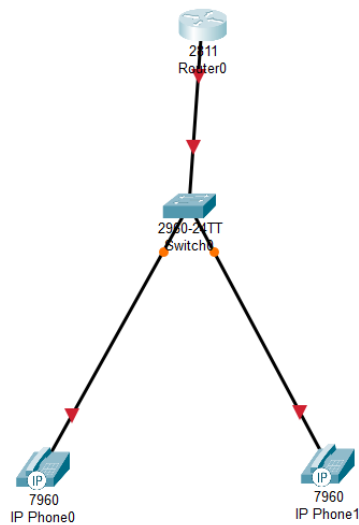


Практическая работа 28 –Базовая IP-телефония в Cisco

1. Строю сеть



2. Настраиваю Router0

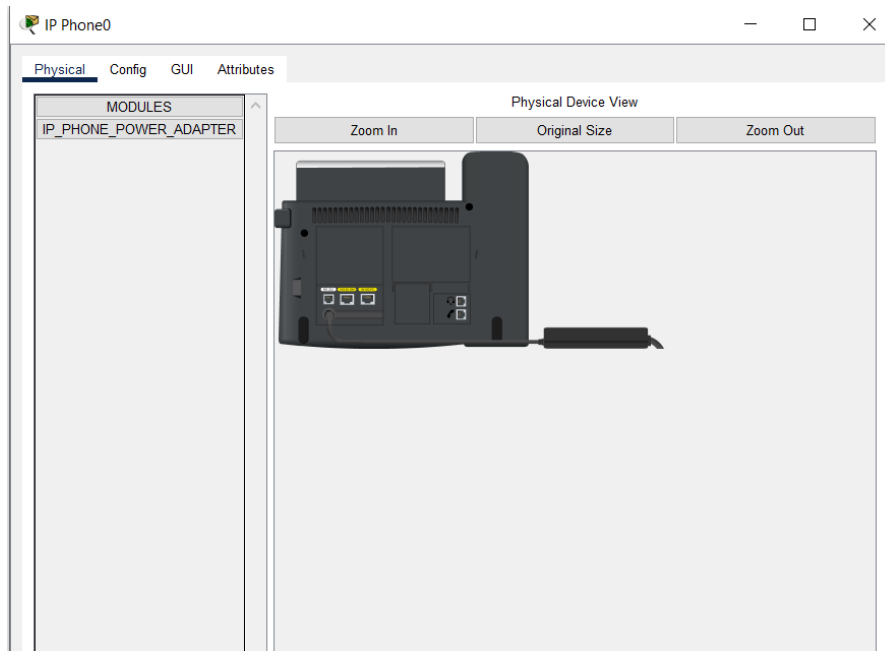
```
Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int fa0/0
Router(config-if)#ip ad 192.168.10.1 255.255.255.0
Router(config-if)#no sh
```

3. Настраиваю DHCP на роутере

```
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
                                     ^
% Invalid input detected at '^' marker.

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
```

4. У телефонов подключаю питание



5. Настройка Switch0


```
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 vlan1
Switch(config-if-range)#switchport voice vlan1
^
% Invalid input detected at '^' marker.
```


```
Switch(config-if-range)#switchport voice vlan 1
```

6. Выдаю номера телефонам

```
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
```

7. Проверяю есть ли номера


796
IP Pho


7960

Device Name: IP Phone0				
Device Model: 7960				
Port	Link	IP Address	MAC Address	
Vlan1	Up	192.168.10.2/24	0003.E489.0BD9	
Switch	Up	<not set>	00E0.F777.0B01	
PC	Down	<not set>	00E0.F777.0B02	
Gateway: 192.168.10.1				
Line Number: 1000				
Physical Location: Intercity > Home City > Corporate Office > IP Phone0				

8. Звонюк

