

# DUMPS ARENA

## Nokia Border Gateway Protocol

Alcatel-Lucent 4A0-102

Version Demo

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**QUESTION NO: 1**

Click the exhibit.



When router A receives the BGP update for the 192.168.0.1/27 prefix, it propagates it to routers B and

C. What action is taken by router B when it receives the update?

A. Router B propagates the BGP update to routers D and C.

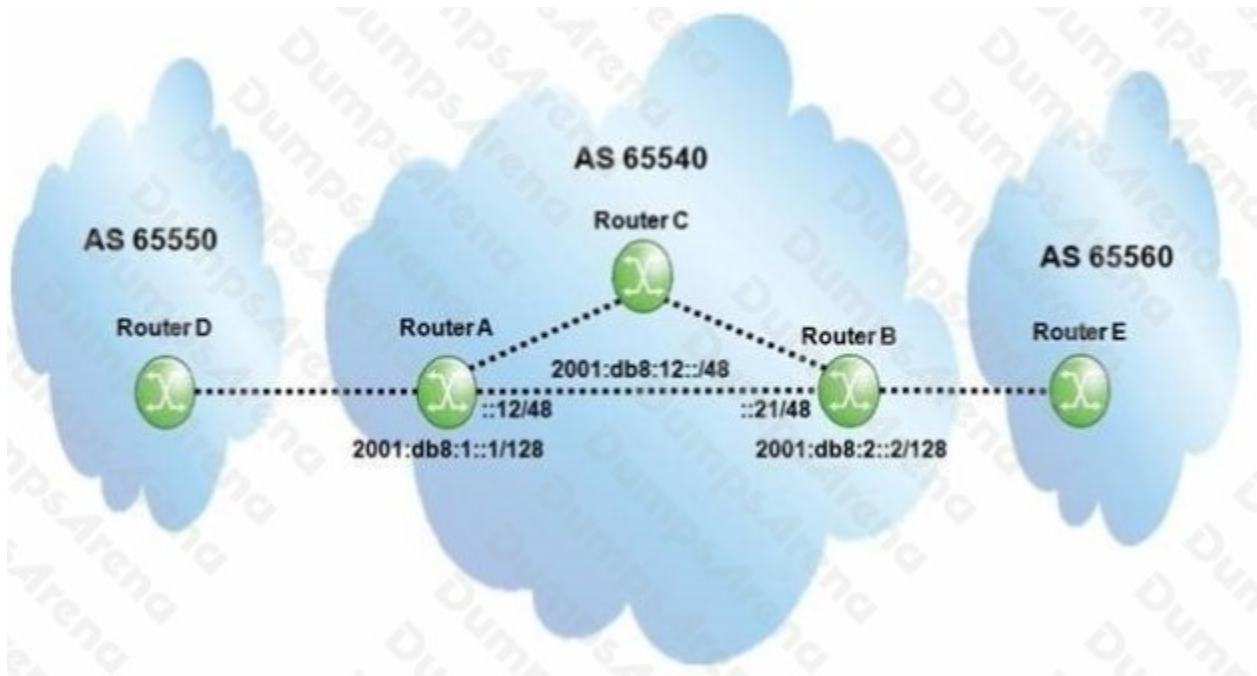
B. Router B propagates the BGP update to router D.

C. What action is taken by router B when it receives the update?  
Router B detects duplicates in its BGP database and discards the update.

D. Router B propagates the update to routers A, C and D.

**ANSWER: B****QUESTION NO: 2**

Click the exhibit.



