
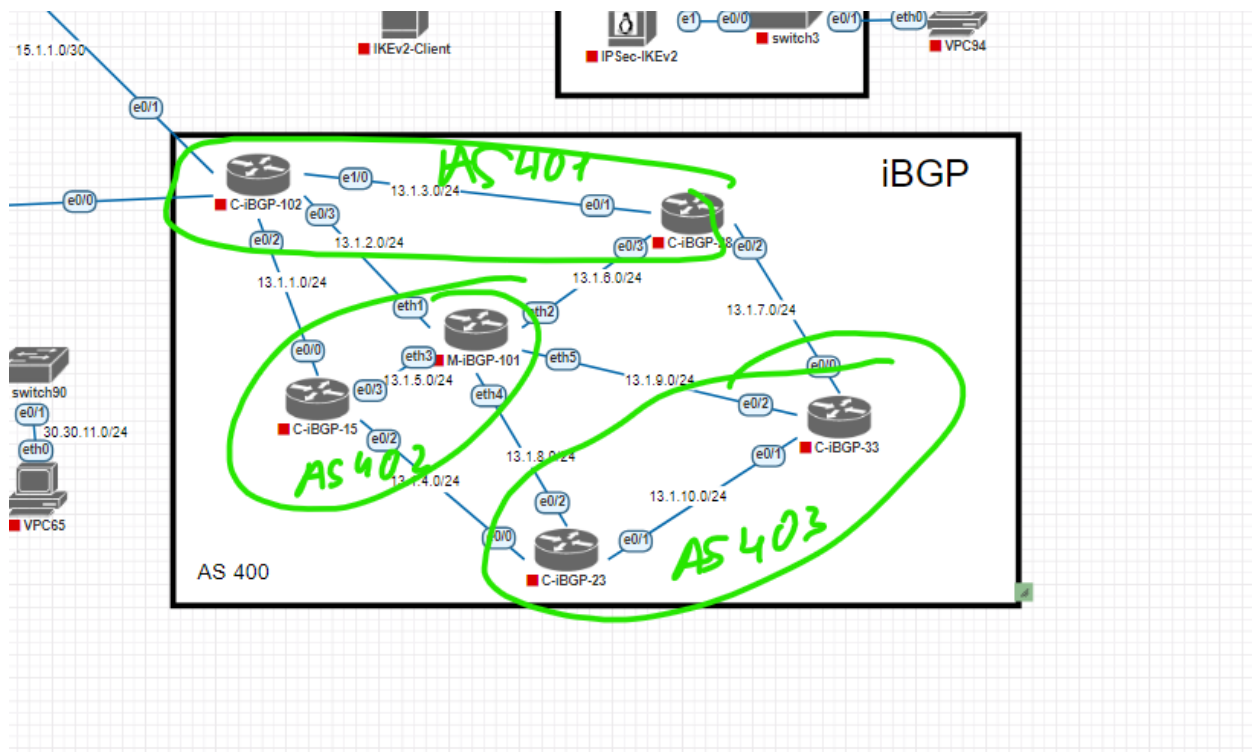
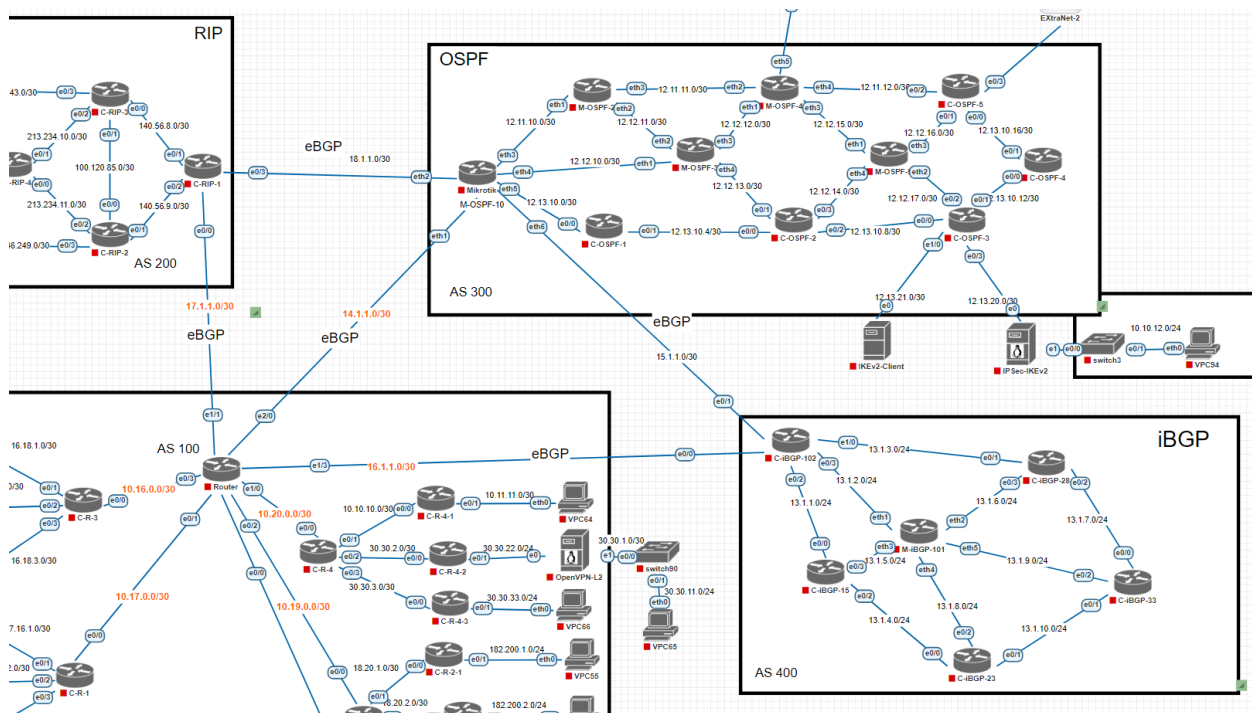




