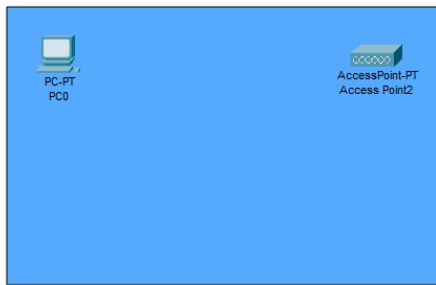
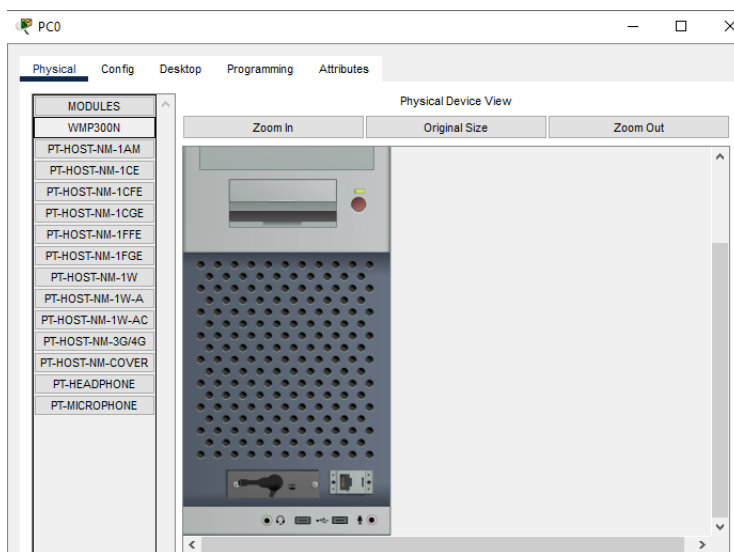


