

## Практическая часть

N2

```
int fa0/3
no switchport
ip address 192.168.0.2 255.255.0.0
ip route 0.0.0.0 0.0.0.0 192.168.0.1
```

### Local Router

```
ip routing
int fa0/0
ip address 192.168.0.1 255.255.0.0

int se0/3/0
ip address 6.187.34.249 255.255.255.248
encapsulation ppp
ppp authentication chap
exit

username ISPRouter password aoks
ip route 0.0.0.0 0.0.0.0 6.187.34.250
ip route 170.239.65.0 255.255.255.0 192.168.0.2
ip route 198.239.5.192 255.255.255.192 192.168.0.2
ip route 181.88.0.0 255.255.128.0 192.168.0.2
ip route 118.0.0.0 255.255.0.0.0 192.168.0.2
ip route 199.105.15.0 255.255.255.0 192.168.0.2
```

### ISPRouter

```
ip routing
int se0/3/0
ip address 6.187.34.250 255.255.255.248
encapsulation ppp
ppp authentication chap
clock rate 1000000
exit

username LocalRouter password aoks
ip route 170.239.65.0 255.255.255.0 6.187.34.249
ip route 198.239.5.192 255.255.255.192 6.187.34.249
ip route 181.88.0.0 255.255.128.0 6.187.34.249
ip route 118.0.0.0 255.0.0.0 6.187.34.249
ip route 199.105.15.0 255.255.255.0 6.187.34.249

username dialUp password user
```

```

int fa0/0
ip address 135.239.56.1 255.255.252.0
int fa0/1
ip address 145.54.128.1 255.255.128.0
int modem0/1/0
ip address 204.53.27.129 255.255.255.129

```

### PT-Cloud

- Config → Connections → DSL

DSL

Modem 8 ↔ FastEthernet 1

Могут  
 1x PT-Cloud-NM-1CX  
 2x PT-Cloud-NM-1CFE  
 3x PT-Cloud-NM-1AM

- Config → Connections → Cable

Cable

Coaxial 3 ↔ FastEthernet 2

(превращаем  
устройство  
FastEthernet 2  
в Cable)

- Config → Interface → Modem 7

Phone Number: 2222222

- Config → Interface → Modem 9

Phone Number: 1111111

Provider Network  
☒ Cable ☐ DSL

### xDSL PC

- Config → Interface → FastEthernet 0

IP Configuration

☒ Static ☐ DHCP

IP Address: 135.239.56.2

Subnet Mask: 255.255.252.0

(FastEthernet 0 → Modem 8)

- Config → Global → Settings

Gateway: 135.239.56.1

- Config → Global → TV Set6  
 Select TV Images  
 image [ ] [ + ]  
 Добавить несколько картинок

### Coax PC

- Config → Interface → FastEthernet 0

IP Configuration

☒ Static ☐ DHCP

IP Address: 145.54.128.2

Subnet Mask: 255.255.128.0

(FastEthernet 0 → Coaxial 3)

- Config → Global → Settings

Gateway: 145.54.128.1



## Dial-up PC

Замечен модуль FastEthernet  
на RT-HOST-NM-1A14 (телефонный) ☒

- Config → Interface → Modem0

IP Address: 204.53.27.130

Subnet Mask: 255.255.255.128

- Config → Global → Settings

Gateway: 204.53.27.129

- Desktop → Dial-up

Dial Modem
User Name: dialup
Password: user
Dial Number: 1111111
<input type="button" value="Dial"/>

По нажатию кнопки Dial  
устанавливается соединение.

Status: Connected

По нажатию кнопки Disconnect  
соединение обрывается

Status: Disconnected