Урок 6. Отчет по домашнему заданию

1. Настройки Router0

```
Router>enable
Router#show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
* - candidate default, U - per-user static route, o - ODR
P - periodic downloaded static route

Gateway of last resort is not set

10.0.0.0/24 is subnetted, 3 subnets
C 10.0.1.0 is directly connected, FastEthernet0/0
R 10.0.2.0 [120/1] via 172.17.0.2, 00:00:07, FastEthernet4/0
R 10.0.3.0 [120/1] via 172.16.0.2, 00:00:03, FastEthernet5/0
C 172.16.0.0/16 is directly connected, FastEthernet5/0
C 172.17.0.0/16 is directly connected, FastEthernet4/0
R 172.18.0.0/16 [120/1] via 172.17.0.2, 00:00:07, FastEthernet4/0
[120/1] via 172.16.0.2, 00:00:03, FastEthernet5/0

Router#show run
Building configuration...

Current configuration : 957 bytes
!
version 12.2
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Router
!
ip dhcp pool pool.10.0.1
network 10.0.1.0 255.255.255.0
default-router 10.0.1.1
dns-server 8.8.8.8
!
ip cef
no ipv6 cef
!
interface FastEthernet0/0
ip address 10.0.1.1 255.255.255.0
duplex auto
speed auto
!
```

```
interface FastEthernet1/0
no ip address
duplex auto
speed auto
shutdown
!
interface Serial2/0
no ip address
clock rate 2000000
shutdown
!
interface Serial3/0
no ip address
clock rate 2000000
shutdown
!
interface FastEthernet4/0
ip address 172.17.0.1 255.255.0.0
!
interface FastEthernet5/0
ip address 172.16.0.1 255.255.0.0
!
router rip
version 2
network 10.0.0.0
network 172.16.0.0
network 172.17.0.0
no auto-summary
!
ip classless
!
ip flow-export version 9
!
line con 0
!
line aux 0
!
line vty 0 4
login
!
end
```

2. Настройки Router1

```
Router>enable
Router#show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
* - candidate default, U - per-user static route, o - ODR
P - periodic downloaded static route

Gateway of last resort is not set

10.0.0.0/24 is subnetted, 3 subnets
R    10.0.1.0 [120/1] via 172.17.0.1, 00:00:24, FastEthernet4/0
C    10.0.2.0 is directly connected, FastEthernet0/0
R    10.0.3.0 [120/1] via 172.18.0.2, 00:00:21, FastEthernet5/0
R    172.16.0.0/16 [120/1] via 172.18.0.2, 00:00:21, FastEthernet5/0
              [120/1] via 172.17.0.1, 00:00:24, FastEthernet4/0
C    172.17.0.0/16 is directly connected, FastEthernet4/0
C    172.18.0.0/16 is directly connected, FastEthernet5/0

Router#show run
Building configuration...

Current configuration : 957 bytes
!
version 12.2
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Router
!
ip dhcp pool pool.10.0.2
 network 10.0.2.0 255.255.255.0
 default-router 10.0.2.1
 dns-server 8.8.8.8
!
ip cef
no ipv6 cef
!
interface FastEthernet0/0
 ip address 10.0.2.1 255.255.255.0
 duplex auto
 speed auto
!
interface FastEthernet1/0
 no ip address
 duplex auto
 speed auto
```

```
shutdown
!
interface Serial2/0
no ip address
clock rate 2000000
shutdown
!
interface Serial3/0
no ip address
clock rate 2000000
shutdown
!
interface FastEthernet4/0
ip address 172.17.0.2 255.255.0.0
!
interface FastEthernet5/0
ip address 172.18.0.1 255.255.0.0
!
router rip
version 2
network 10.0.0.0
network 172.17.0.0
network 172.18.0.0
no auto-summary
!
ip classless
!
ip flow-export version 9
!
line con 0
!
line aux 0
!
line vty 0 4
login
!
!
!
end
```

3. Настройки Router2

```
Router>enable
Router#show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
* - candidate default, U - per-user static route, o - ODR
P - periodic downloaded static route

Gateway of last resort is not set

10.0.0.0/24 is subnetted, 3 subnets
R 10.0.1.0 [120/1] via 172.16.0.1, 00:00:13, FastEthernet5/0
R 10.0.2.0 [120/1] via 172.18.0.1, 00:00:06, FastEthernet4/0
C 10.0.3.0 is directly connected, FastEthernet0/0
C 172.16.0.0/16 is directly connected, FastEthernet5/0
R 172.17.0.0/16 [120/1] via 172.18.0.1, 00:00:06, FastEthernet4/0
[120/1] via 172.16.0.1, 00:00:13, FastEthernet5/0
C 172.18.0.0/16 is directly connected, FastEthernet4/0

Router#show run
Building configuration...

Current configuration : 957 bytes
!
version 12.2
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Router
!
ip dhcp pool pool.10.0.3
network 10.0.3.0 255.255.255.0
default-router 10.0.3.1
dns-server 8.8.8.8
!
ip cef
no ipv6 cef
!
interface FastEthernet0/0
ip address 10.0.3.1 255.255.255.0
duplex auto
speed auto
!
```

```
interface FastEthernet1/0
no ip address
duplex auto
speed auto
shutdown
!
interface Serial2/0
no ip address
clock rate 2000000
shutdown
!
interface Serial3/0
no ip address
clock rate 2000000
shutdown
!
interface FastEthernet4/0
ip address 172.18.0.2 255.255.0.0
!
interface FastEthernet5/0
ip address 172.16.0.2 255.255.0.0
!
router rip
version 2
network 10.0.0.0
network 172.16.0.0
network 172.18.0.0
no auto-summary
!
ip classless
!
ip flow-export version 9
!
line con 0
!
line aux 0
!
line vty 0 4
login
!
end
```