Практическая 20 – Сеть Wi-Fi на предприятии, защита WEP и WPA

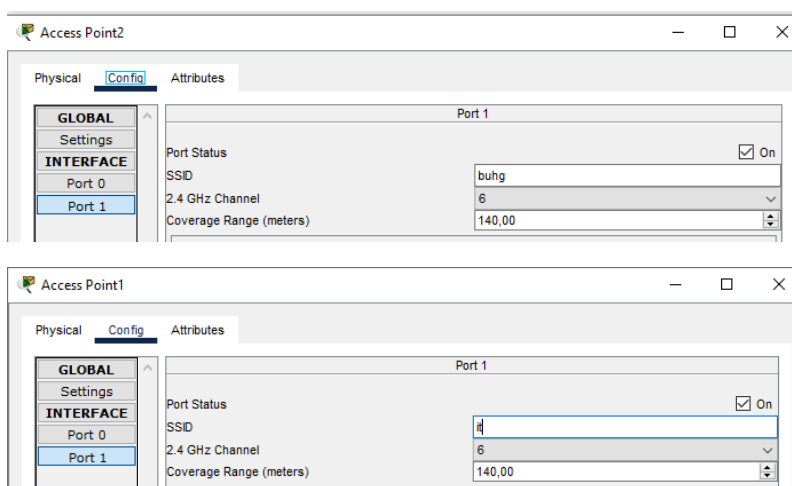
Строим сеть



Устанавливаем модули в PC0 и PC1



Меняем SSID у портов

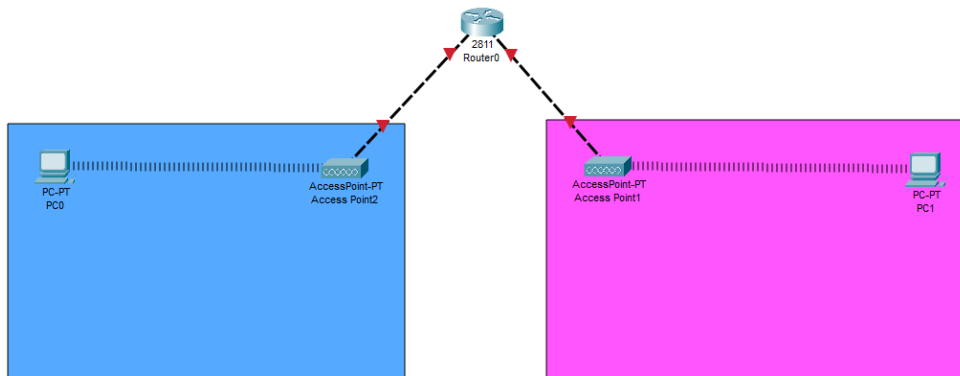


Настраиваем PC

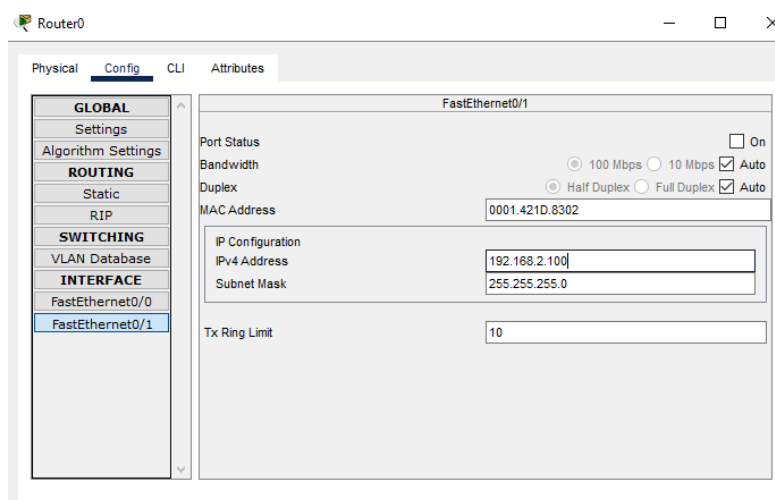
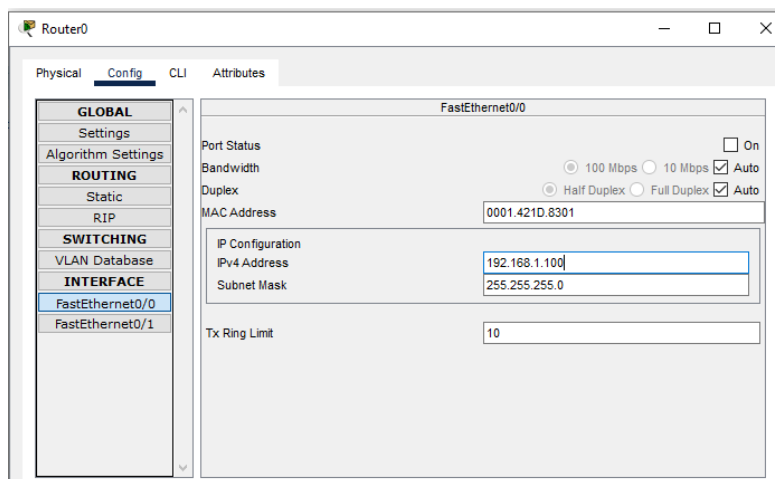
Wireless0	
Port Status	<input checked="" type="checkbox"/> On
Bandwidth	18 Mbps
MAC Address	0050.0F1D.D0D2
SSID	buhg
Authentication <input checked="" type="radio"/> Disabled <input type="radio"/> WEP WEP Key <input type="radio"/> WPA-PSK <input type="radio"/> WPA2-PSK PSK Pass Phrase <input type="radio"/> WPA <input type="radio"/> WPA2 User ID <input type="radio"/> 802.1X Method: MD5 Password User Name Password Encryption Type: Disabled	
IP Configuration <input type="radio"/> DHCP <input checked="" type="radio"/> Static IPv4 Address: 192.168.1.1 Subnet Mask: 255.255.255.0	

Wireless0	
Port Status	<input checked="" type="checkbox"/> On
Bandwidth	24 Mbps
MAC Address	0007.EC10.38D9
SSID	it
Authentication <input checked="" type="radio"/> Disabled <input type="radio"/> WEP WEP Key <input type="radio"/> WPA-PSK <input type="radio"/> WPA2-PSK PSK Pass Phrase <input type="radio"/> WPA <input type="radio"/> WPA2 User ID <input type="radio"/> 802.1X Method: MD5 Password User Name Password Encryption Type: Disabled	
IP Configuration <input type="radio"/> DHCP <input checked="" type="radio"/> Static IPv4 Address: 192.168.2.1 Subnet Mask: 255.255.255.0	

