به نام خدا

گزارش کار آزمایش شماره 7 قسمت 2

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سوال 2:

زیرشبکه‌های زیر به Router متصل هستند:

```
C>* 10.10.11.0/24 is directly connected, r1-eth3
C>* 10.10.12.0/24 is directly connected, r1-eth1
C>* 10.10.14.0/24 is directly connected, r1-eth2
C>* 127.0.0.0/8 is directly connected, lo
```

سوال 3:

```
Interface lo is up, line protocol detection is disabled
  index 1 metric 1 mtu 65536
  flags: <UP,LOOPBACK,RUNNING>
  inet 127.0.0.1/8
  inet6 ::1/128
Interface r3-eth1 is up, line protocol detection is disabled
  index 94 metric 1 mtu 1500
  flags: <UP,BROADCAST,RUNNING,MULTICAST>
  HWaddr: 9a:e1:f8:2f:cd:35
  inet 10.10.23.3/24 broadcast 10.10.23.255
  inet6 fe80::98e1:f8ff:fe2f:cd35/64
Interface r3-eth2 is up, line protocol detection is disabled
  index 108 metric 1 mtu 1500
  flags: <UP,BROADCAST,RUNNING,MULTICAST>
  HWaddr: 6a:3a:2d:65:5c:2b
  inet 10.10.35.3/24 broadcast 10.10.35.255
  inet6 fe80::683a:2dff:fe65:5c2b/64
```

دو اینترفیس r3-eth1 و r3-eth2 وجود دارند که به ترتیب به subnetهای 10.10.23.0/24 و 10.10.35.0/24 متصل هستند.

```
r3> enable
Password:
r3# show running-config

Current configuration:
!
hostname r3
password quagga
enable password quagga
log file /home/mininet/lab12/configs/r3/logs/zebra.log
!
debug zebra packet
!
interface lo
!
interface r3-eth1
 ip address 10.10.23.3/24
 ipv6 nd suppress-ra
!
interface r3-eth2
 ip address 10.10.35.3/24
 ipv6 nd suppress-ra
!
!
!
line vty
!
end
```

```
root@r4:/# telnet localhost zebra
Trying 127.0.0.1...
Connected to localhost.
Escape character is '^]'.

Hello, this is Quagga (version 0.99.22.4).
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User Access Verification

Password:
r4> enable
Password:
r4# configure terminal
r4(config)# interface r4-eth2
r4(config-if)# ip address 10.10.45.4/24
r4(config-if)# exit
r4(config)# exit
```