4A0-101^{Q&As}

Alcatel-Lucent Interior Routing Protocols and High Availability

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QUESTION 1

Which of the following best describes an OSPF Type 3 LSA?

A. A Type 3 LSA is generated by an ASBR only when route summarization is configured.

B. A Type 3 LSA is generated by an ABR only when route summarization is configured.

C. A Type 3 LSA is generated by an ASBR to describe routes to routers outside the area.

D. A Type 3 LSA is generated by an ABR to describe routes to routers outside the area.
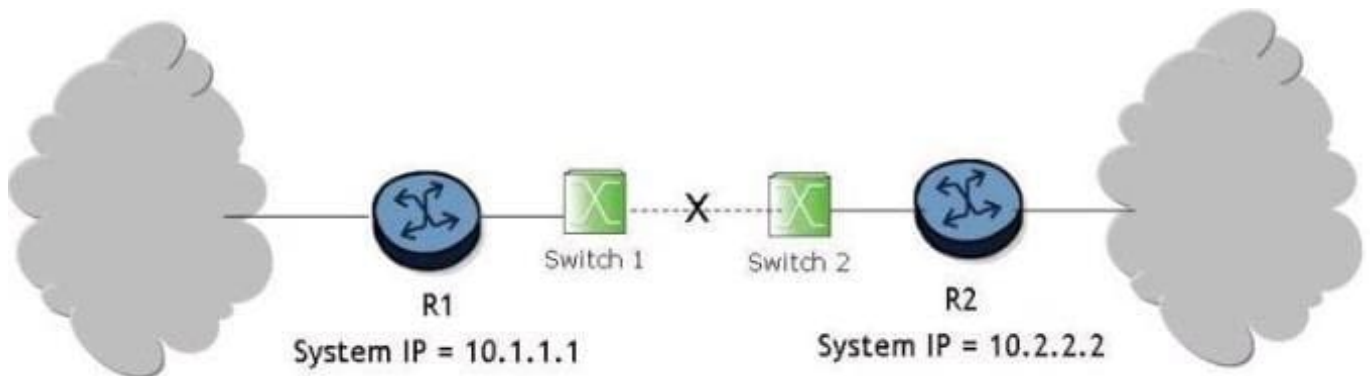
Correct Answer: D

QUESTION 2

What value should the AFI be set to for locally administered addressing?

A. 1

B. 49

C. 47

D. 45

E. 39

Correct Answer: B

QUESTION 3

Click on the exhibit.

