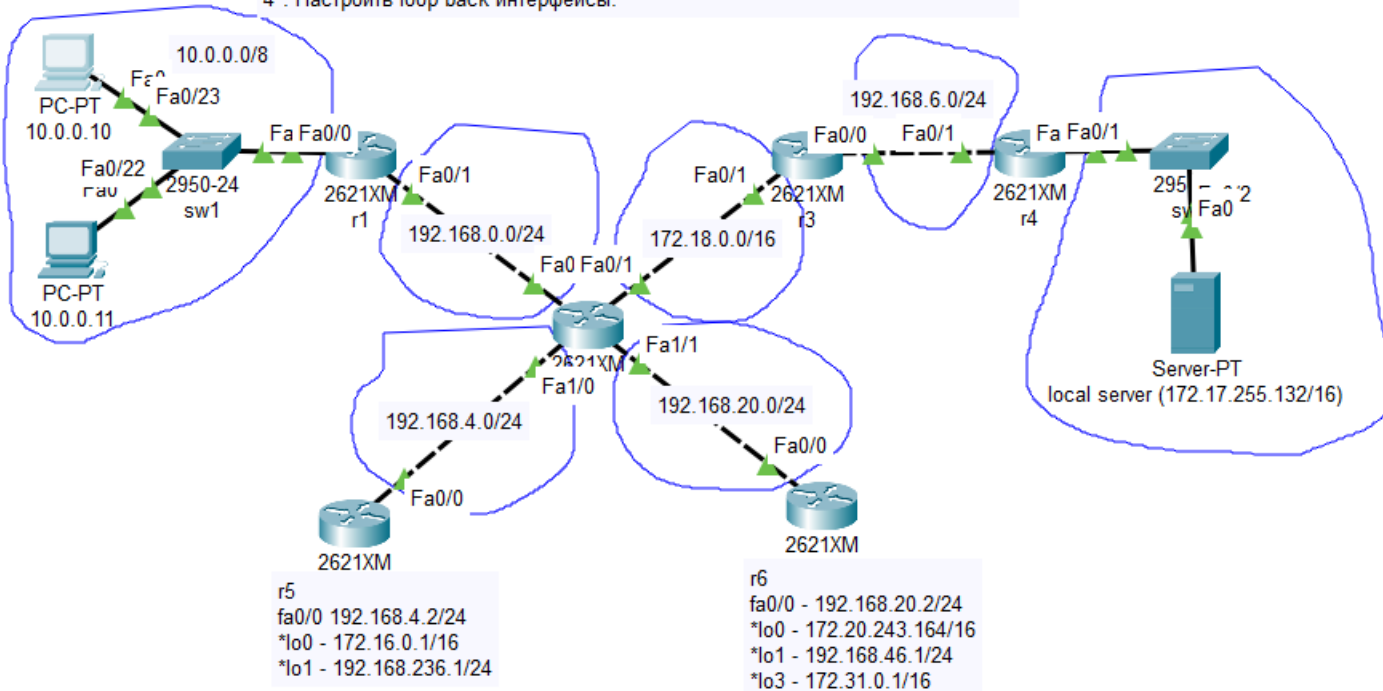


1. Настроить сеть согласно схеме.
2. Проверить работоспособность соседних сетей между собой командой ping
3. Обвести синим все broadcast домены
- 4*. Настроить loop back интерфейсы.



10.0.0.10

Physical Config Desktop Programming Attributes

Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.0.0.11

Pinging 10.0.0.11 with 32 bytes of data:

Reply from 10.0.0.11: bytes=32 time<1ms TTL=128
Reply from 10.0.0.11: bytes=32 time<1ms TTL=128
Reply from 10.0.0.11: bytes=32 time<1ms TTL=128
Reply from 10.0.0.11: bytes=32 time<1ms TTL=128

Ping statistics for 10.0.0.11:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 10.0.0.1

Pinging 10.0.0.1 with 32 bytes of data:

