4A0-102Q&As

Alcatel-Lucent Border Gateway Protocol

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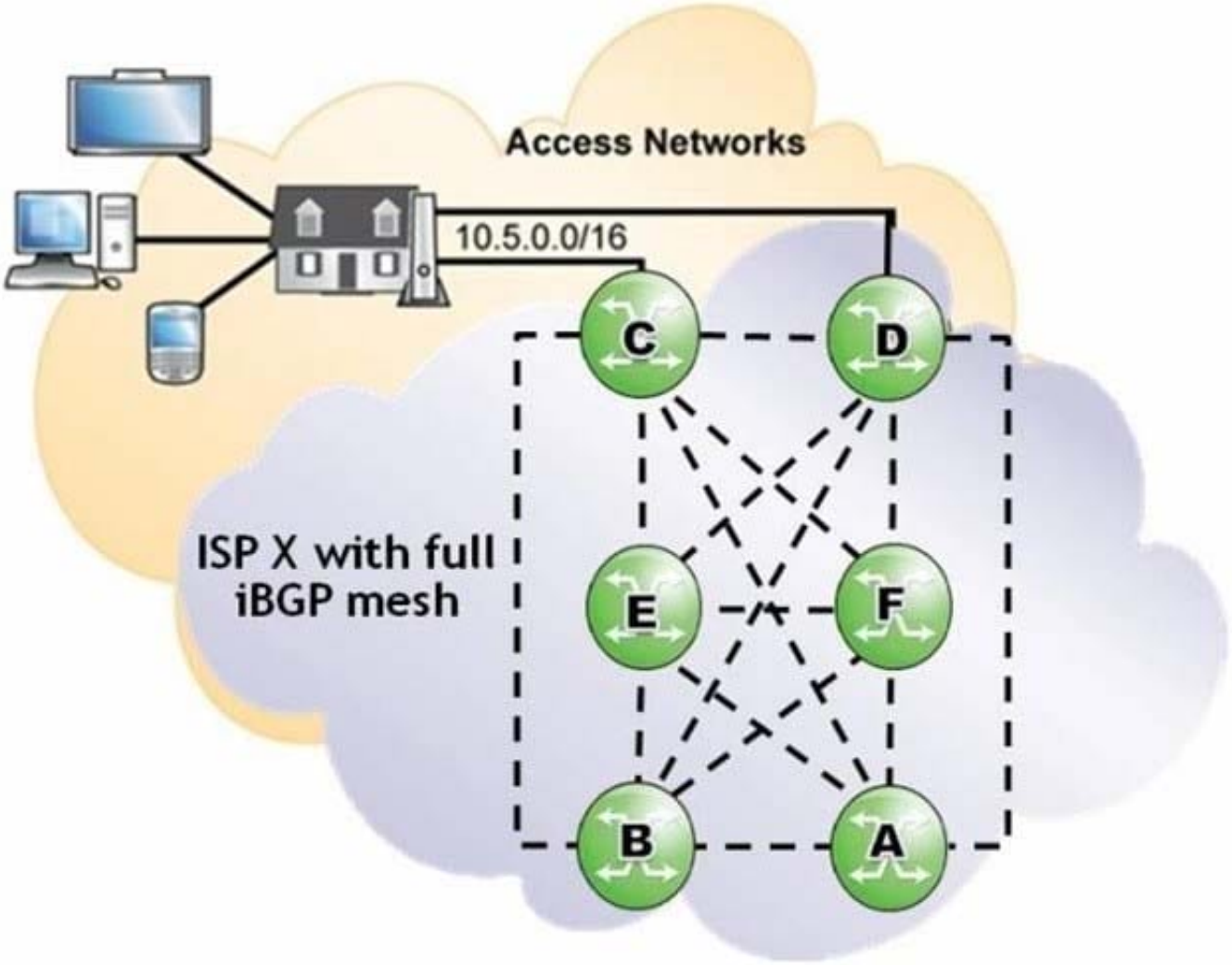
QUESTION 1

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.

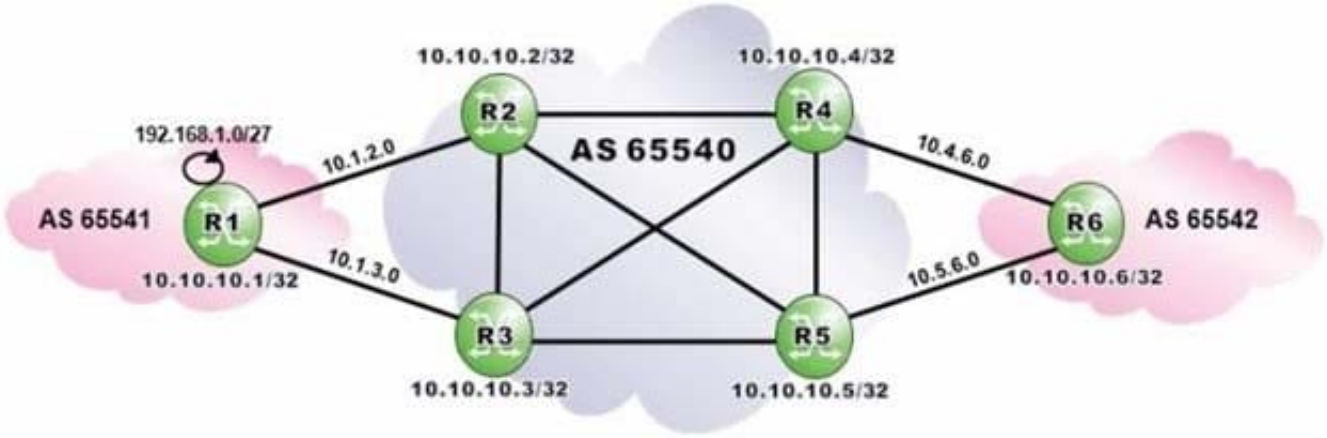
C. Router C sends the update to routers A, B, E and F.

