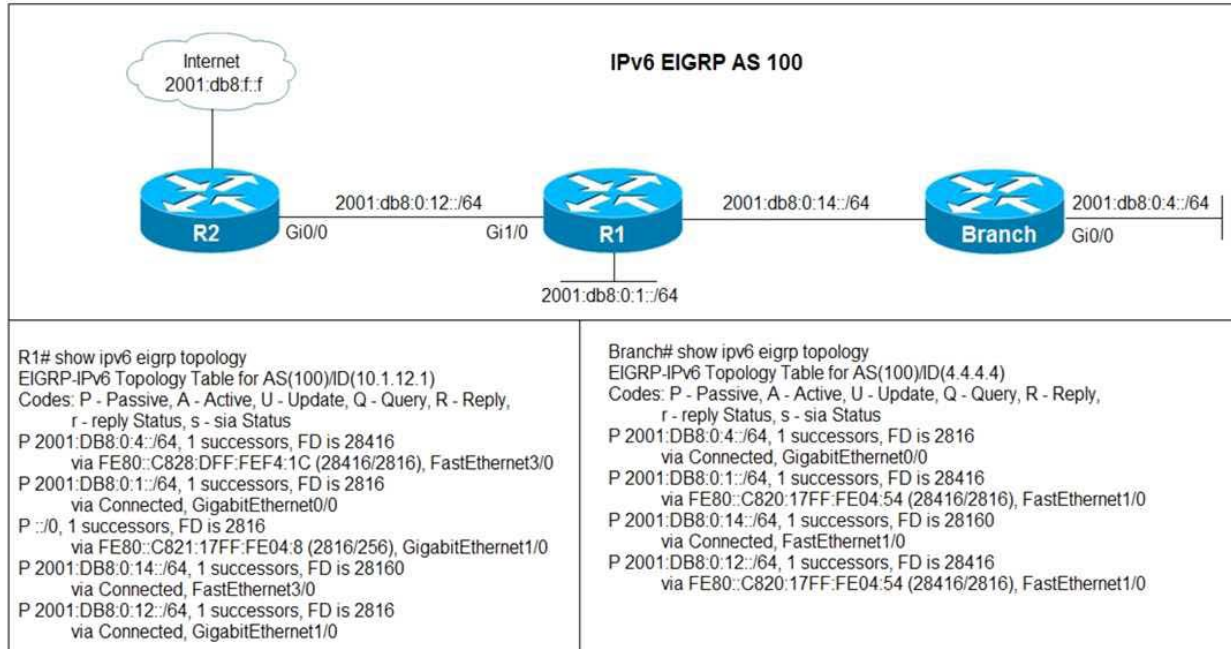


# Latest Version: 27.0

## Question: 1

Refer to the exhibit.



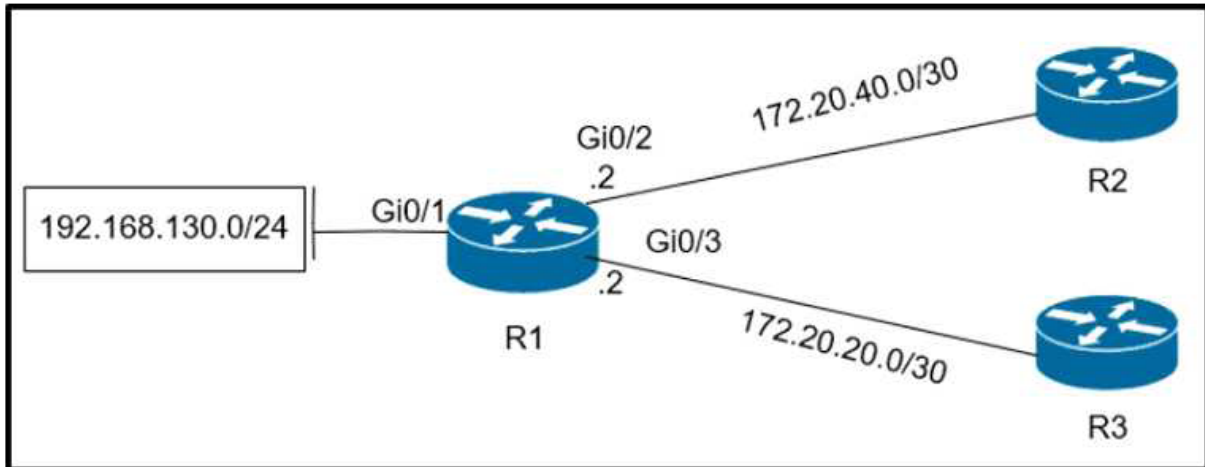
Users in the branch network of 2001:db8:0:4::/64 report that they cannot access the Internet. Which command is issued in IPv6 router EIGRP 100 configuration mode to solve this issue?

