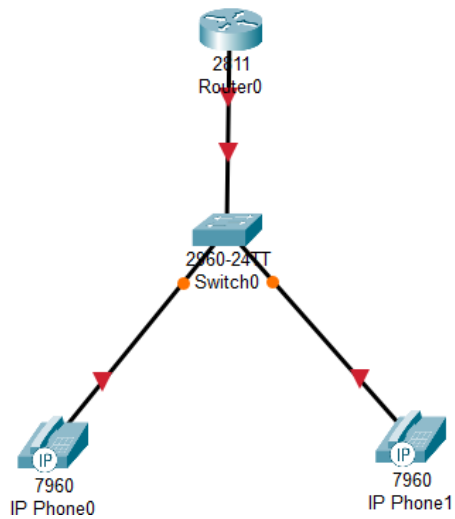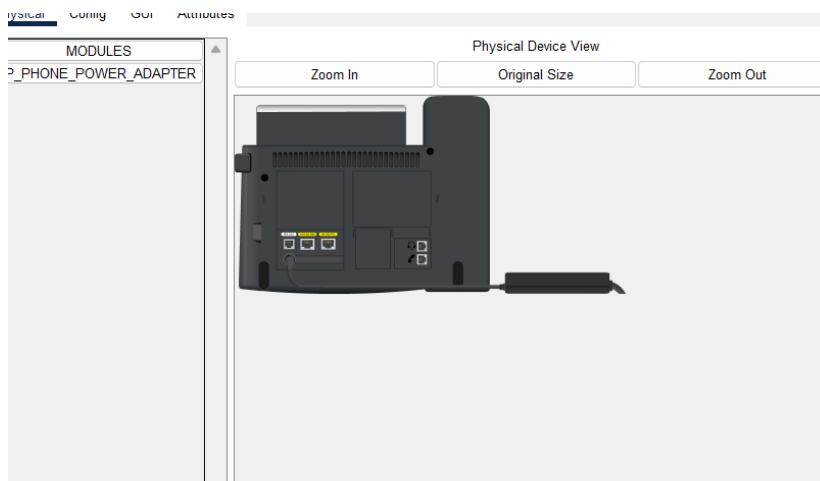# Практическая №28

Строим сеть и настраиваем все.

Конфигурируем Router0.

```
Router>en
Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#int fa0/0
Router(config-if)#ip ad 192.168.10.1 255.255.255.0
Router(config-if)#no sh

Router(config-if)#exit
Router(config)#ip dhcp pool VOICE
Router(dhcp-config)#network 192.168.10.0 255.255.255.0
Router(dhcp-config)#default-router 192.168.10.1
Router(dhcp-config)#option 150 ip 192.168.10.1
Router(dhcp-config)#exit
Router(config)#telephony-service
Router(config-telephony)#max-dn 5
Router(config-telephony)#max-ephones 5
Router(config-telephony)#ip source-address 192.168.10.1 port 2000
Router(config-telephony)##auto assign 1 to 5
                        ^
% Invalid input detected at '^' marker.

Router(config-telephony)#auto assign 1 to 5
Router(config-telephony)#exit
```

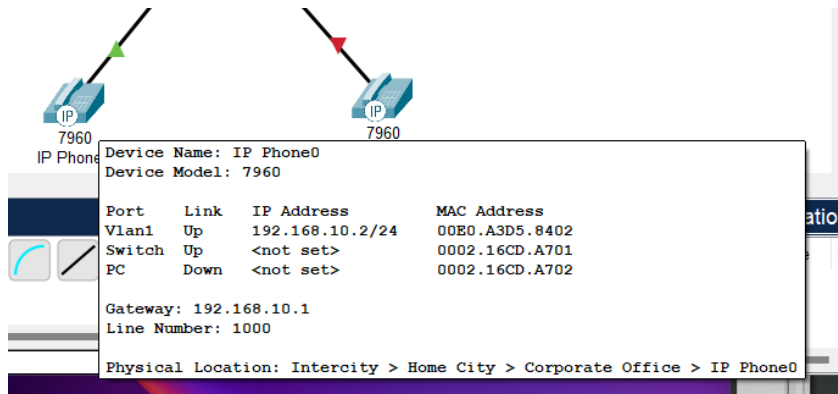Подключаем питание к 2-м нашим телефонам.

Конфигурируем Switch.

```
Switch>en
Switch#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Switch(config)#int range fa0/1-6
Switch(config-if-range)#switchport mode access
Switch(config-if-range)#switchport voice vlan 1
Switch(config-if-range)#
```
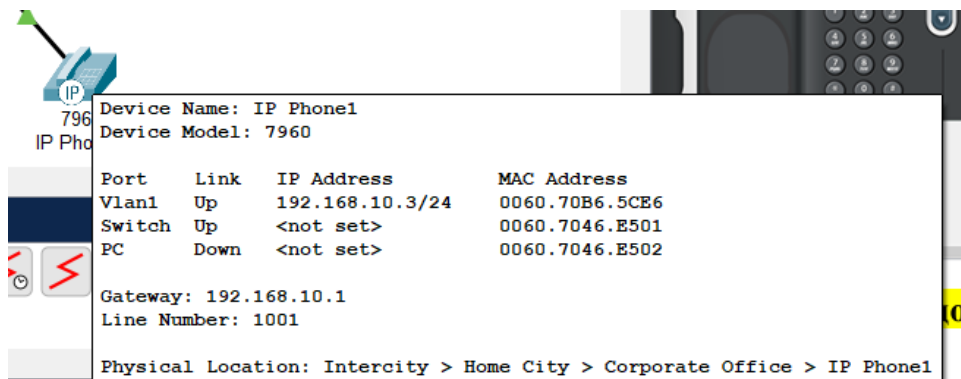
Переходим в консоль Router0.

```
Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#ephone-dn 1
Router(config-ephone-dn)#%LINK-3-UPDOWN: Interface ephone_dsp DN 1.1, changed state to up

Router(config-ephone-dn)#number 1000
Router(config-ephone-dn)#
```

```
Device Name: IP Phone0
Device Model: 7960

Port      Link    IP Address        MAC Address
Vlan1     Up      192.168.10.2/24   00E0.A3D5.8402
Switch    Up      <not set>         0002.16CD.A701
PC        Down    <not set>         0002.16CD.A702

Gateway: 192.168.10.1
Line Number: 1000

Physical Location: Intercity > Home City > Corporate Office > IP Phone0
```

Аналогично задаём телефону 2, номер 1001

```
Device Name: IP Phone1
Device Model: 7960

Port      Link    IP Address        MAC Address
Vlan1     Up      192.168.10.3/24   0060.70B6.5CE6
Switch    Up      <not set>         0060.7046.E501
PC        Down    <not set>         0060.7046.E502

Gateway: 192.168.10.1
Line Number: 1001

Physical Location: Intercity > Home City > Corporate Office > IP Phone1
```

Тестируем.