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

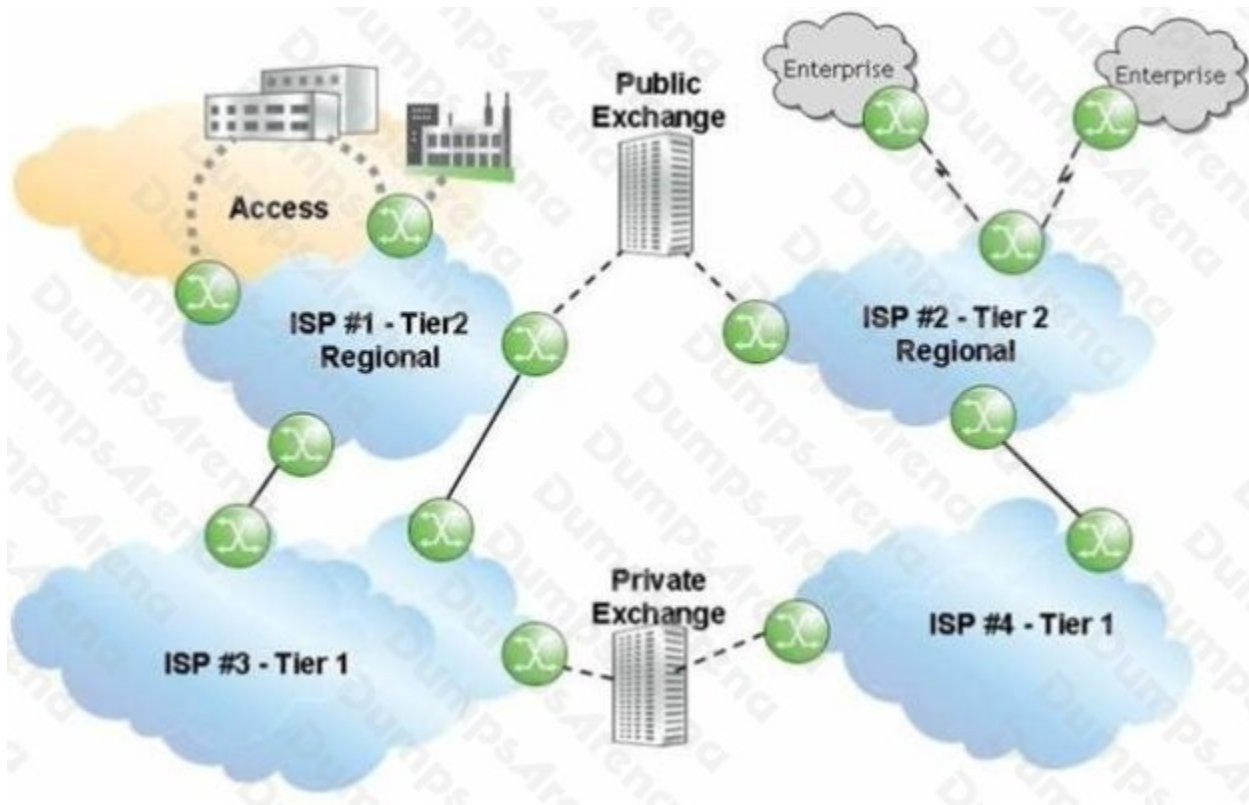
- A. group "IPv6\_iBGP"  
family ipv6  
next-hop-self  
peer-as 65540  
neighbor 2001:DB8:2::2  
exit  
exit
- B. group "IPv6\_iBGP"  
next-hop-self  
type internal  
peer-as 65540  
neighbor 2001:DB8:2::2  
exit  
exit
- C. group "IPv6\_iBGP"  
family ipv6  
peer-as 65540  
neighbor 2001:DB8:2::2  
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

**ANSWER: A**

**QUESTION NO: 3**

Click the exhibit.



Given that ISP 1 and ISP 2 are Tier 2 providers, and that ISP 3 and ISP 4 are Tier 1 providers, what is the most likely relationship between ISP 1 and the other ISPs?

- A. ISP 1 has a peering relationship with ISP 2 and ISP 4.
- B. ISP 1 has a peering relationship with ISP 2 and a transit relationship with ISP 3.
- C. ISP 1 has a peering relationship with ISP 2 and ISP 3.
- D. ISP 1 has a transit relationship with ISP 2 and ISP 4.
- E. ISP 1 has a transit relationship with ISP 2 and a peering relationship with ISP 3.

**ANSWER: B**

**QUESTION NO: 4**

Which of the following is NOT considered an option of export policies?

- A. Advertising customer networks into BGP.
- B. Sending aggregates that summarize the AS s address space.
- C. Sending MEDs to influence ingress traffic from peers.

