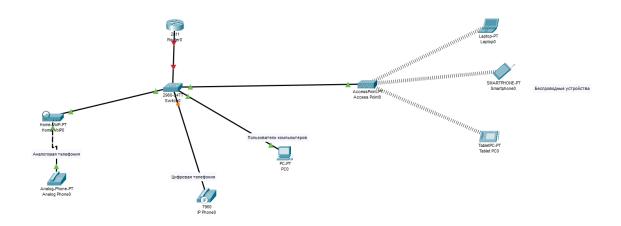
## Практическая работа 29 – ІР-телефония на примере разных устройств пользователя

### Строим сеть



#### VoIP



## Router0

```
Router(config) #int fa0/0
Router(config-if) #ip ad 10.3.0.1 255.255.255.0
Router(config-if) #no sh
```

## Настройка DHCP

```
Router(config) #ip dhcp excluded-address 10.3.0.1
Router(config) #ip dhcp pool Telephony
Router(dhcp-config) #network 10.3.0.0 255.255.255.0
Router(dhcp-config) #default-router 10.3.0.1
Router(dhcp-config) #option 150 ip 10.3.0.1
```

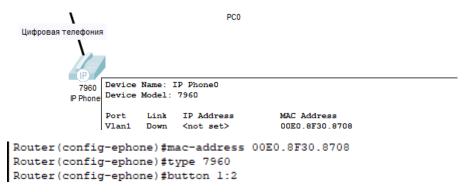
## Настройка телефонии

```
Router(config) #telephony-service
Router(config-telephony) #max-ephones 10
Router(config-telephony) #max-dn 10
Router(config-telephony) #ip source-address 10.3.0.1 port 2000
Router(config-telephony) #auto assign 1 to 10
```

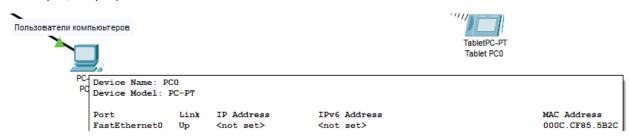
#### Настройка номеров

```
Router(config-ephone-dn)#number 101
Router(config-ephone-dn)#ephone
%IPPHONE-6-REGISTER: ephone-1 IP:10.3.0.5 Socket:2 DeviceType:Phone has regist
Router(config-ephone-dn)#number 101
Router(config-ephone-dn)#ephone-dn 2
Router(config-ephone-dn) #%LINK-3-UPDOWN: Interface ephone dsp DN 2.1, changed state to up
Router(config-ephone-dn)#number 102
Router(config-ephone-dn)#ephone-dn 3
Router(config-ephone-dn) #%LINK-3-UPDOWN: Interface ephone dsp DN 3.1, changed state to up
Router(config-ephone-dn)#number 103
Router(config-ephone-dn)#ephone-dn 4
Router(config-ephone-dn)#%LINK-3-UPDOWN: Interface ephone_dsp DN 4.1, changed state to up
Router(config-ephone-dn)#number 104
Router(config-ephone-dn)#ephone-dn 5
Router(config-ephone-dn) #%LINK-3-UPDOWN: Interface ephone_dsp DN 5.1, changed state to up
Router(config-ephone-dn)#number 105
Router(config-ephone-dn)#ephone-dn 6
Router(config-ephone-dn)#%LINK-3-UPDOWN: Interface ephone dsp DN 6.1, changed state to up
Router(config-ephone-dn)#number 106
```

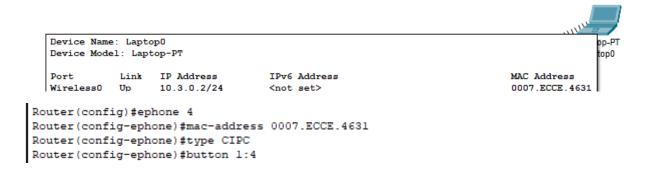
#### Регистрация цифровой телефонии

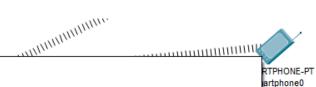


#### Регистрация программных



#### Беспроводные устройства





Link IP Address IPv6 Address Port

MAC Address 00E0.8FAC.C714 Wireless0 Up 10.3.0.3/24 <not set>

Router(config-ephone) #mac-address 00E0.8FAC.C714

Router(config-ephone) #type CIPC Router(config-ephone) #button 1:5

Device Name: Smartphone0

Device Model: SMARTPHONE-PT

пользователи компьювтеров Device Name: Tablet PC0 C0 Device Model: TabletPC-PT Link IP Address IPv6 Address MAC Address Port 10.3.0.4/24 Wireless0 <not set> 00E0.F72C.41B8 Up

Router(config-ephone) #mac-address 00E0.F72C.41B8

Router(config-ephone) #type CIPC Router(config-ephone) #button 1:6

# Пробуем позвонить