Практика 4, BGP

Owner	 sl4sh73r
Verification	Verified
Tags	Network



▼ C-iBGP-102

```
en
conf t
hostname LMySlivets-C-iBGP-102
int range e0/2-3, e1/0
no shutdown
int e0/0
ip addr 16.209.1.2 255.255.255.252
int e0/1
ip addr 15.209.1.1 255.255.255.252
int e0/2
ip addr 13.209.1.102 255.255.255.0
int e0/3
ip addr 13.209.2.102 255.255.255.0
int e1/0
ip addr 13.209.3.102 255.255.255.0
do wr

router bgp 401
no synchronization
bgp log-neighbor-changes
bgp confederation identifier 400
bgp confederation peers 402
network 13.209.3.0 mask 255.255.255.0
neighbor 13.209.3.28 remote-as 401
network 13.209.1.0 mask 255.255.255.0
network 13.209.2.0 mask 255.255.255.0
neighbor 13.209.1.15 remote-as 402
neighbor 13.209.2.101 remote-as 402
neighbor 13.209.2.101 next-hop-self
network 16.209.1.0 mask 255.255.255.0
network 15.209.1.0 mask 255.255.255.0
neighbor 15.209.1.2 remote-as 300
neighbor 16.209.1.1 remote-as 100

redistribute connected
```

```
default-metric 1
no auto-summary
```

▼ C-iBGP-15

```
en
conf t
hostname LMySlivets-C-iBGP-15
int range e0/0,e0/2,e0/3
no shutdown
int e0/0
ip addr 13.209.1.15 255.255.255.0
int e0/2
ip addr 13.209.4.15 255.255.255.0
int e0/3
ip addr 13.209.5.15 255.255.255.0
do wr

router bgp 402
no synchronization
bgp log-neighbor-changes
bgp confederation identifier 400

bgp confederation peers 401
bgp confederation peers 403
network 13.209.1.0 mask 255.255.255.0
network 13.209.4.0 mask 255.255.255.0
network 13.209.5.0 mask 255.255.255.0
neighbor 13.209.1.102 remote-as 401
neighbor 13.209.5.101 remote-as 402
neighbor 13.209.5.101 next-hop-self
neighbor 13.209.4.23 remote-as 403
no auto-summary
```

▼ C-iBGP-28

```
en
conf t
hostname LMySlivets-C-iBGP-28
int range e0/1-3
no shutdown
int e0/1
ip addr 13.209.3.28 255.255.255.0
int e0/2
ip addr 13.209.7.28 255.255.255.0
int e0/3
ip addr 13.209.6.28 255.255.255.0
do wr

router bgp 401
no synchronization
bgp log-neighbor-changes
bgp confederation identifier 400
bgp confederation peers 402
bgp confederation peers 403
network 13.209.3.0 mask 255.255.255.0
network 13.209.7.0 mask 255.255.255.0
network 13.209.6.0 mask 255.255.255.0
neighbor 13.209.3.102 remote-as 401
neighbor 13.209.7.33 remote-as 403
neighbor 13.209.6.101 remote-as 402
neighbor 13.209.6.101 next-hop-self
no auto-summary
```