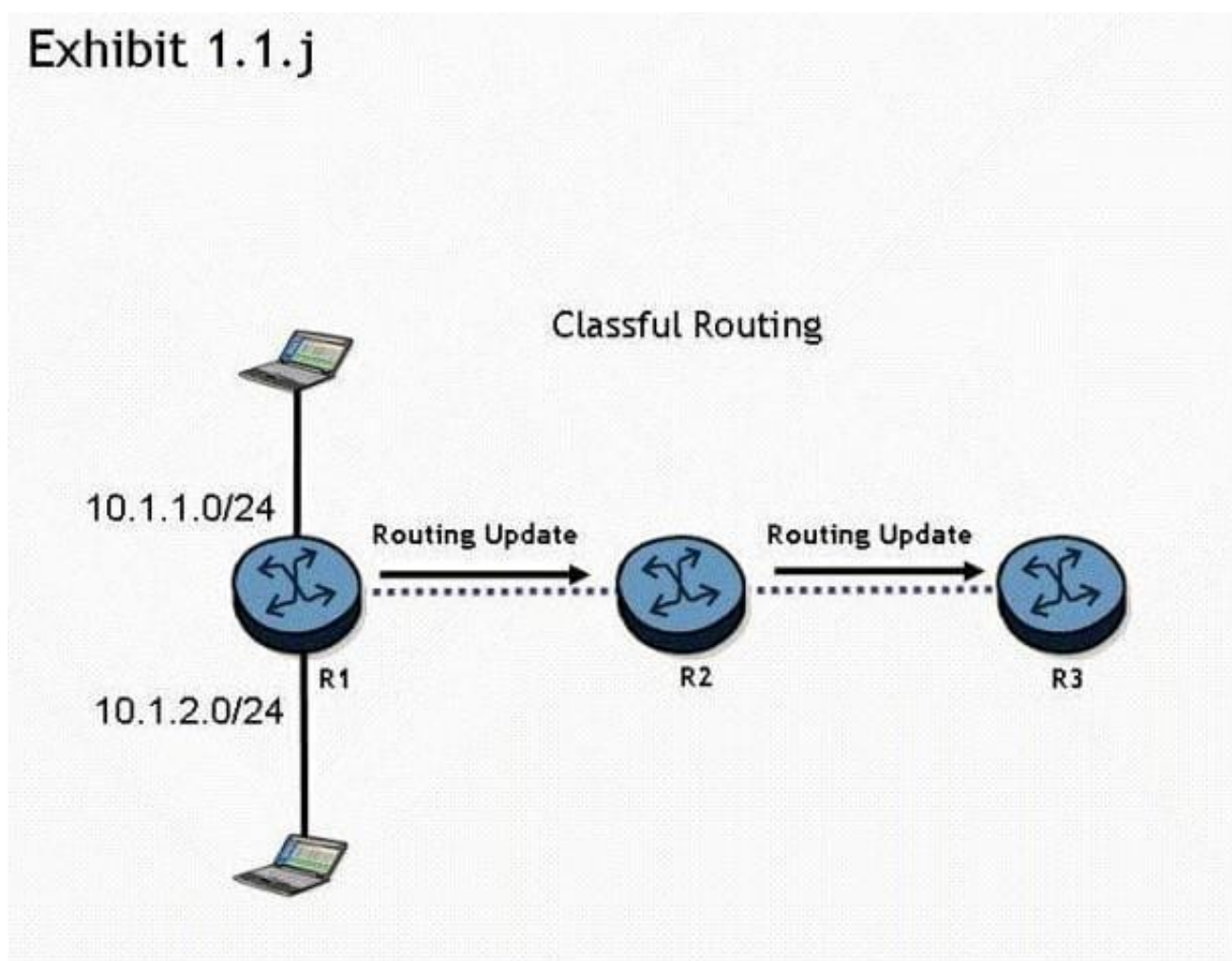What triggers convergence of the routing protocol when the link between switch 1 and switch 2 goes down?

A. Convergence is triggered when the adjacency between routers R1 and R2 drops as a result of hello timeouts.

B. Convergence is triggered when the physical interfaces between routers R1 and R2 go down.

C. Convergence will not be triggered because switches cannot run routing protocols between them.

D. Convergence is triggered when the switches notify the routers about the link-state info.

E. Convergence is triggered when an LSA is sent from router R1 to router R2 to indicate that the link is down.

Correct Answer: A

QUESTION 4

Click the exhibit button.

