1811
Router0

2960-24TT
Switch0

AccessPoint-PT
Access Point1

Home-VoIP-PT
Home VoIP0

аналоговаяя телефония

Analog-Phone-PT
Analog Phone0

цифровая телефония

7960
IP Phone1

пользователи компьютеров

PC-PT
PC0

зона отдыха(устройства с беспров
одным подключением)

Laptop-PT
Laptop0

SMARTPHONE-PT
Smartphone0

TabletPC-PT
Tablet PC0

Router0   — □ ✕

Physical   Config   **CLI**   Attributes

IOS Command Line Interface

```
Press RETURN to get started!



Router>en
Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#int fa0/0
Router(config-if)#ip address 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)#ex
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\
                                          ^
% Invalid input detected at '^' marker.

Router(dhcp-config)#option 150 ip 10.3.0.1
Router(dhcp-config)#ex
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)#auro assign 1 to 10
                           ^
% Invalid input detected at '^' marker.

Router(config-telephony)#auto assign 1 to 10
Router(config-telephony)#ephone-dn 1
```

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☐ Top

Physical   Config   CLI   Attributes

IOS Command Line Interface

```
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-dn 1
Router(config-ephone-dn)#
%IPPHONE-6-REGISTER: ephone-1 IP:10.3.0.5 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)#ex
Router(config)#ephone 1
Router(config-ephone)#mac-address 0009.7C34.3C01
ephone slot is already registered with 0000.0C72.D101
Cannot change MAC address.
Router(config-ephone)#mac-address 0009.7C34.3C01
ephone slot is already registered with 0000.0C72.D101
Cannot change MAC address.
Router(config-ephone)#EX
Router(config)#no ephone 1
Router(config)#
%IPPHONE-6-UNREGISTER_NORMAL: DeviceType:Phone has unregistered normally.

%IPPHONE-6-REG_ALARM: 22: Name=SEP001D452D50BD Load= SCCP41.8-3-3SR2S Last=Reset-Reset

Router(config)#ephone 1
Router(config-ephone)#mac-address 0009.7C34.3C01
%IPPHONE-6-REGISTER: ephone-1 IP:10.3.0.5 Socket:2 DeviceType:Phone has registered.

ephone slot is already registered with 0000.0C72.D101
Cannot change MAC address.
Router(config-ephone)#
Router(config-ephone)#
```

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Physical   Config   **CLI**   Attributes

IOS Command Line Interface

```
Router(config-ephone)#mac-address 0009.7C34.3C01
ephone slot is already registered with 0000.0C72.D101
Cannot change MAC address.
Router(config-ephone)#ex
Router(config)#no ephone 1
Router(config)#
%IPPHONE-6-UNREGISTER_NORMAL: DeviceType:Phone has unregistered normally.

%IPPHONE-6-REG_ALARM: 22: Name=SEP001D452D50BD Load= SCCP41.8-3-3SR2S Last=Reset-Reset

Router(config)#ephone 1
Router(config-ephone)#mac-address 0009.7C34.3C01
Router(config-ephone)#
%IPPHONE-6-REGISTER: ephone-2 IP:10.3.0.5 Socket:2 DeviceType:Phone has registered.

Router(config-ephone)#ephone 1
Router(config-ephone)#mac-address 0009.7C34.3C01
MAC address is already assigned with ephone 1
Cannot assign same MAC address to multiple ephones.
Router(config-ephone)#type ata
Router(config-ephone)#button 1:1
Dn already assigned.
Router(config-ephone)#ex
Router(config)#ephone 2
Router(config-ephone)#mac-address 000C.CF09.D862
ephone slot is already registered with 0000.0C72.D101
Cannot change MAC address.
Router(config-ephone)#mac-address 000C.CF09.D862
ephone slot is already registered with 0000.0C72.D101
Cannot change MAC address.
Router(config-ephone)#ex
Router(config)#no ephone 2
Router(config)#
%IPPHONE-6-UNREGISTER_NORMAL: DeviceType:Phone has unregistered normally.

%IPPHONE-6-REG_ALARM: 22: Name=SEP001D452D50BD Load= SCCP41.8-3-3SR2S Last=Reset-Reset
```

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☐ Top

Physical   Config   CLI   Attributes

IOS Command Line Interface

```
Router(config)#ephone 2
Router(config-ephone)#mac-address 000C.CF09.D862
Router(config-ephone)#t
%IPPHONE-6-REGISTER: ephone-3 IP:10.3.0.5 Socket:2 DeviceType:Phone has registered.
Router(config-ephone)#
Router(config-ephone)#type 7960
Router(config-ephone)#button 1:2
Router(config-ephone)#ex
Router(config)#ephone 3
Router(config-ephone)#mac-address 0006.2A28.7710
ephone slot is already registered with 0000.0C72.D101
Cannot change MAC address.
Router(config-ephone)#ex
Router(config)#no ephone 3
Router(config)#
%IPPHONE-6-UNREGISTER_NORMAL: DeviceType:Phone has unregistered normally.

%IPPHONE-6-REG_ALARM: 22: Name=SEP001D452D50BD Load= SCCP41.8-3-3SR2S Last=Reset-Reset

Router(config)#ephone 3
Router(config-ephone)#mac-address 0006.2A28.7710
Router(config-ephone)#
Router(config-ephone)#type
%IPPHONE-6-REGISTER: ephone-4 IP:10.3.0.5 Socket:2 DeviceType:Phone has registered.
% Incomplete command.
Router(config-ephone)#
Router(config-ephone)#type CIPC
Router(config-ephone)#button 1:3
 dn 3 does not exist
Router(config-ephone)#ex
Router(config)#ephone 4
Router(config-ephone)#type CIPC
Router(config-ephone)#button 1:4
 dn 4 does not exist
Router(config-ephone)#ex
Router(config)#ephone 5
```

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☐ Top

```
Router(config)#ephone 5
Router(config-ephone)#type CIPC
Router(config-ephone)#button 1:5
Need to configure ephone mac address or VM station-id
Router(config-ephone)#mac-address 0006.2A28.7710
MAC address is already assigned with ephone 3
Cannot assign same MAC address to multiple ephones.
Router(config-ephone)#mac-address 0006.2A28.7711
Router(config-ephone)#type CIPC
Router(config-ephone)#button 1:3
 dn 3 does not exist
Router(config-ephone)#button 1:5
 dn 5 does not exist
Router(config-ephone)#ex
Router(config)#ephone 6
Router(config-ephone)#mac-address 0006.2A28.7713
Router(config-ephone)#type CIPC
Router(config-ephone)#button 1:6
 dn 6 does not exist
Router(config-ephone)#
Router(config-ephone)#EXS
                     ^
% Invalid input detected at '^' marker.

Router(config-ephone)#EX
Router(config)#ephone 2
Router(config-ephone)#mac-address 000C.CF09.D862
MAC address is already assigned with ephone 2
Cannot assign same MAC address to multiple ephones.
Router(config-ephone)#ex
Router(config)#ephone 2
Router(config-ephone)#mac-address 000C.CF09.D862
MAC address is already assigned with ephone 2
Cannot assign same MAC address to multiple ephones.
Router(config-ephone)#type 7960
Router(config-ephone)#button 1:2
Router(config-ephone)#
```