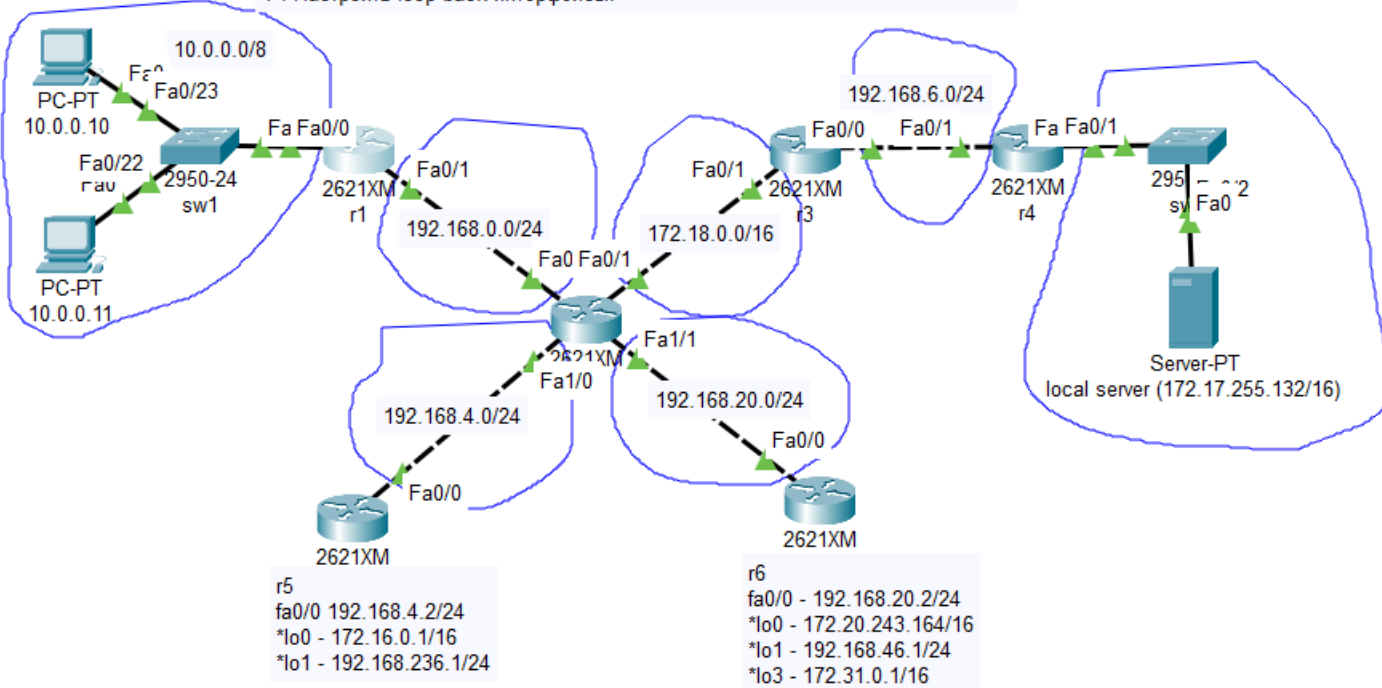
Reply from 10.0.0.1: bytes=32 time<1ms TTL=255
Reply from 10.0.0.1: bytes=32 time=1ms TTL=255
Reply from 10.0.0.1: bytes=32 time=1ms TTL=255
Reply from 10.0.0.1: bytes=32 time=1ms TTL=255

Ping statistics for 10.0.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

☐ Top

1. Настроить сеть согласно схеме.
2. Проверить работоспособность соседних сетей между собой командой ring
3. Обвести синим все broadcast домены
- 4*. Настроить loop back интерфейсы.



Router>show arp

Protocol	Address	Age (min)	Hardware Addr	Type	Interface
Internet	10.0.0.1	-	00E0.B0BD.E001	ARPA	FastEthernet0/0
Internet	10.0.0.10	33	0001.C76B.0BC6	ARPA	FastEthernet0/0
Internet	192.168.0.1	-	00E0.B0BD.E002	ARPA	FastEthernet0/1

