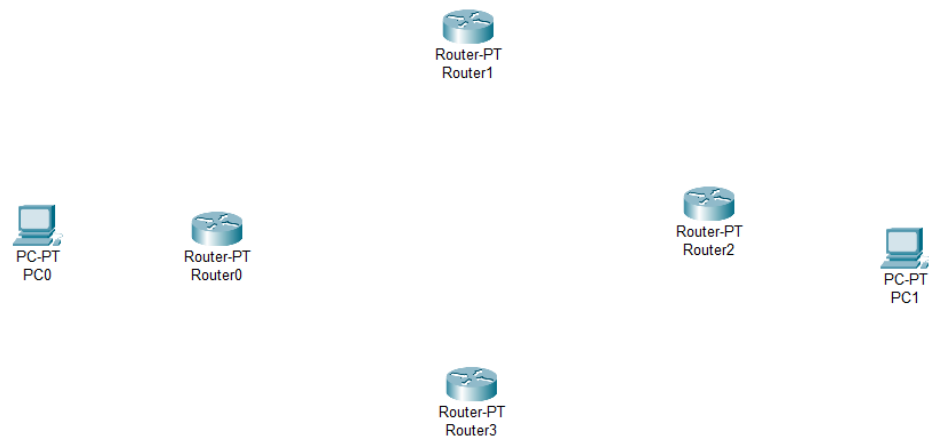


Построил сеть



Настроил айпи и шлюз у пк

PC0

Physical Config Desktop Programming Attributes

GLOBAL Settings

Algorithm Settings

INTERFACE FastEthernet0

Bluetooth

Global Settings

Display Name PC0

Interfaces FastEthernet0

Gateway/DNS IPv4

☐ DHCP

☒ Static

Default Gateway 192.168.1.100

DNS Server

Gateway/DNS IPv6

☐ Automatic

☒ Static

Default Gateway

DNS Server

Physical Config Desktop Programming Attributes

GLOBAL Settings

Algorithm Settings

INTERFACE FastEthernet0

Bluetooth

Global Settings

Display Name PC1

Interfaces FastEthernet0

Gateway/DNS IPv4

☐ DHCP

☒ Static

Default Gateway 192.168.2.100

DNS Server

Gateway/DNS IPv6

☐ Automatic

☒ Static

Default Gateway

DNS Server

PC0

Physical Config Desktop Programming Attributes

FastEthernet0

Port Status

Bandwidth 100 Mbps 10 Mbps On

Duplex Half Duplex Full Duplex Auto

MAC Address 0001 C7D0 DD53

IP Configuration

☐ DHCP

☒ Static

IPv4 Address 192.168.1.1

Subnet Mask 255.255.255.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

Link Local Address FE80:201:C7FF:FED0:DD53

PC1

Physical Config Desktop Programming Attributes

FastEthernet0

Port Status

Bandwidth 100 Mbps 10 Mbps On

Duplex Half Duplex Full Duplex Auto

MAC Address 0040 067E EACA

IP Configuration

☐ DHCP

☒ Static

IPv4 Address 192.168.2.1

Subnet Mask 255.255.255.0

IPv6 Configuration

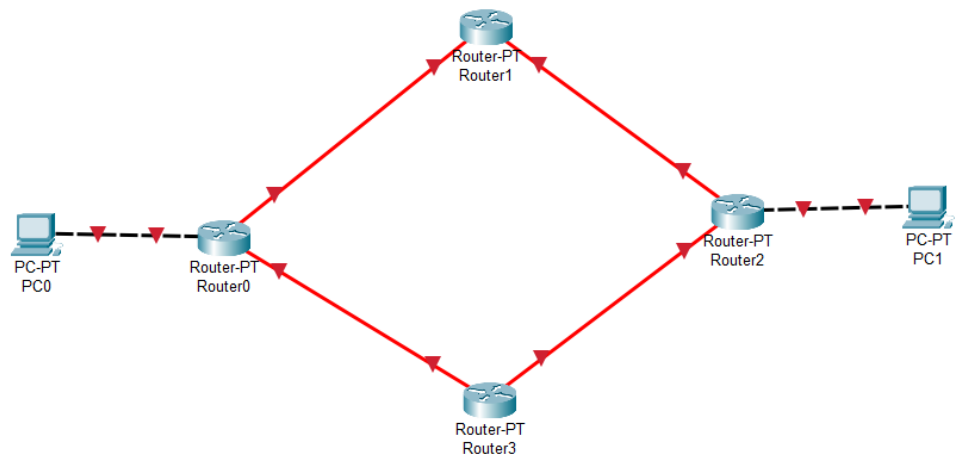
☐ Automatic

☒ Static

IPv6 Address

Link Local Address FE80:240:BFF:FE7E:EACA

Связал устройства



Настройка роутра 0

```
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int fa0/0
Router(config-if)#ip ad 192.168.1.100 255.255.255.0
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)#int fa4/0
Router(config-if)#ip ad 192.168.3.100 255.255.255.0
Router(config-if)#no sh

%LINK-5-CHANGED: Interface FastEthernet4/0, changed state to down
Router(config-if)#int fa5/0
Router(config-if)#ip ad 192.168.4.100 255.255.255.0
Router(config-if)#no sh

%LINK-5-CHANGED: Interface FastEthernet5/0, changed state to down
Router(config-if)#ro eigrp 100
Router(config-router)#net 192.168.1.0
Router(config-router)#net 192.168.3.0
Router(config-router)#net 192.168.4.0
Router(config-router)#exit
Router(config)#
```

Роутер 1

```
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int fa4/0
Router(config-if)#ip ad 192.168.3.200 255.255.255.0
Router(config-if)#no sh