Routers R1 ,, R2, and R3 are running a classful routing protocol between them. Assuming that router R1 advertises all directly connected networks, how will these networks be represented in router R3\\'s routing table?
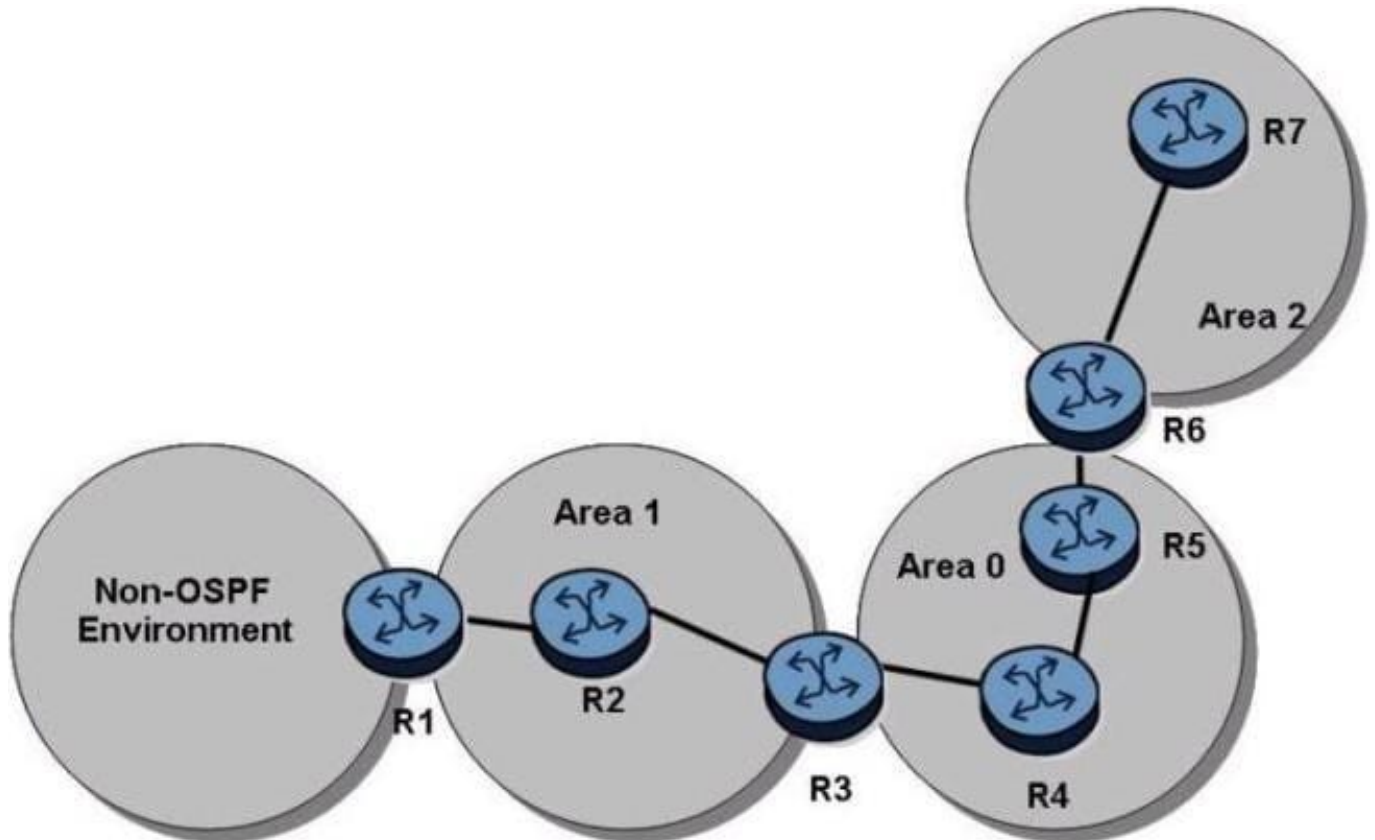
A. Router R3\\'s routing table can only contain one of the routes, which will result in route flapping.

B. Router R3\\'s routing table will have one entry for 10.1.1.0/24 and one entry for 10.1.2.0/24.

C. The networks will be represented with one entry of 10.0.0.0/8 in router R3\\'s routing table.

D. The networks will be represented with one entry of 10.0.0.0/24 in router R3\\'s route table.

Correct Answer: C

QUESTION 5

Click on the exhibit.

In the topology shown, router R1 is an ASBR configured to export external routes to OSPF. Assuming that there are no stub networks, which of the following statements regarding Type 5 LSA generation is TRUE?

A. Router R1 generates a Type 5 LSA that is flooded to area 1 only.

B. Router R1 generates a Type 5 LSA that is flooded to areas 1 and 0. Router R6 generates a Type 5 LSA that is flooded to area 2.

C. Router R1 generates a Type 5 LSA that is flooded to areas 0.1, and 2.

D. Router R3 generates a Type 5 LSA that is flooded to areas 0 and 2

E. Type 5 LSAs are not generated in this network topology.

Correct Answer: C