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

Correct Answer: D

QUESTION 2

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.

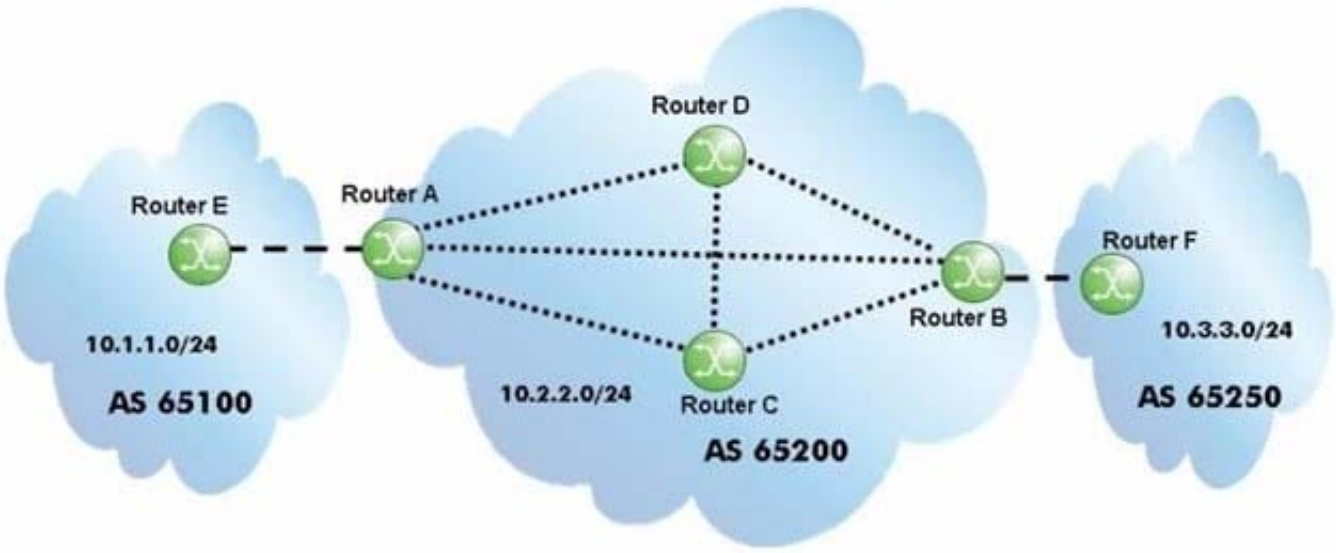
C. Two routes; one from router R4 and one from router R5.

D. Four routes; two from router R4 and two from router R5.

Correct Answer: D

QUESTION 3

Click the exhibit.



Over which BGP session will router B learn the 10.1.1.0/24 prefix?

A. The session between router A and router B.

B. The session between router C and router B.

C. The session between router D and router B.

D. Router B will learn the prefix over all of the sessions, then it will choose the best route.

Correct Answer: A

QUESTION 4

Which of the following about a single-homed AS is FALSE?

A. A single-homed AS is also known as a stub AS.

B. A single-homed AS is also known as a leaf AS.

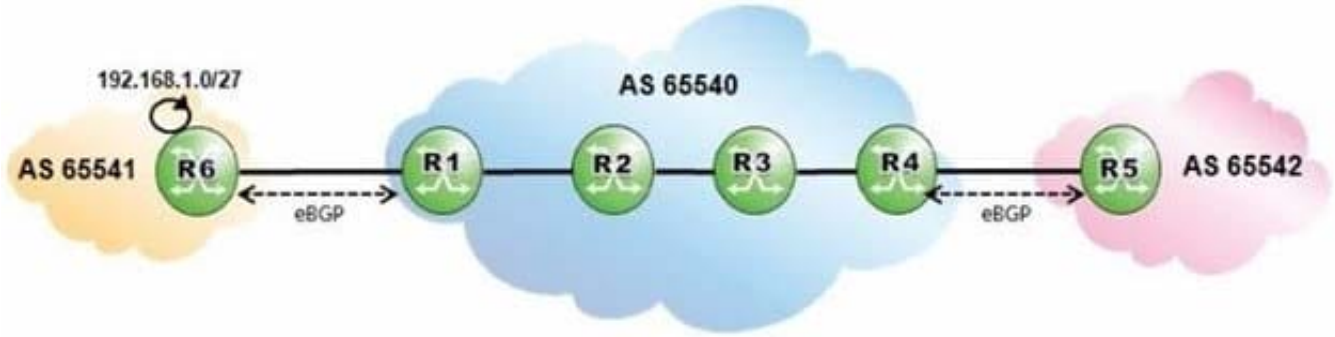
C. A single-homed AS uses either the ISP AS number or a private AS number.

D. A single-homed AS can be either transit or non-transit

Correct Answer: D

QUESTION 5

Click on the exhibit.



AS 65540 is using MPLS to provide BGP shortcuts for its iBGP routing. AS 65541 is advertising prefix 192.168.1.0/27 into BGP. Which routers have the BGP update for the advertised prefix in their BGP table?

A. Routers R1, R2, R3, R4 and R5.

B. Routers R1and R4 only.

C. Routers R1, R2, R3 and R4 only.

D. Routers R1, R4 and R5 only.

Correct Answer: D

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