- A. Issue the eigrp stub command on R1
- B. Issue the no neighbor stub command on R2.
- C. Issue the eigrp command on R2.
- D. Issue the no eigrp stub command on R2.

**Answer: B**

## Question: 2

Refer to the exhibit.



Which configuration configures a policy on R1 to forward any traffic that is sourced from the 192.168.130.0/24 network to R2?

- A. **access-list 1 permit 192.168.130.0 0.0.0.255**  
 !  
**interface Gi0/2**  
**ip policy route-map test**  
 !  
**route-map test permit 10**  
**match ip address 1**  
**set ip next-hop 172.20.20.2**
- B. **access-list 1 permit 192.168.130.0 0.0.0.255**  
 !  
**interface Gi0/1**  
**ip policy route-map test**  
 !  
**route-map test permit 10**  
**match ip address 1**  
**set ip next-hop 172.20.40.2**

- C. **access-list 1 permit 192.168.130.0 0.0.0.255**  
!  
**interface Gi0/2**  
**ip policy route-map test**  
!  
**route-map test permit 10**  
**match ip address 1**  
**set ip next-hop 172.20.20.1**
- D. **access-list 1 permit 192.168.130.0 0.0.0.255**  
!  
**interface Gi0/1**  
**ip policy route-map test**  
!  
**route-map test permit 10**  
**match ip address 1**  
**set ip next-hop 172.20.40.1**

- A. Option A  
B. Option B  
C. Option C  
D. Option D

**Answer: D**

### Question: 3

R2 has a locally originated prefix 192.168.130.0/24 and has these configurations:

```
ip prefix-list test seq 5 permit 192.168.130.0/24  
!  
route-map OUT permit10  
match ip address prefix-list test  
set as-path prepend 65000
```

What is the result when the route-map OUT command is applied toward an eBGP neighbor R1 (1.1.1.1) by using the neighbor 1.1.1.1 route-map OUT out command?

- A. R1 sees 192.168.130.0/24 as two AS hops away instead of one AS hop away.  
B. R1 does not accept any routes other than 192.168.130.0/24  
C. R1 does not forward traffic that is destined for 192.168.30.0/24  
D. Network 192.168.130.0/24 is not allowed in the R1 table

---

**Answer: A**

**Question: 4**

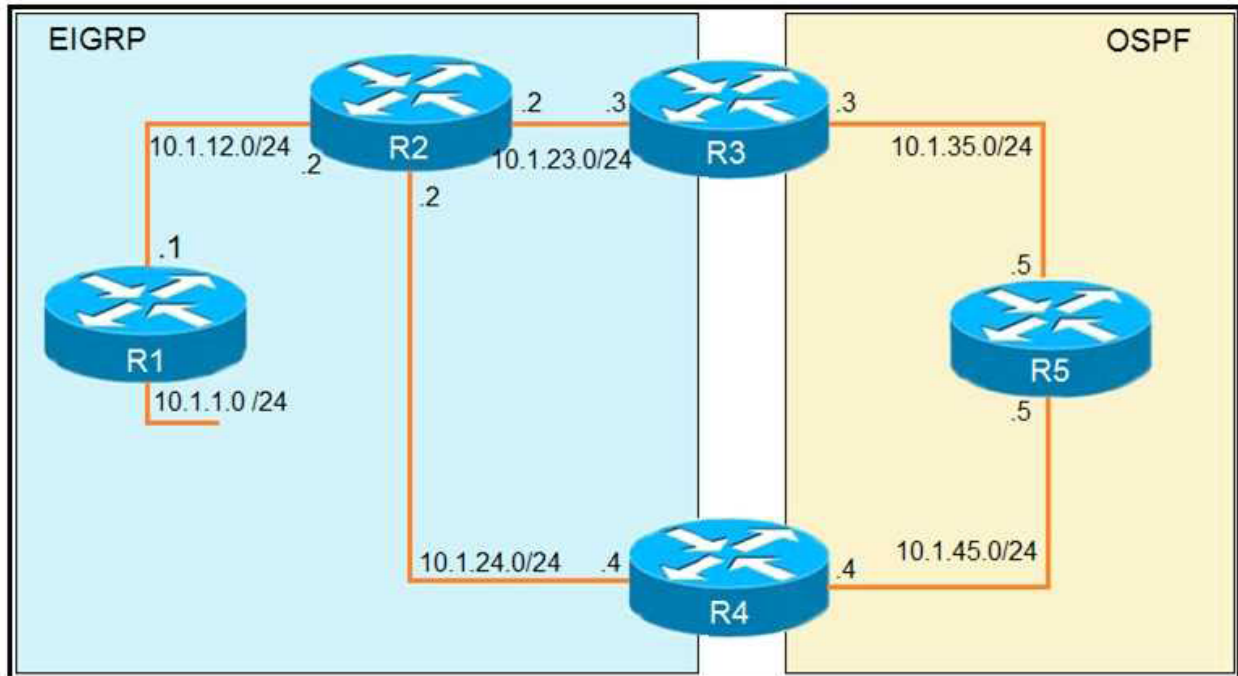
Which method changes the forwarding decision that a router makes without first changing the routing table or influencing the IP data plane?

