4A0-102Q&As

Alcatel-Lucent Border Gateway Protocol

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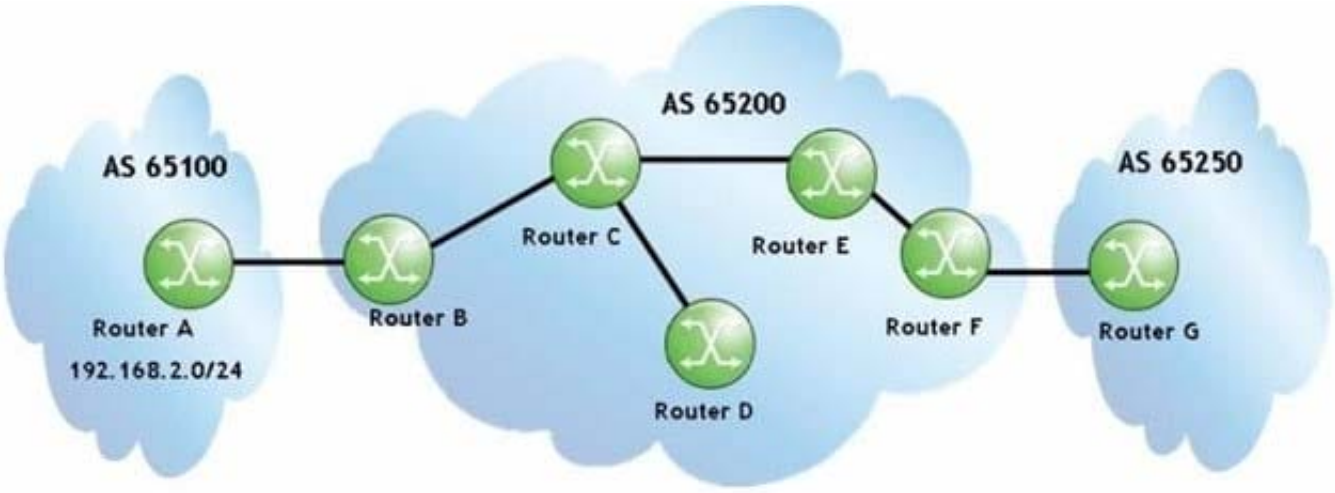
QUESTION 1

Click the exhibit.



Routers C and E are route reflectors. When the update for prefix 192.168.2.0/24 is received at router F, what will be the Originator_ID attribute?

A. The router ID of router A.

B. The router ID of router B.

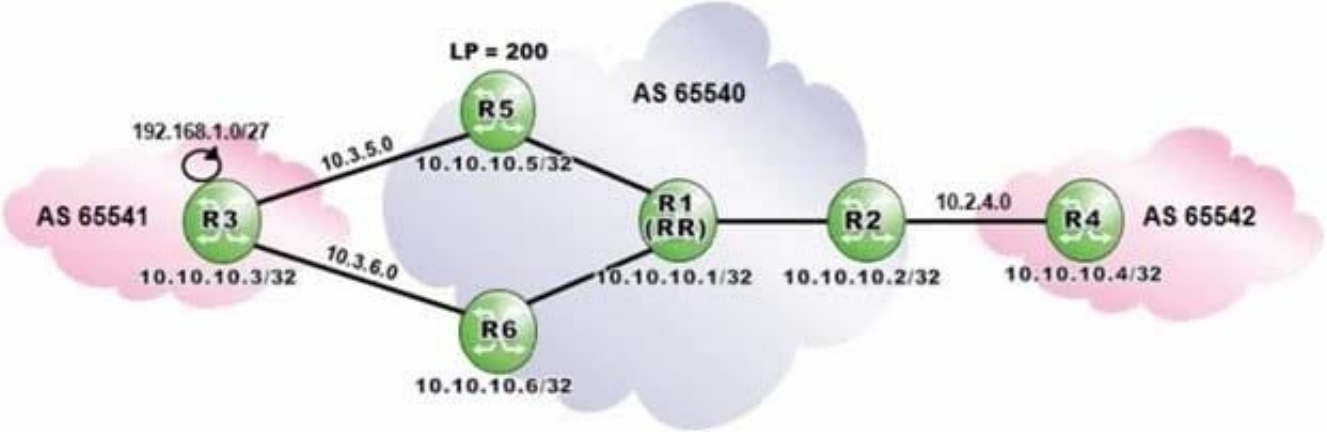
C. The router ID of router C.

D. It will not be set.

Correct Answer: B

QUESTION 2

Click the exhibit.



Router R1 is a route reflector with clients R2, R5 and R6. Prefixes advertised by router R5 have a local preference of 200. Router R3 advertises the prefix 192.168.1.0/27 to routers R5 and R6.