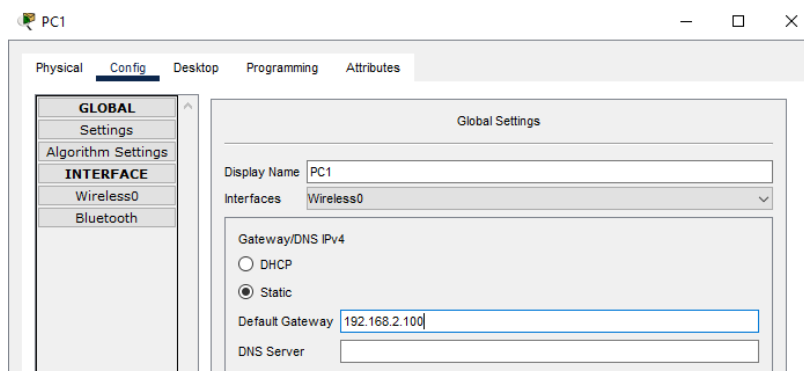
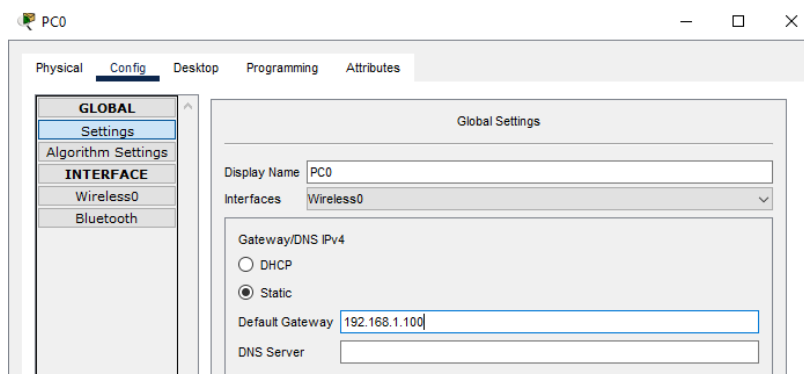
Добавляем коммутирующее устройство 2811



Настраиваем сети для роутеров



Настраиваем шлюз в PC



Проверяем с PC0 пингует PC1

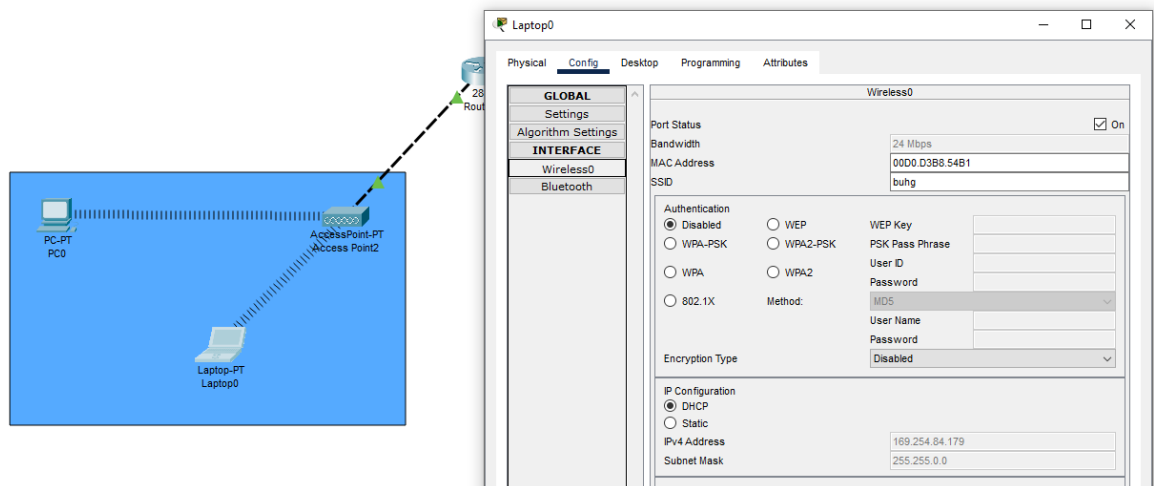
```
C:\>ping 192.168.2.1

Pinging 192.168.2.1 with 32 bytes of data:

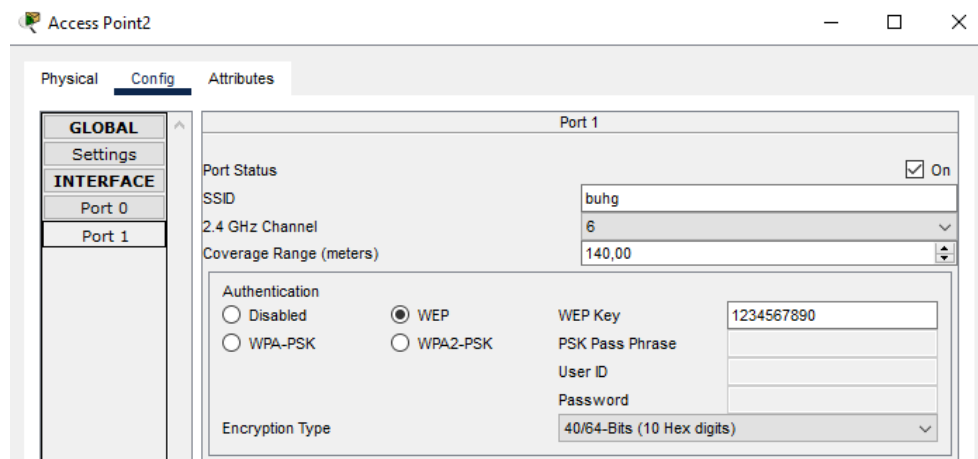
Reply from 192.168.2.1: bytes=32 time=17ms TTL=127
Reply from 192.168.2.1: bytes=32 time=12ms TTL=127
Reply from 192.168.2.1: bytes=32 time=10ms TTL=127
Reply from 192.168.2.1: bytes=32 time=14ms TTL=127

Ping statistics for 192.168.2.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 10ms, Maximum = 17ms, Average = 13ms
```

