Huawei

H12-831_V1.0

HCIP-Datacom-Advanced Routing & Switching Technology V1.0

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Product Version

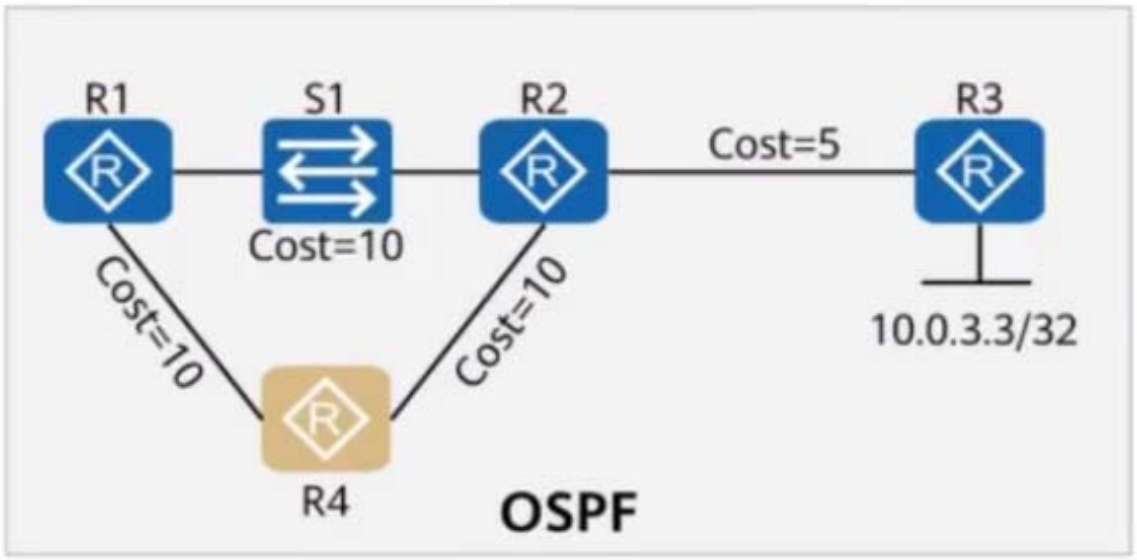
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Question: 1

On the OSPF network shown in the figure, the cost values of links are marked, and OSPF IP FRR is enabled on R1. Which of the following statements are true?

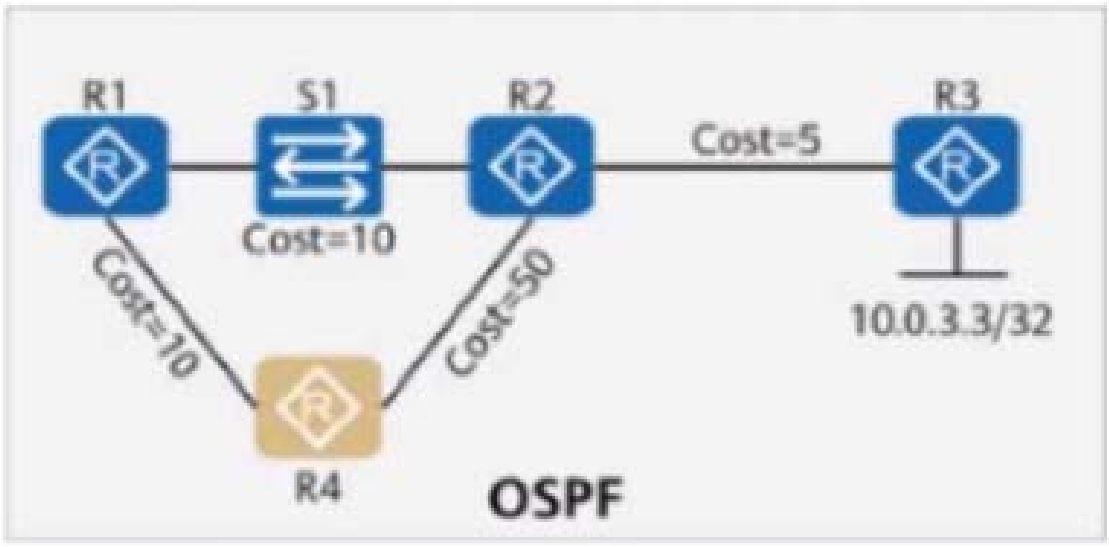


A. No backup path can be established between R1 and 10.0.3.3/32.
B. If SI is powered off, R1 directly uses the backup path to forward packets to R3.
C. If BFD (with default detection parameters) is enabled on the entire network and the link between R2 and SI is disconnected, R1 can quickly detect the OSPF adjacency fault.
D. If the link between R1 and SI is disconnected, R1 directly uses the backup path to forward packets to R3.

Answer: B, C, D

Question: 2

On the OSPF network shown in the figure, the cost values of links are marked, and OSPF IP FRR is enabled on R1. Which of the following statements is false?



A. If the link between R1 and SI is disconnected, Rl recalculates the optimal path to R3 and performs path switching instantly.
B. If the link between R2 and SI is disconnected, R1 recalculates the optimal path to R3 and performs path switching instantly.
C. If the link between R1 and SI is disconnected, R1 directly uses the backup path to forward packets to R3 because FRR is enabled on R1.
D. If the link between R1 and SI is disconnected and you check neighbor information on R1, the neighbor relationship between R1 and R2 will instantly display Down.

