

1. PC0 - ip address 10.1.2.1
Subnet mask 255.255.255.248
Default gateway
2. PC1 - ip address 10.1.2.9
Subnet mask 255.255.255.248
Default gateway
3. PC2 - ip address 10.1.2.17
Subnet mask 255.255.255.248
Default gateway 10.1.2.22
4. PC3 - ip address 10.1.2.25
Subnet mask 255.255.255.248
Default gateway 10.1.2.30
5. PC4 - ip address 10.1.2.26
Subnet mask 255.255.255.248
Default gateway 10.1.2.30
6. PC5 - ip address 10.1.2.33
Subnet mask 255.255.255.248
Default gateway 10.1.2.38
7. PC6 - ip address 10.1.2.41
Subnet mask 255.255.255.248
Default gateway 10.1.2.46

Коммутаторы

15 июня 2023 г. 19:07

1. SW-L

```
interface FastEthernet0/2
  switchport access vlan 3
  switchport mode access
!
interface FastEthernet0/3
  switchport access vlan 2
  switchport mode access
```

2. SW-D

```
interface FastEthernet0/2
  switchport access vlan 5
  switchport mode access
!
interface FastEthernet0/3
  switchport access vlan 4
  switchport mode access
!
interface FastEthernet0/4
  switchport access vlan 5
  switchport mode access
```

```
interface Vlan5
  ip address 10.1.2.27 255.255.255.248
```

1. SW-R

```
interface Vlan7
  ip address 10.1.2.42 255.255.255.248
```

```
interface FastEthernet0/2
  switchport access vlan 7
  switchport mode access
```

2. L3 switch

```
interface Vlan1
  ip address 10.1.2.50 255.255.255.248
!
interface Vlan4
  mac-address 0060.2fca.e101
  ip address 10.1.2.22 255.255.255.248
!
interface Vlan5
  mac-address 0060.2fca.e102
  ip address 10.1.2.30 255.255.255.248
!
ip classless
ip route 10.1.2.0 255.255.255.240 10.1.2.49
ip route 10.1.2.32 255.255.255.240 10.1.2.51
```

Роутеры

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1. Rtr-l

```
interface GigabitEthernet0/0/0
 ip address 10.1.2.49 255.255.255.248
 duplex auto
 speed auto
!
interface GigabitEthernet0/0/1
 no ip address
 duplex auto
 speed auto
!
interface GigabitEthernet0/0/1.2
 encapsulation dot1Q 2
 ip address 10.1.2.6 255.255.255.248
!
interface GigabitEthernet0/0/1.3
 encapsulation dot1Q 3
 ip address 10.1.2.14 255.255.255.248
!
interface Vlan1
 no ip address
 shutdown
!
ip classless
ip route 10.1.2.16 255.255.255.240 10.1.2.50
ip route 10.1.2.32 255.255.255.240 10.1.2.51
```

1. Rtr-r

```
interface GigabitEthernet0/0/0
 ip address 10.1.2.51 255.255.255.248
 duplex auto
 speed auto
!
interface GigabitEthernet0/0/1
 no ip address
 duplex auto
 speed auto
!
interface GigabitEthernet0/0/1.6
 encapsulation dot1Q 6
 ip address 10.1.2.38 255.255.255.248
!
interface GigabitEthernet0/0/1.7
 encapsulation dot1Q 7
 ip address 10.1.2.46 255.255.255.248
!
interface Vlan1
 no ip address
 shutdown
!
ip classless
ip route 10.1.2.0 255.255.255.240 10.1.2.49
ip route 10.1.2.16 255.255.255.240 10.1.2.50
```