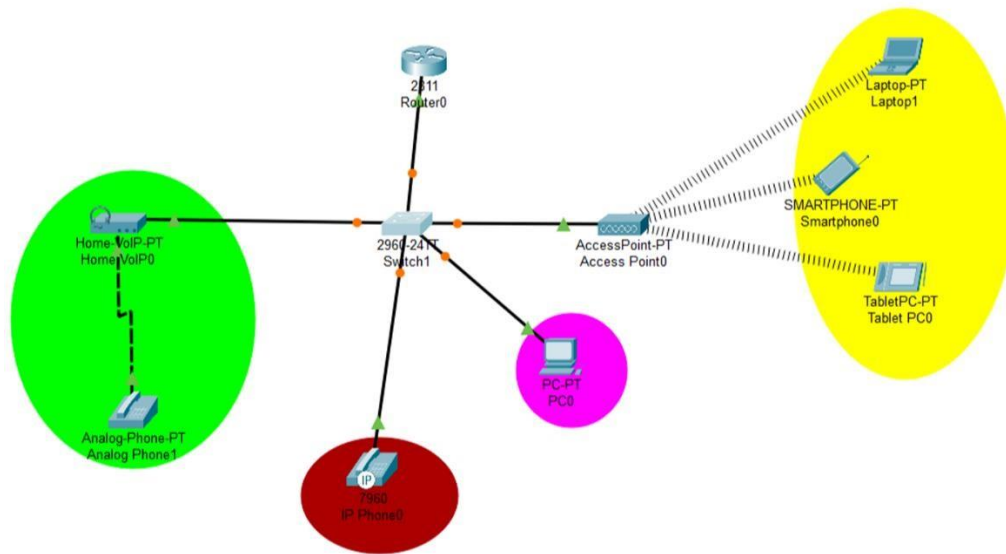


Практическая работа №29

1.



2.

```
Router0
Physical Config CLI Attributes
IOS Command Line Interface
http://www.cisco.com/ww1/export/crypto/tool/stgrrg.html
If you require further assistance please contact us by sending email to
export@cisco.com.

cisco 2811 (MPC860) processor (revision 0x200) with 60416K/5120K bytes of memory
Processor board ID JAD05190MTZ (4292891495)
2 FastEthernet interface(s)
DRAM configuration is 64 bits wide with parity disabled.
255K bytes of non-volatile configuration memory.
249856K bytes of ATA System CompactFlash 0 (Read/Write)

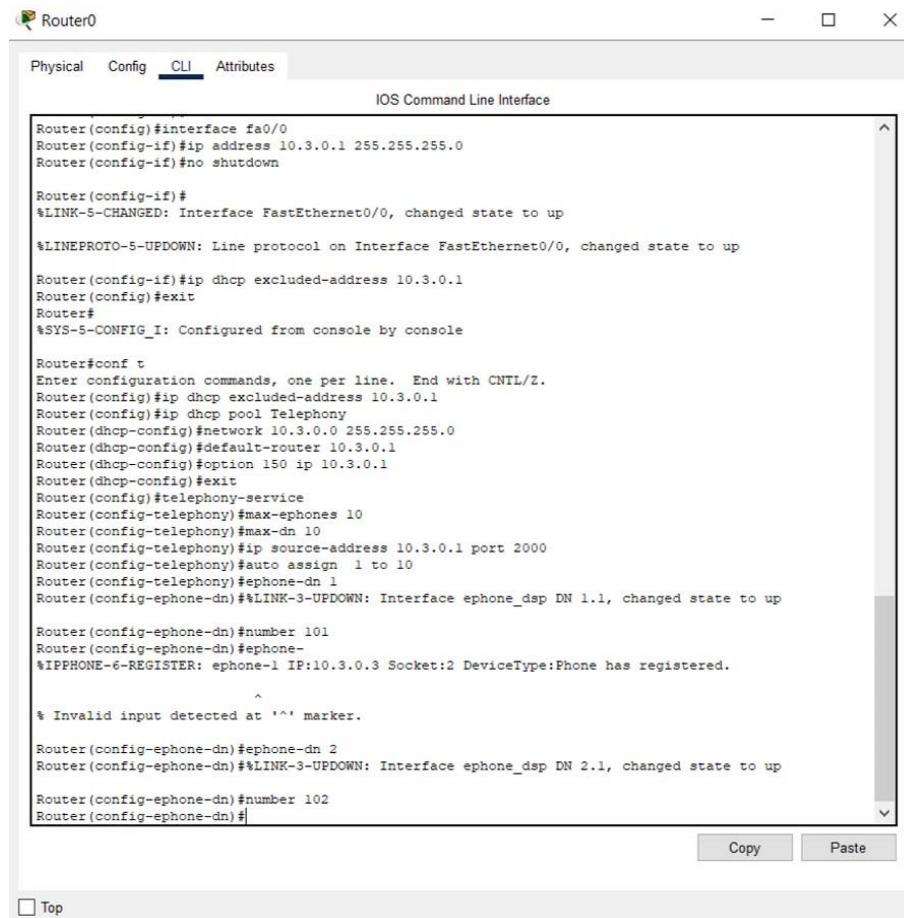
--- System Configuration Dialog ---
Would you like to enter the initial configuration dialog? [yes/no]:

Press RETURN to get started!

Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#exit
Router(config)#interface fa0/0
Router(config-if)#ip address 10.3.0.1 255.255.255.0
Router(config-if)#no shutdown

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
```