Assuming that none of the routers in AS 65540 is configured with "advertise-external", what is the expected output of "show router bgp routes" on router R5?

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C

QUESTION 3

What kind of BGP attribute is the Multi_Exit_Disc?

A. Optional transitive attribute.

B. Optional non-transitive attribute.

C. Well-known mandatory attribute.

D. Well-known discretionary attribute.

Correct Answer: B

QUESTION 4

Which of the following is considered a best practice for BGP address planning?

A. Advertising external networks into IGP.

B. Using system addresses for setting up iBGP sessions.

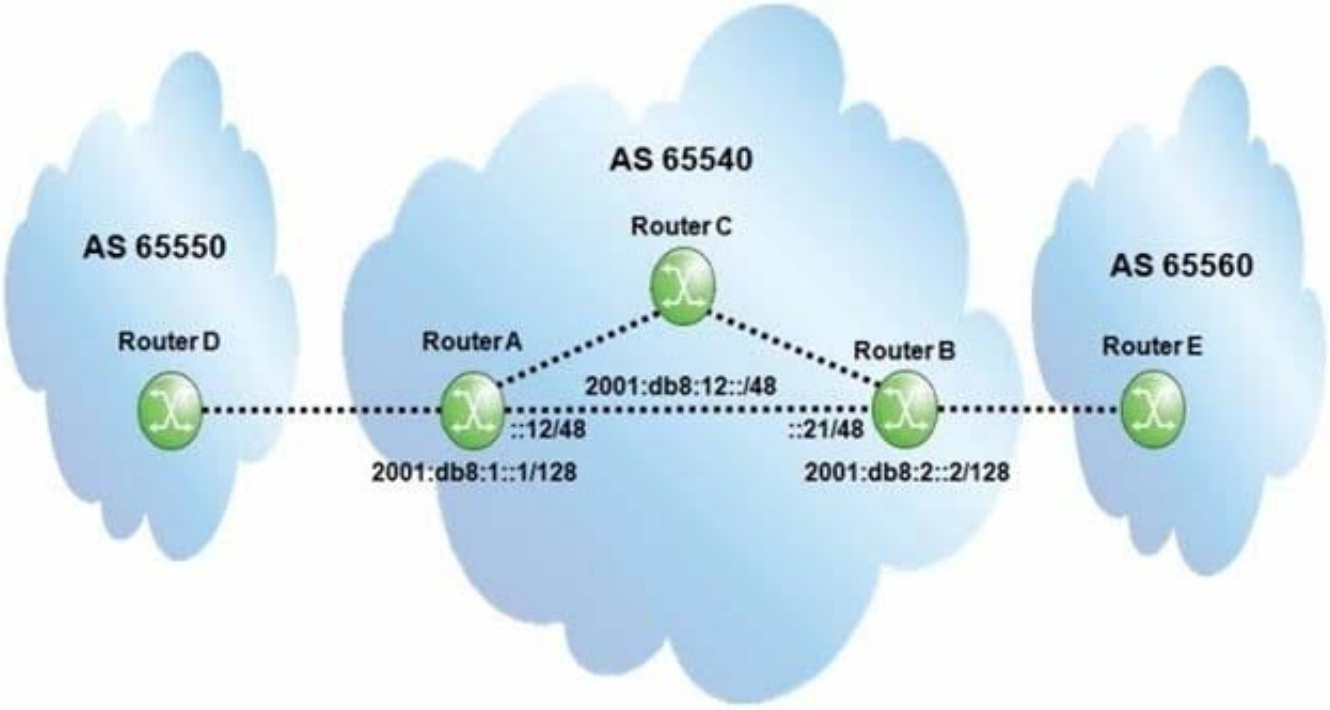
C. Exporting the networks associated with the external links of eBGP peers into BGP.

D. Optimizing BGP route table by exporting IGP routes into BGP.

Correct Answer: B

QUESTION 5

Click the exhibit.



Assume all router-IDs are properly configured, and link-local IPv6 addresses are used to establish the eBGP sessions. Which of the following is the MINIMAL configuration required on router A so that router B can exchange traffic with router D?

A.
```
group "IPv6_iBGP"
    family ipv6
    next-hop-self
    peer-as 65540
    neighbor 2001:DB8:2::2
    exit
exit
```

B.
```
group "IPv6_iBGP"
    next-hop-self
    type internal
    peer-as 65540
    neighbor 2001:DB8:2::2
    exit
exit
```

C.
```
group "IPv6_iBGP"
    family ipv6
    peer-as 65540
    neighbor 2001:DB8:2::2
    exit
exit
```

D.
```
group "IPv6_iBGP"
    family ipv6
    next-hop-self
    type internal
    neighbor 2001:DB8:2::2
    exit
exit
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C

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