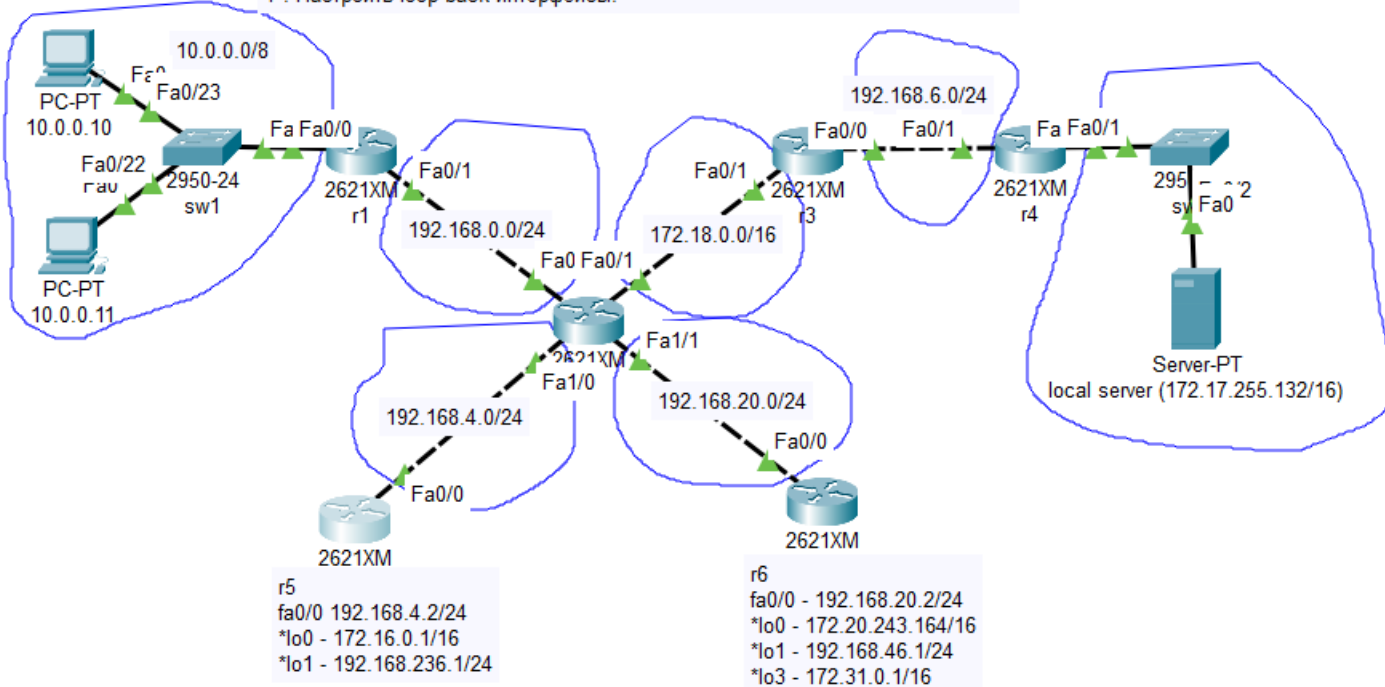
Router>show arp

Protocol	Address	Age (min)	Hardware Addr	Type	Interface
Internet	10.0.0.1	-	00E0.B0BD.E001	ARPA	FastEthernet0/0
Internet	10.0.0.10	34	0001.C76B.0BC6	ARPA	FastEthernet0/0
Internet	10.0.0.11	0	00D0.9796.2A1D	ARPA	FastEthernet0/0
Internet	192.168.0.1	-	00E0.B0BD.E002	ARPA	FastEthernet0/1

Router>

☐ Top

1. Настроить сеть согласно схеме.
2. Проверить работоспособность соседних сетей между собой командой ping
3. Обвести синим все broadcast домены
- 4*. Настроить loop back интерфейсы.



```

r5
Router(config-if)#ip address 172.16.0.1 255.255.0.0
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)#interface loopback 1

Router(config-if)#
%LINK-5-CHANGED: Interface Loopback1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Loopback1, changed state to up

Router(config-if)#ip address 192.168.236.1 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#do show ip interface brief