Answer: A

Question: 3

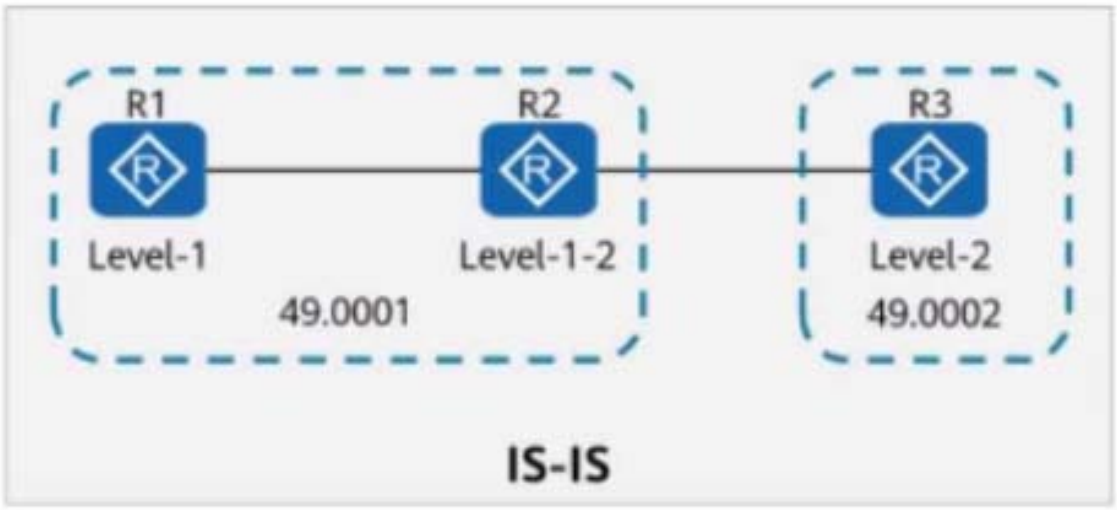
On a stable network that requires fast route convergence, you can change the value of the interval at which OSPF LSAs are updated to 0 so that topology or route changes can be immediately advertised on the network through LSAs, which speeds up route convergence.

A. TRUE
B. FALSE

Answer: A

Question: 4

On the ISIS network shown in the figure, R1 imports a default route using the default-route-advertise always level-1 command. In this case, R3 can learn this default route through IS-IS.

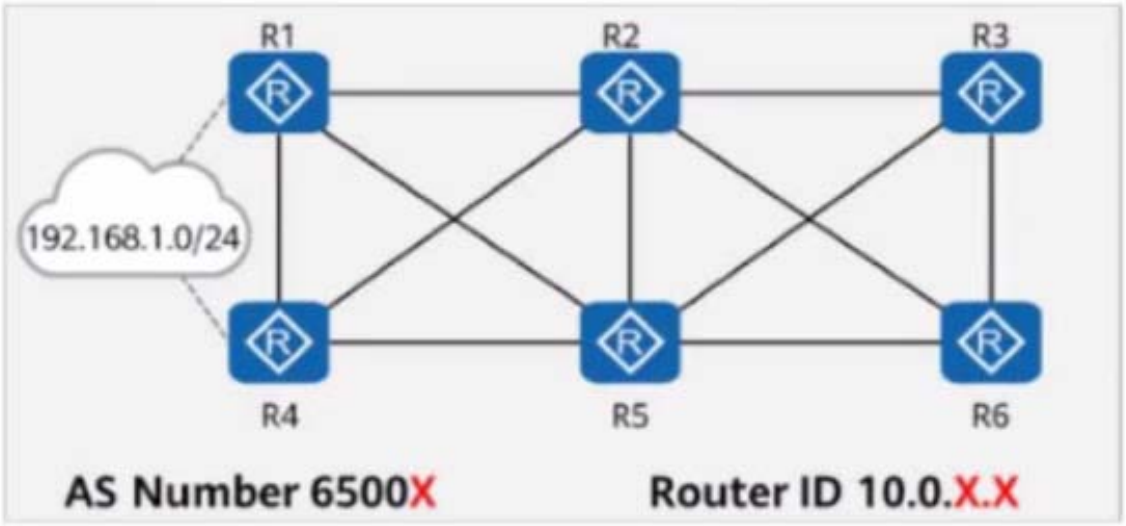


A. TRUE
B. FALSE

Answer: B

Question: 5

On the network shown in the figure, EBGP peer relationships are established between neighboring routers through directly connected interfaces. The router ID of each router is 10.0.X.X, and the AS number is 6500X, where X is the number of the router. Both Rl and R4 have static routes to 192.168.1.0/24, which are imported to BGP through the import-route command. R3 is configured with the peer y.y.y.y as-path-filter 1 import command for all peers. Which of the following sets of commands enables R3 to select the route with the longest AS_Path to 192.168.1.0/24?



A. jp as-path-filter 1 deny .*6500 ip as-path-filter 1 permit .*
B. ip as-path-filter 1 deny A65002 ip as-path-filter 1 deny A65005 ip as-path-filter 1 permit .*
C. ip as-path-filter 1 permit .* ip as-path-filter 1 deny 65001s ip as-path-filter 1 deny A65005
D. ip as-path-filter 1 deny 65001s ip as-path-filter 1 permit .*

Answer: A

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