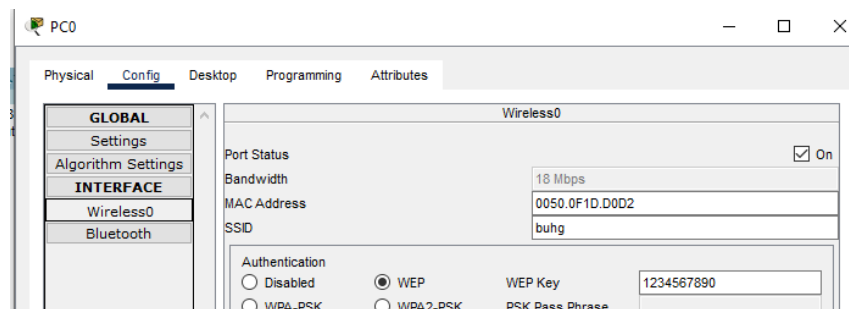
Подключаем злоумышленника и ворует данные



Задаем пароль в Access Point

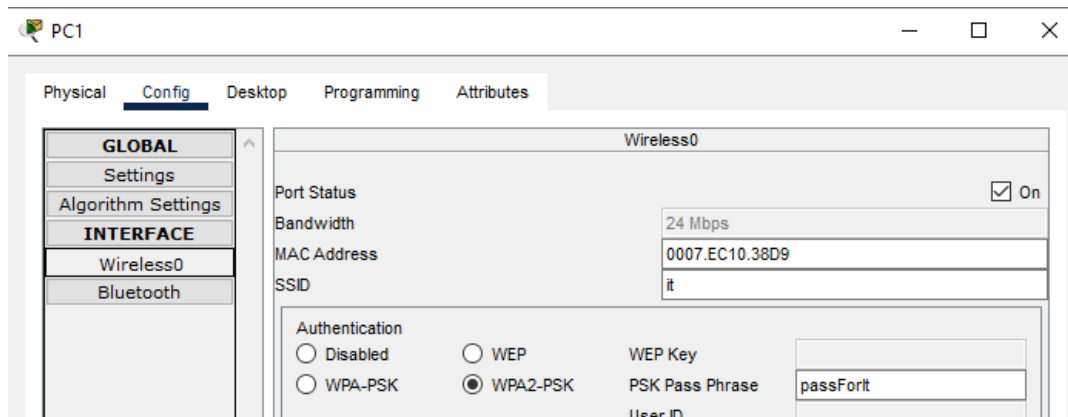
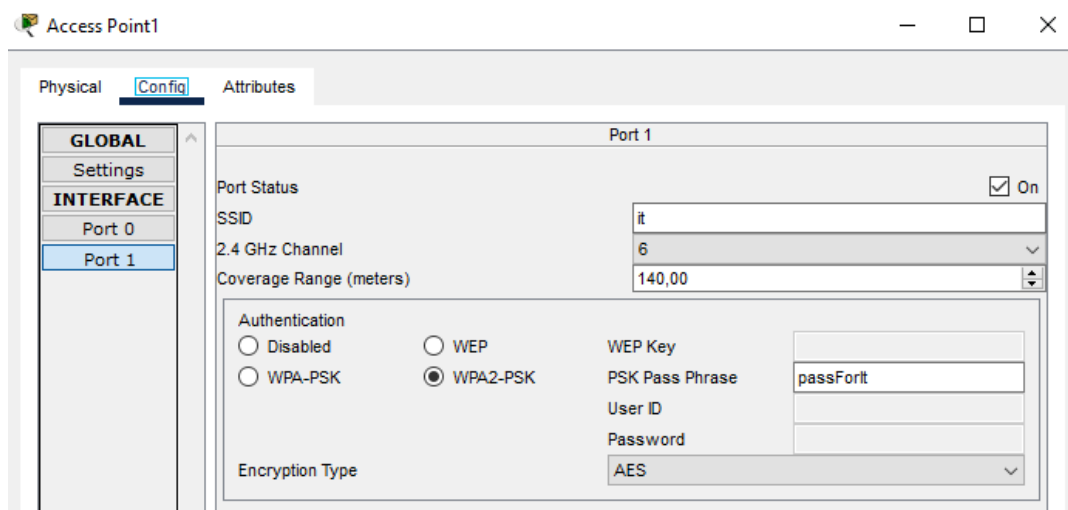


И задаем его в PC



Теперь только наш компьютер можно подключится

Задаем пароль для IT с использованием WPA2



Готово