D. Preventing unwanted NLRI from entering the AS.

**ANSWER: D**

**QUESTION NO: 5**

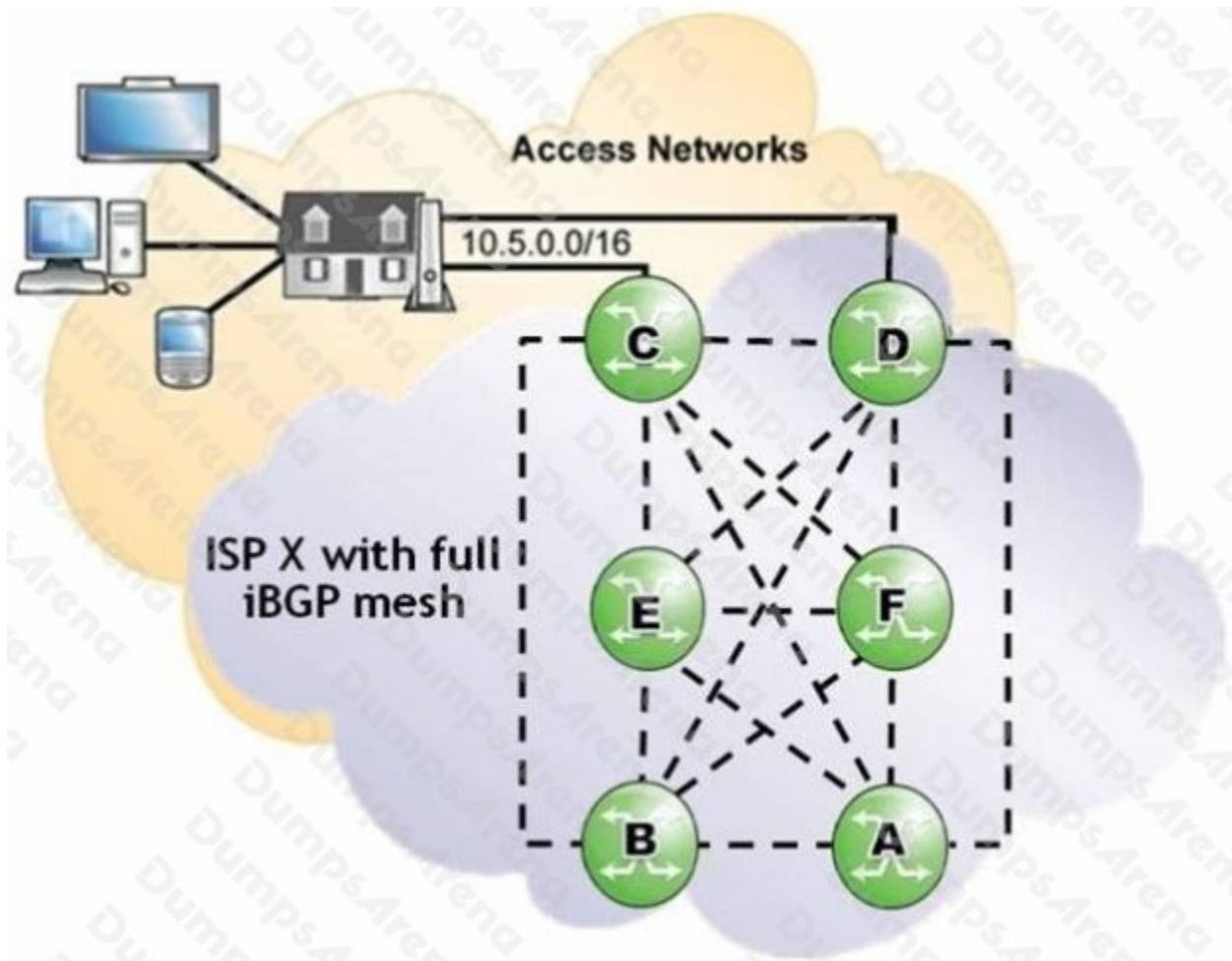
Upon the successful establishment of a TCP session between peers, what type of BGP message is exchanged?

- A. OpenSent
- B. Keepalive
- C. Open
- D. Notification
- E. Update

**ANSWER: C**

**QUESTION NO: 6**

Click the exhibit.



