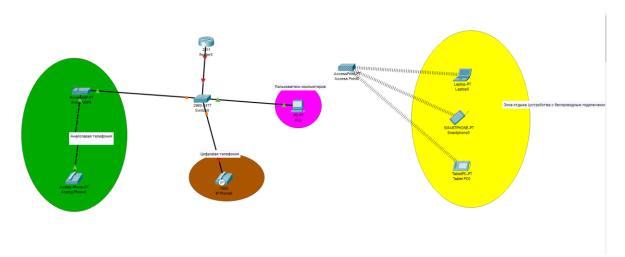
## Арестов Никита ИС223

## 1. Создал сеть



## 2. Конфигурация роутера0

```
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 10.3.0.1 255.255.255.0
Router(config-if) #no sh
Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
Router(config-if) #ip dhcp excluded-address 10.3.0.1
Router(config) #ip dhcp pool Telephony
Router(dhcp-config) #net 10.3.0.0 255.255.255.0
Router(dhcp-config) #default-router 10.3.0.1
Router(dhcp-config) #op 150 ip 10.3.0.1
Router (dhcp-config) #telephony-service
Router(config-telephony) #max-ephones 10
Router(config-telephony) #max-dn 10
Router(config-telephony) #ip souce-address 10.3.0.1 port 2000
% Invalid input detected at '^' marker.
Router(config-telephony) #ip source-address 10.3.0.1 port 2000
Router(config-telephony) #auto assign 1 to 10
Router(config-telephony) # 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 101
Router(config-ephone-dn)#
%IPPHONE-6-REGISTER: ephone-1 IP:10.3.0.2 Socket:2 DeviceType:Phone has registered.
```

```
Router(config-ephone-dn) #number 101
Router(config-ephone-dn)#
%IPPHONE-6-REGISTER: ephone-1 IP:10.3.0.2 Socket:2 DeviceType:Phone has registered.
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
ephone-dn 4
Router(config-ephone-dn) #ephone-dn 5
Router(config-ephone-dn)#
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
Router(config-ephone-dn)#exit
Router(config) #ephone 1
Router(config-ephone) #mac-address 0009.7C34.3C01
ephone slot is already registered with 00D0.FFCB.0101
Cannot change MAC address.
Router(config-ephone) #type ata
Router(config-ephone) #button 1:1
Dn already assigned.
Router(config-ephone) #ephone 2
Router(config-ephone) #mac-address 0009.7C09.D862
Router(config-ephone) #type 7960
Router(config-ephone)#1:2
% Invalid input detected at '^' marker.
Router(config-ephone) #button 1:2
Router(config-ephone) #ephone 3
Router(config-ephone) #mac-address 0006.2A28.7710
Router(config-ephone) #type CIPC
Router(config-ephone) #button 1:3
Router(config-ephone) #ephone 4
Router(config-ephone) #mac-address 0006.2A28.7711
Router(config-ephone) #type CIPC
Router(config-ephone) #button 1:4
Router(config-ephone) #ephone 5
Router(config-ephone) #mac-address 0006.2A28.7712
Router(config-ephone) #type CIPC
Router(config-ephone) #button 1:5
Router(config-ephone) #ephone 6
Router(config-ephone) #mac-address 0006.2A28.7713
Router(config-ephone) #type CIPC
Router(config-ephone) #button 1:6
Router(config-ephone)#
```