

# Primary secondary IPv4 ESR

IPv4 ( 8-):

```
interface gigabitethernet 1/0/20
 ip firewall disable
 ip address 192.0.2.1/24
 ip address 192.0.2.254/24
 ip address 192.0.2.10/30
 exit
```

IPv4 , , primary. 192.0.2.1 192.0.2.10.

IPv4 /24 - secondary , - 192.0.2.254.

VRRP, source ip, :

```
interface gigabitethernet 1/0/20
 ip firewall disable
 ip address 192.0.2.1/24
 ip address 192.0.2.254/24
 ip address 192.0.2.10/30
 vrrp id 100
 vrrp ip 192.0.2.2
 vrrp
 exit
```

vrrp ip IPv4 , , monitor ( IP ... VRRP 224.0.0.18):

```
esr# monitor gigabitethernet 1/0/20 destination-address 224.0.0.18
17:19:13.591043 00:00:5e:00:01:64 > 01:00:5e:00:00:12, ethertype IPv4 (0x0800), length 54: (tos 0xc0, ttl 255, id 18, offset 0, flags [none], proto VRRP (112), length 40)
192.0.2.1 > 224.0.0.18: vrrp 192.0.2.1 > 224.0.0.18: VRRPv2, Advertisement, vrid 100, prio 100, authtype none, intvl 1s, length 20, addrs: 192.0.2.2
17:19:14.592882 00:00:5e:00:01:64 > 01:00:5e:00:00:12, ethertype IPv4 (0x0800), length 54: (tos 0xc0, ttl 255, id 19, offset 0, flags [none], proto VRRP (112), length 40)
192.0.2.1 > 224.0.0.18: vrrp 192.0.2.1 > 224.0.0.18: VRRPv2, Advertisement, vrid 100, prio 100, authtype none, intvl 1s, length 20, addrs: 192.0.2.2
17:19:15.593250 00:00:5e:00:01:64 > 01:00:5e:00:00:12, ethertype IPv4 (0x0800), length 54: (tos 0xc0, ttl 255, id 20, offset 0, flags [none], proto VRRP (112), length 40)
192.0.2.1 > 224.0.0.18: vrrp 192.0.2.1 > 224.0.0.18: VRRPv2, Advertisement, vrid 100, prio 100, authtype none, intvl 1s, length 20, addrs: 192.0.2.2

3 packets captured
3 packets received by filter
0 packets dropped by kernel
```

primary - 192.0.2.1, : ping, traceroute ..

 primary secondary IP .