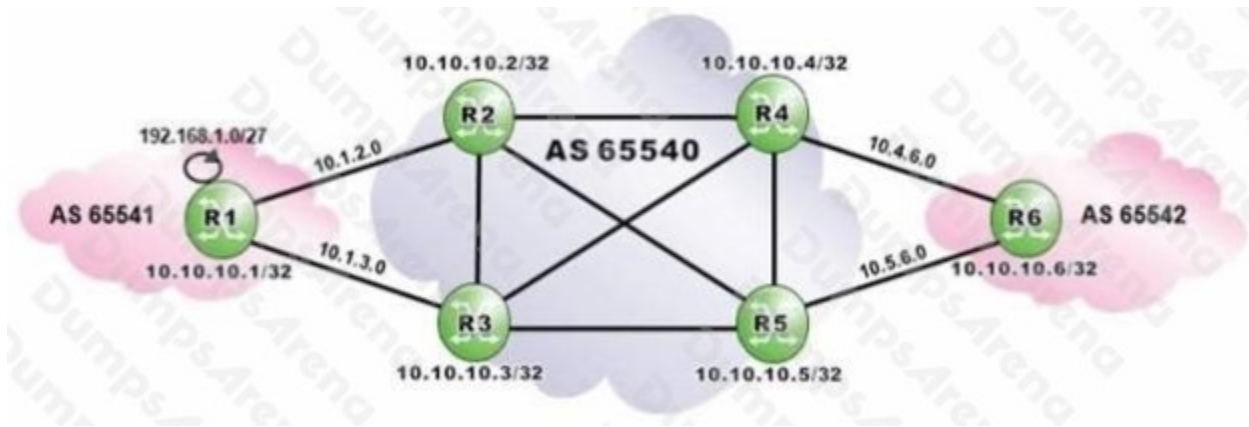
Considering that both routers C and D are advertising the eBGP learned prefix 10.5.0.0/16 into ISP X, which of the following best describes the route advertisement within ISP X?

- A. Router C sends the update to routers E and F only.
- B. Router C sends the update to routers D, E and F.
- C. Router C sends the update to routers A, B, E and F.
- D. Router C sends the update to routers A, B, D, E and F.

**ANSWER: D**

**QUESTION NO: 7**

Click the exhibit.



AS 65540 routers are iBGP fully-meshed. Assume routers R4, R5 and R6 are configured with `addpaths ipv4 send 2 receive`. Which routes to 192.168.0.1/27 is router R6 expected to have in its BGP routing table?

- A. Two routes from router R4.
- B. Two routes from router R5.
- C. Two routes; one from router R4 and one from router R5.
- D. Four routes; two from router R4 and two from router R5.

**ANSWER: D**

#### QUESTION NO: 8

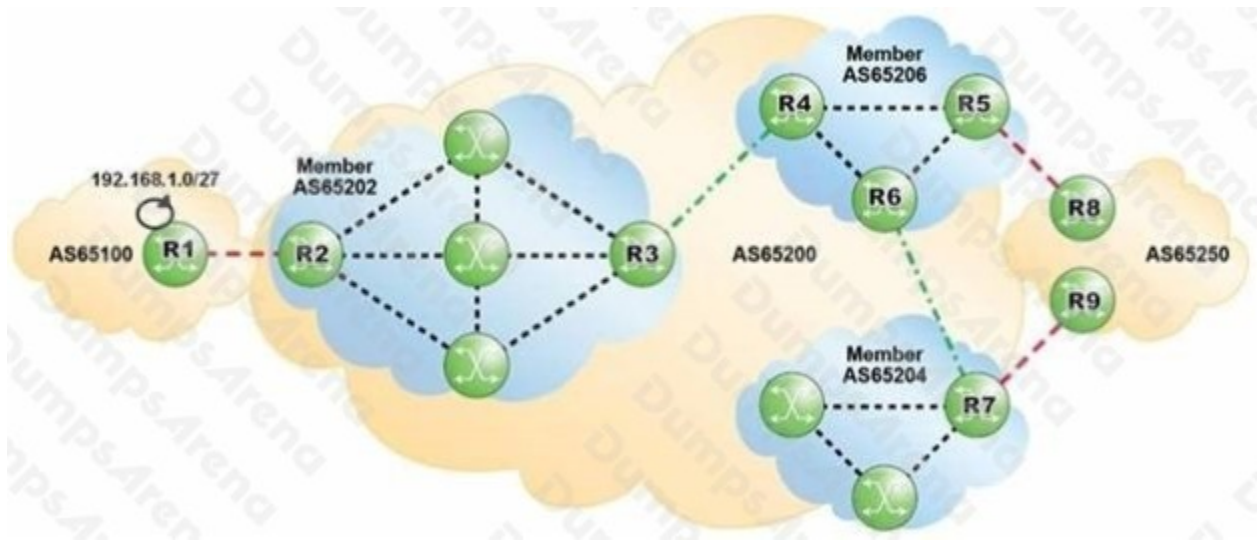
Which of the following parameters does NOT have to match for an iBGP session to be successfully established?

