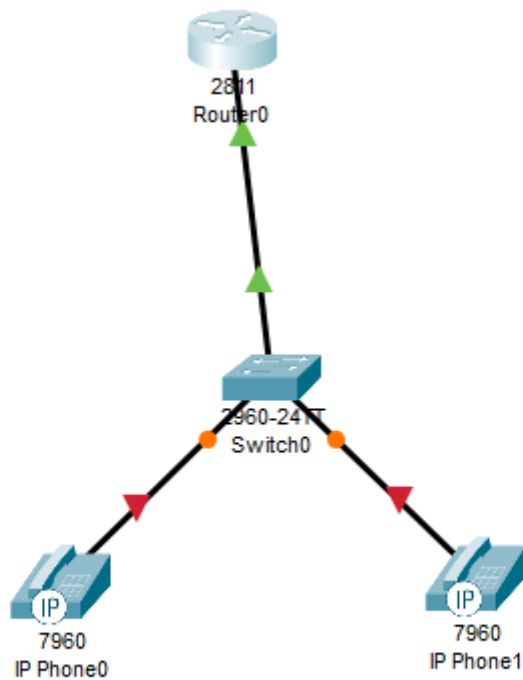


1. Создаем сеть



2. Настраиваем роутер

```
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
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)#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
Router(config-telephony)#exit
Router(config)#
```

3. Включаем телефоны



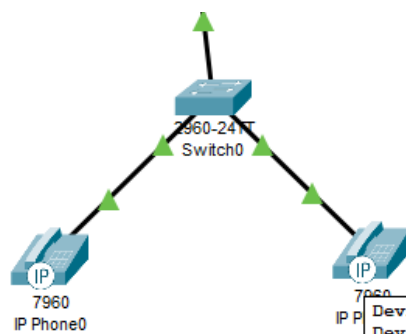
4. Настраиваем свитч

```
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)#
```

5. Повторно настраиваем роутер

```
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)#
```

6. Номера телефонов заданы



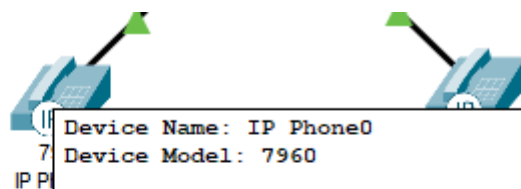
```
Device Name: IP Phone1
Device Model: 7960

Port    Link    IP Address      MAC Address
Vlan1   Up      192.168.10.2/24  0030.A311.7A6B
Switch  Up      <not set>        0001.631D.4601
PC       Down    <not set>        0001.631D.4602

Gateway: 192.168.10.1
Line Number: 1000

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

```
Router(config)#ephone-dn 2
Router(config-ephone-dn)#number 1001 (задаем для второго телефона номер)
```



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

Port    Link    IP Address      MAC Address
Vlan1   Up      192.168.10.3/24  0060.5C21.8685
Switch  Up      <not set>        000A.F37E.E301
PC       Down    <not set>        000A.F37E.E302

Gateway: 192.168.10.1
Line Number: 1001

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

7. Звоним