```

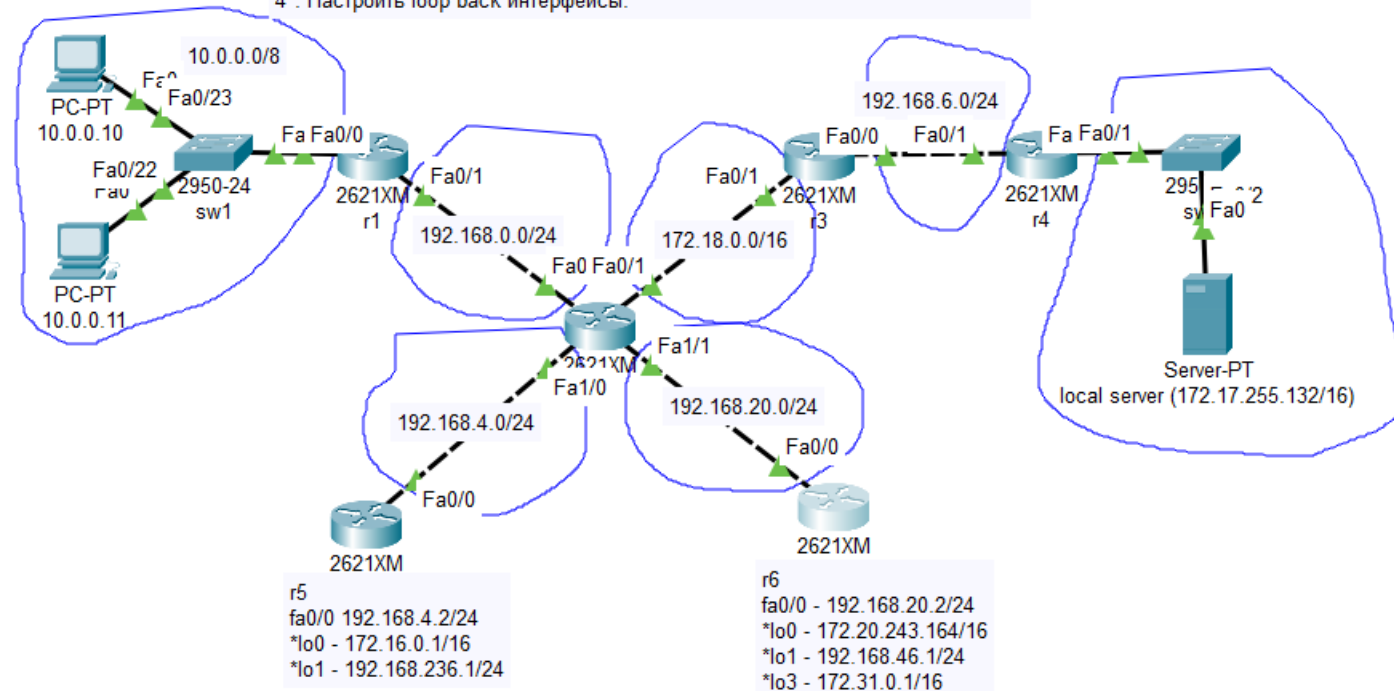
Interface	IP-Address	OK?	Method	Status	Protocol
FastEthernet0/0	192.168.4.2	YES	manual	up	up
FastEthernet0/1	unassigned	YES	unset	administratively down	down
Loopback0	172.16.0.1	YES	manual	up	up
Loopback1	192.168.236.1	YES	manual	up	up

Router(config-if)#

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1. Настроить сеть согласно схеме.
2. Проверить работоспособность соседних сетей между собой командой ping
3. Обвести синим все broadcast домены
- 4*. Настроить loop back интерфейсы.



r6
Physical
Config
CLI
Attributes

IOS Command Line Interface

```

Router(config-if)#do show ip interface brief
Interface                IP-Address      OK? Method Status      Protocol
FastEthernet0/0          192.168.20.2    YES manual up          up
FastEthernet0/1          unassigned      YES unset  administratively down down
Loopback0                 172.20.243.164  YES manual up          up
Loopback1                 192.168.46.1    YES manual up          up
Router(config-if)#ex
Router(config)#interface loopback 3

Router(config-if)#
%LINK-5-CHANGED: Interface Loopback3, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Loopback3, changed state to up

Router(config-if)#ip address 172.31.0.1 255.255.0.0
Router(config-if)#no shutdown
Router(config-if)#do show ip interface brief
Interface                IP-Address      OK? Method Status      Protocol
FastEthernet0/0          192.168.20.2    YES manual up          up
FastEthernet0/1          unassigned      YES unset  administratively down down
Loopback0                 172.20.243.164  YES manual up          up
Loopback1                 192.168.46.1    YES manual up          up
Loopback3                 172.31.0.1      YES manual up          up
Router(config-if)#write
^
% Invalid input detected at '^' marker.

Router(config-if)#do write memory
Building configuration...
[OK]
Router(config-if)#

```

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