- A. BGP version number.
- B. The local AS number.
- C. The Hold Time.
- D. Authentication.

**ANSWER: C**

#### QUESTION NO: 9

Click the exhibit.



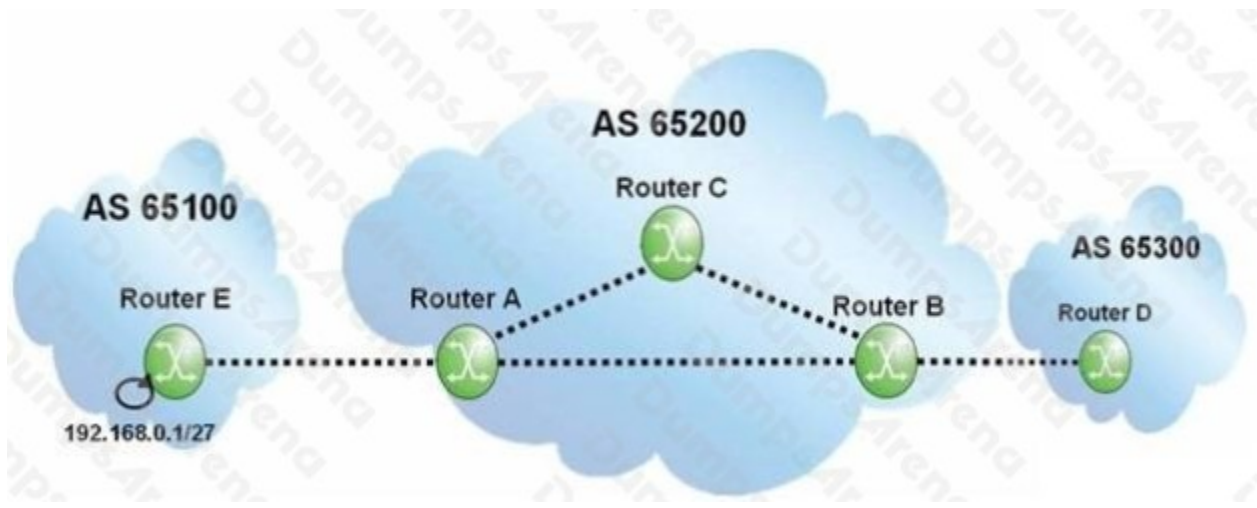
AS 65100 is advertising 192.168.1.0/27 into BGP. Which of the following AS Paths would the prefix 192.168.1.0/27 contain when viewed on router R8?

- A. 65200 (65206 65202) 65100
- B. (65206 65202)65100
- C. 65250 (65206 65202) 65100
- D. 65200 65100

**ANSWER: D**

**QUESTION NO: 10**

Click the exhibit.



Assuming router A is configured with "next-hop-self", what does the BGP update for prefix 192.168.0.1/27 contain when it arrives at router B?

- A. AS Path of 65200 65100, Next Hop of router A.
- B. AS Path of 65200 65100, Next Hop of router E.
- C. AS Path of 65100, Next Hop of router A.
- D. AS Path of 65100, Next Hop of router E.

**ANSWER: C**