▼ C-iBGP-23

```
en
conf t
hostname LMySlivets-C-iBGP-23
```

```
int range e0/0-2
no shutdown
int e0/0
ip addr 13.209.4.23 255.255.255.0
int e0/1
ip addr 13.209.10.23 255.255.255.0
int e0/2
ip addr 13.209.8.23 255.255.255.0
do wr

router bgp 403
no synchronization
bgp log-neighbor-changes
bgp confederation identifier 400
bgp confederation peers 402

network 13.209.4.0 mask 255.255.255.0
network 13.209.8.0 mask 255.255.255.0
network 13.209.10.0 mask 255.255.255.0
neighbor 13.209.4.15 remote-as 402
neighbor 13.209.8.101 remote-as 402
neighbor 13.209.8.101 next-hop-self
neighbor 13.209.10.33 remote-as 403
no auto-summary
```

▼ C-iBGP-33

```
en
conf t
hostname LMySlivets-C-iBGP-33
int range e0/0-2
no shutdown
int e0/0
ip addr 13.209.7.33 255.255.255.0
int e0/2
```

```

ip addr 13.209.9.33 255.255.255.0
int e0/1
ip addr 13.209.10.33 255.255.255.0
do wr

router bgp 403
no synchronization
bgp log-neighbor-changes
bgp confederation identifier 400
bgp confederation peers 401
bgp confederation peers 402

network 13.209.7.0 mask 255.255.255.0
network 13.209.9.0 mask 255.255.255.0
network 13.209.10.0 mask 255.255.255.0
neighbor 13.209.7.28 remote-as 401
neighbor 13.209.9.101 remote-as 402
neighbor 13.209.9.101 next-hop-self
neighbor 13.209.10.23 remote-as 403

```

▼ M-iBGP-101

```

/system identity set name=LMySlivets-M-iBGP-101
/ip address add interface=ether1 address=13.209.2.101/24 disabled
/ip address add interface=ether2 address=13.209.5.101/24 disabled
/ip address add interface=ether3 address=13.209.8.101/24 disabled
/ip address add interface=ether4 address=13.209.9.101/24 disabled
/ip address add interface=ether5 address=13.209.6.101/24 disabled
/interface bridge add name=loopback0
/ip address add interface=loopback0 address=9.9.9.9/32 disabled

/routing bgp instance set default as=400 router-id=9.9.9.9

/routing bgp network add network=13.209.2.0/24

```

```

/routing bgp network add network=13.209.5.0/24
/routing bgp network add network=13.209.8.0/24
/routing bgp network add network=13.209.9.0/24
/routing bgp network add network=13.209.6.0/24

/routing bgp peer add name=peer1 remote-address=13.209.2.102
/routing bgp peer add name=peer2 remote-address=13.209.6.28
/routing bgp peer add name=peer3 remote-address=13.209.5.15
/routing bgp peer add name=peer4 remote-address=13.209.8.23
/routing bgp peer add name=peer5 remote-address=13.209.9.33

```

▼ M-iBGP-101-rework

```

/system identity set name=LMySlivets-M-iBGP-101
/ip address add interface=ether1 address=13.209.2.101/24 disabled
/ip address add interface=ether2 address=13.209.6.101/24 disabled
/ip address add interface=ether3 address=13.209.5.101/24 disabled
/ip address add interface=ether4 address=13.209.8.101/24 disabled
/ip address add interface=ether5 address=13.209.9.101/24 disabled

/interface bridge add name=loopback0
/ip address add interface=loopback0 address=9.9.9.9/32 disabled
/routing bgp instance set 0 as=402 router-id=9.9.9.9
/routing bgp instance set 0 confederation=400
/routing bgp instance set 0 confederation-peers=401,403
/routing bgp network add network=13.209.2.0/24
/routing bgp network add network=13.209.5.0/24
/routing bgp network add network=13.209.8.0/24
/routing bgp network add network=13.209.9.0/24
/routing bgp network add network=13.209.6.0/24

/routing bgp peer add name=peer1 remote-address=13.209.2.102
/routing bgp peer add name=peer2 remote-address=13.209.5.15
/routing bgp peer add name=peer3 remote-address=13.209.8.23

```



```
/routing bgp peer add name=peer4 remote-address=13.209.9.33 i  
/routing bgp peer add name=peer5 remote-address=13.209.6.28 i
```

▼ Main-Router

```
en  
conf t  
router bgp 100  
network 16.209.1.0 mask 255.255.255.252  
neighbor 16.209.1.2 remote-as 400  
do wr  
end
```



Network БББО-01-

21 (КБ-2) Myslivets Leonid 19 Лабораторная-4 МИРЭА-2023