.0.2:3      100.10.10.2:3      100.10.10.2:3
icmp 100.10.10.1:4     192.168.0.2:4      100.10.10.2:4      100.10.10.2:4

Router#
```