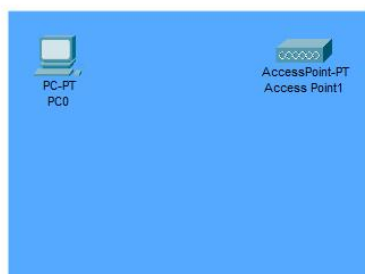
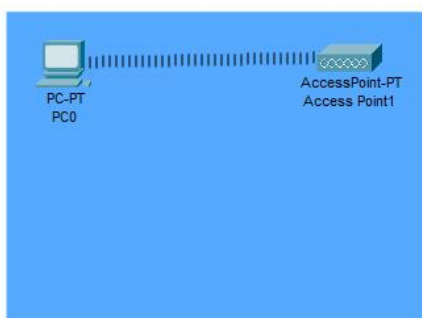


Практическая работа 20 – Сеть Wi-Fi на предприятии, защита WEP и WPA

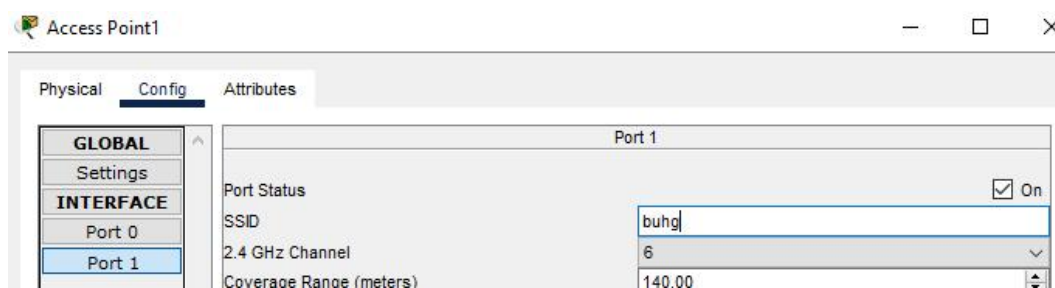
Построил сеть:



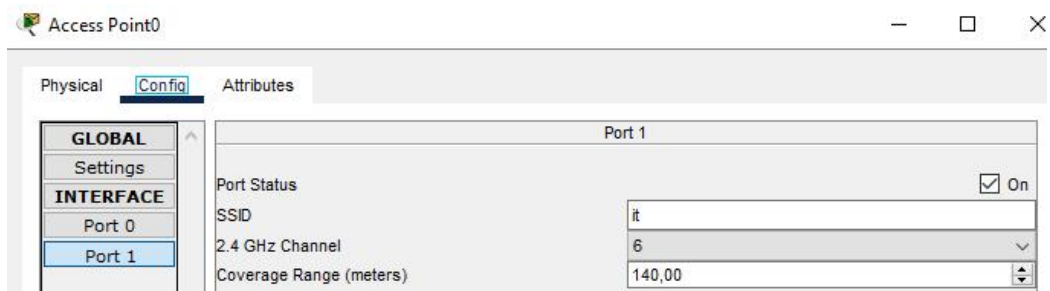
В ПК0 и ПК1 установил беспроводные модули:



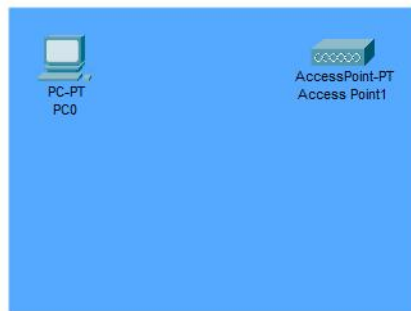
Установил имя «buhg» для SSID порта 1 в AccessPoint1:



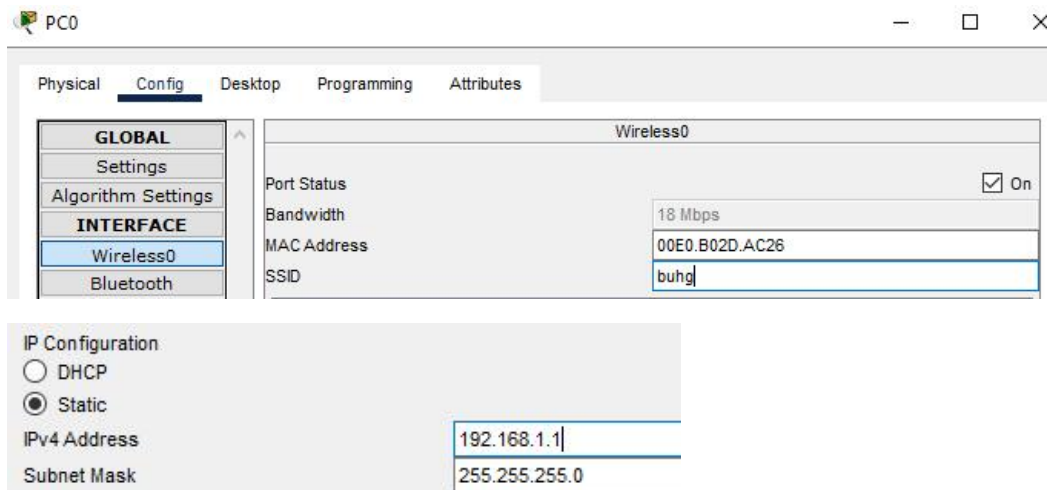
В AccessPoint0 имя SSID «it»:



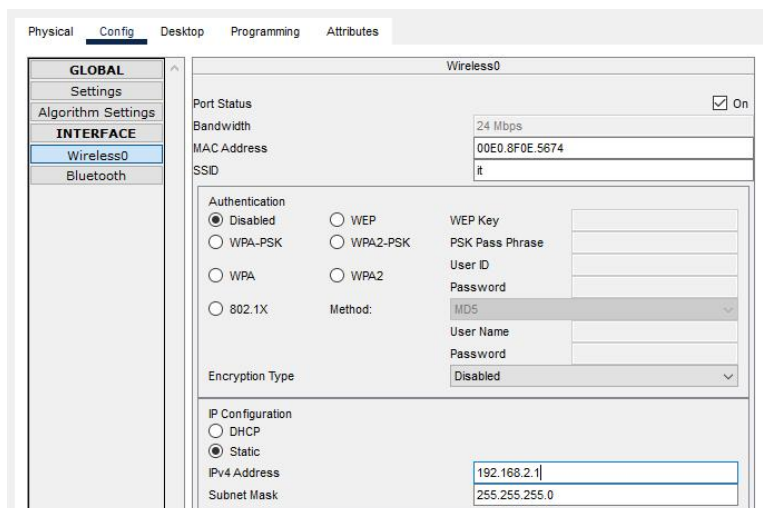
Соединение пропало:



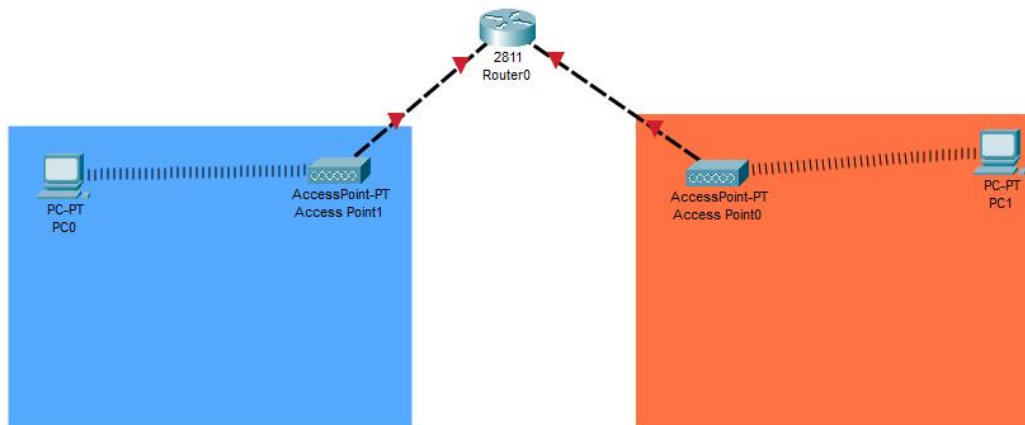
Перешёл к настройке ПК0:



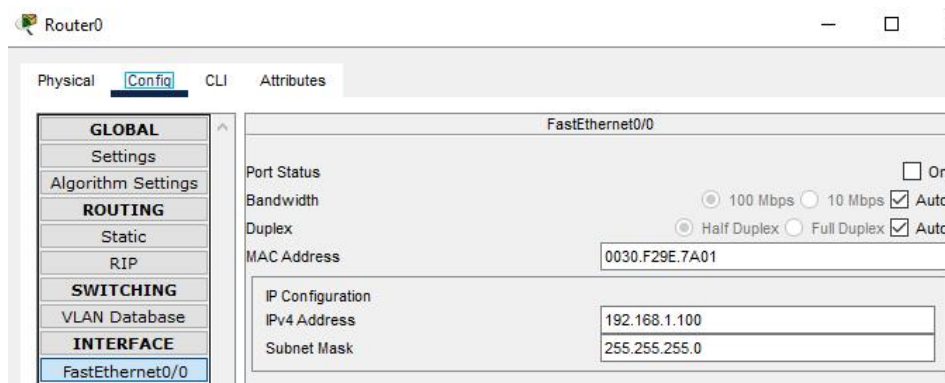
Также натсроил ПК1:



Установил взаимодействие между отделами:



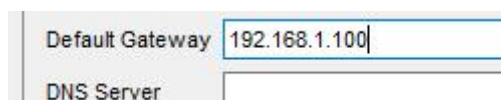
Настроил FastEthernet0/0:



Настроил FastEthernet0/1:



ПК0:



ПК1:



Пинганул:

```

C:\>ping 192.168.2.1

Pinging 192.168.2.1 with 32 bytes of data:

Reply from 192.168.2.1: bytes=32 time=16ms TTL=127
Reply from 192.168.2.1: bytes=32 time=13ms TTL=127
Reply from 192.168.2.1: bytes=32 time=15ms TTL=127
Reply from 192.168.2.1: bytes=32 time=17ms TTL=127

Ping statistics for 192.168.2.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 13ms, Maximum = 17ms, Average = 15ms

```

Добавил ещё одно устройство:

Laptop0

Physical **Config** Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

Wireless0

Bluetooth

Wireless0

Port Status ☒ On

Bandwidth 11 Mbps

MAC Address 0001.9735.9AB6

SSID buhg

Authentication

☒ Disabled ☐ WEP ☐ WPA-PSK ☐ WPA2-PSK ☐ WPA ☐ WPA2 ☐ 802.1X

Method: MDS

WEP Key

PSK Pass Phrase

User ID

Password

User Name

Password

Encryption Type Disabled

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 192.168.1.2

Subnet Mask 255.255.255.0

Access Point1

Physical **Config** Attributes

GLOBAL

Settings

INTERFACE

Port 0

Port 1

Port 1

Port Status ☒ On

SSID buhg

2.4 GHz Channel 6

Coverage Range (meters) 140,00

Authentication

☐ Disabled ☒ WEP ☐ WPA-PSK ☐ WPA2-PSK

WEP Key 1234567890

PSK Pass Phrase

PC0

Physical **Config** Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

Wireless0

Bluetooth

Wireless0

Port Status

Bandwidth 18 Mbps

MAC Address 00E0.B02D.AC26

SSID buhg

Authentication

☐ Disabled ☒ WEP ☐ WPA-PSK ☐ WPA2-PSK

WEP Key 1234567890

PSK Pass Phrase