3.



The screenshot shows a Cisco Router CLI window titled "Router0". The window has tabs for "Physical", "Config", "CLI", and "Attributes", with "CLI" selected. The main area displays the "IOS Command Line Interface" with the following commands and output:

```
Router(config)#interface fa0/0
Router(config-if)#ip address 10.3.0.1 255.255.255.0
Router(config-if)#no shutdown

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)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
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
Router(dhcp-config)#exit
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
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)#ephone-
%IPPHONE-6-REGISTER: ephone-1 IP:10.3.0.3 Socket:2 DeviceType:Phone has registered.

% Invalid input detected at '^' marker.

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)#
```

At the bottom of the window, there are "Copy" and "Paste" buttons, and a "Top" button.

4.

Router0

Physical Config CLI Attributes

IOS Command Line Interface

```
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
Router(dhcp-config)#exit
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
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)#ephone-
%IPPHONE-6-REGISTER: ephone-1 IP:10.3.0.3 Socket:2 DeviceType:Phone has registered.

^
% Invalid input detected at '^' marker.

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 3
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
Router(config-ephone-dn)#
```

Copy Paste

☐ Top

5.

Router0

Physical Config CLI Attributes

IOS Command Line Interface

```
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 0001.6355.DE01
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)#exit
Router(config)#ephone 2
Router(config-ephone)#mac-address 000C.CF09.D862
Router(config-ephone)#type 7960

^
% Invalid input detected at '^' marker.

Router(config-ephone)#type 7960
Router(config-ephone)#button 1:2
Router(config-ephone)#exit
Router(config)#ephone 3
Router(config-ephone)#mac-address 0006.2A28.7710
Router(config-ephone)#type CIPC
Router(config-ephone)#button 1:3
Router(config-ephone)#exit
Router(config)#ephone 4
Router(config-ephone)#mac-address 0050.0F7A.720E
Router(config-ephone)#type CIPC
Router(config-ephone)#button 1:4
Router(config-ephone)#exit
Router(config)#ephone 5
Router(config-ephone)#mac-address 00D0.97BC.097D
Router(config-ephone)#type CIPC
Router(config-ephone)#button 1:5
Router(config-ephone)#exit
Router(config)#ephone 6
Router(config-ephone)#mac-address 0006.2AD7.662E
Router(config-ephone)#type CIPC
Router(config-ephone)#button 1:6
```

Copy Paste

☐ Top

6.