- A. nonbroadcast multiaccess
- B. packet switching
- C. policy-based routing
- D. forwarding information base

**Answer: C**

**Question: 5**

Refer to the exhibit.



```

R1
router eigrp 1
 redistribute connected
 network 10.1.12.1 0.0.0.0

R3
router ospf 1
 redistribute eigrp 1 subnets
 network 10.1.35.3 0.0.0.0 area 0

R4
router eigrp 1
 redistribute ospf 1 metric 2000000 1 255 1 1500
!
router ospf 1
 network 10.1.45.4 0.0.0.0 area 0

R5#traceroute 10.1.1.1

Type escape sequence to abort.
Tracing the route to 10.1.1.1

 1 10.1.35.3 80 msec 44 msec 20 msec
 2 10.1.23.2 44 msec 104 msec 64 msec
 3 10.1.24.4 44 msec 64 msec 40 msec
 4 10.1.45.5 24 msec 40 msec 20 msec
 5 10.1.35.3 92 msec 144 msec 148 msec
 6 10.1.23.2 108 msec 76 msec 80 msec
    <output truncated>
  
```

The output of the trace route from R5 shows a loop in the network. Which configuration prevents this loop?

---

A)

R3

```
router ospf 1
 redistribute eigrp 1 subnets route-map SET-TAG
 !
 route-map SET-TAG permit 10
  set tag 1
```

R4

```
router eigrp 1
 redistribute ospf 1 metric 2000000 1 255 1 1500 route-map FILTER-TAG
 !
 route-map FILTER-TAG deny 10
  match tag 1
 !
 route-map FILTER-TAG permit 20
```

B)

R3

```
router eigrp 1
 redistribute OSPF 1 route-map SET-TAG
 !
 route-map SET-TAG permit 10
  set tag 1
```

R4

```
router eigrp 1
 redistribute ospf 1 metric 2000000 1 255 1 1500 route-map FILTER-TAG
 network 10.1.24.4 0.0.0.0
 !
 route-map FILTER-TAG deny 10
  match tag 1
 !
 route-map FILTER-TAG permit 20
```

C)

---

R3  
router ospf 1  
  redistribute eigrp 1 subnets route-map SET-TAG  
!  
route-map SET-TAG permit 10  
  set tag 1

R4  
router eigrp 1  
  redistribute ospf 1 metric 2000000 1 255 1 1500 route-map FILTER-TAG  
!  
route-map FILTER-TAG permit 10  
  match tag 1

D)  
R3  
router ospf 1  
  redistribute eigrp 1 subnets route-map SET-TAG  
!  
route-map SET-TAG deny 10  
  set tag 1

R4  
router eigrp 1  
  redistribute ospf 1 metric 2000000 1 255 1 1500 route-map FILTER-TAG  
!  
route-map FILTER-TAG deny 10  
  match tag 1

- A. Option A
- B. Option B
- C. Option C
- D. Option D

<b>Answer: B</b>
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