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet4/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet4/0, changed state to up

Router(config-if)#int fa5/0
Router(config-if)#ip ad 192.168.5.200 255.255.255.0
Router(config-if)#no sh

%LINK-5-CHANGED: Interface FastEthernet5/0, changed state to down
Router(config-if)#ro eigrp 100
Router(config-router)#net 192.168.3.0
Router(config-router)#
%DUAL-5-NBRCHANGE: IP-EIGRP 100: Neighbor 192.168.3.100 (FastEthernet4/0) is up: new adjacency

Router(config-router)#net 192.168.5.0
Router(config-router)#exit
Router(config)#
```

Роутер 3

```
Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int fa4/0
Router(config-if)#ip ad 192.168.4.200 255.255.255.0
Router(config-if)#no sh

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet4/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet4/0, changed state to up

Router(config-if)#int fa5/0
Router(config-if)#ip ad 192.168.6.200 255.255.255.0
Router(config-if)#no sh

%LINK-5-CHANGED: Interface FastEthernet5/0, changed state to down
Router(config-if)#ro eigrp 100
Router(config-router)#net 192.168.4.0
Router(config-router)#
%DUAL-5-NBRCHANGE: IP-EIGRP 100: Neighbor 192.168.4.100 (FastEthernet4/0) is up: new adjacency

Router(config-router)#net 192.168.6.0
Router(config-router)#exit
Router(config)#
```

Роутер 2

```
Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int f0/0
Router(config-if)#ip ad 192.168.2.100 255.255.255.0
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)#int fa4/0
Router(config-if)#ip ad 192.168.5.100 255.255.255.0
Router(config-if)#no sh

Router(config-if)#
LINK-5-CHANGED: Interface FastEthernet4/0, changed state to up

LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet4/0, changed state to up

Router(config-if)#int fa5/0
Router(config-if)#ip ad 192.168.6.100 255.255.255.0
Router(config-if)#no sh

Router(config-if)#
LINK-5-CHANGED: Interface FastEthernet5/0, changed state to up

LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet5/0, changed state to up

Router(config-if)#ro eigrp 100
Router(config-router)#net 192.168.2.0
Router(config-router)#net 192.168.5.0
Router(config-router)#
DUAL-5-NBRCHANGE: IP-EIGRP 100: Neighbor 192.168.5.200 (FastEthernet4/0) is up: new adjacency

Router(config-router)#net 192.168.6.0
Router(config-router)#
DUAL-5-NBRCHANGE: IP-EIGRP 100: Neighbor 192.168.6.200 (FastEthernet5/0) is up: new adjacency

Router(config-router)#
```

Итог

