Free Questions for 4A0-113 by go4braindumps

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Question 1

Question Type: MultipleChoice

An OSPF adjacency is stuck in the exstart state. What is the most likely cause?

Options:

A- The MTU does not match on both interfaces.

B- OSPF is not enabled on one of the routers.

C- The router ID is the same on both routers.

D- An OSPF Hello has not been received from the neighbor.

E- The interfaces are configured as point-to-point on one side and broadcast on the other.

Answer:

A

Question 2

Question Type: MultipleChoice

What type of LSA is used to flood information about prefixes from one OSPF area to other attached areas?

Options:

A- Type 1

B- Type 3

C- Type 4

D- Type 7

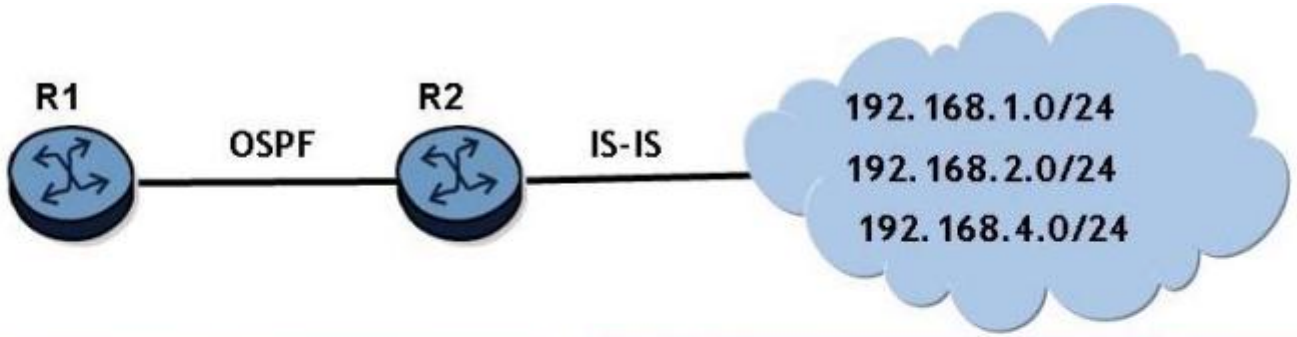
Answer:

B

Question 3

Question Type: **MultipleChoice**

Click on the exhibit.




```
*A:AIRP_RO2>config>router>ospf# info
----------------------------------------------
            asbr
            export "isis-ospf"
            area 0.0.0.0
                interface "system"
                    no shutdown
                exit
                interface "toR1"
                    interface-type point-to-point
                    no shutdown
                exit
            exit
----------------------------------------------
*A:AIRP_RO2>config>router>ospf#
```

```
*A:AIRP_RO2>config>router>policy-options# info
----------------------------------------------
            prefix-list "no-redist"
                prefix 192.168.2.0/24 exact
            exit
            prefix-list "redist-16"
                prefix 192.168.0.0/16 longer
            exit
            policy-statement "isis-ospf"
                entry 10
                    from
                        protocol isis
                        prefix-list "redist-16"
                    exit
                    action accept
                    exit
                exit
                entry 20
                    from
                        protocol isis
                        prefix-list "no-redist"
                    exit
                    action reject
                exit
            exit
----------------------------------------------
*A:AIRP_RO2>config>router>policy-options#
```

Router R2 learns the networks shown from IS-IS. Router R2 is configured to redistribute routes from IS-IS to OSPF as shown. Assume the OSPF and IS-IS adjacencies are operational.

How many OSPF Type 5 LSAs will router R1 receive from router R2?

Options:

A- 0

B- 1

C- 2

D- 3

E- 4

Answer:

D

Question 4

Question Type: **MultipleChoice**

Which of the following statements concerning OSPFv3 is false?

Options:

A- MD5 Authentication is not supported.

B- Router LSAs do not carry IPv6 prefix information

C- NSSA is not supported in OSPFv3.

D- OSPFv3 uses a 32-bit router ID.

Answer:

C

Question 5

Question Type: MultipleChoice

Which of the following statements best describes the function of an OSPF Type 4 LSA?

Options:

A- A Type 4 LSA is originated by an ABR to describe a route to an ASBR to routers outside the area.

B- A Type 4 LSA is originated by an ASBR to describe a route to itself to routers outside the area.

C- A Type 4 LSA is originated by an ABR that is connected to a stub area. The LSA is injected into the backbone area to provide routing information.

D- A Type 4 LSA is originated by an ABR that is connected to a stub area. The LSA is injected into the stub area to provide routing information.

Answer:

A

Question 6

Question Type: MultipleChoice

An interface is configured on a router for OSPF but the command "show router ospf neighbor" does not show any neighbors. Which of the following is NOT a possible cause?

Options:

A- An OSPF database description packet has not been received from the neighbor.

B- The interface facing the neighbor is down.

C- The interface is included in a different area than the neighbor router.

D- The router has not received a valid OSPF Hello packet from its neighbor.

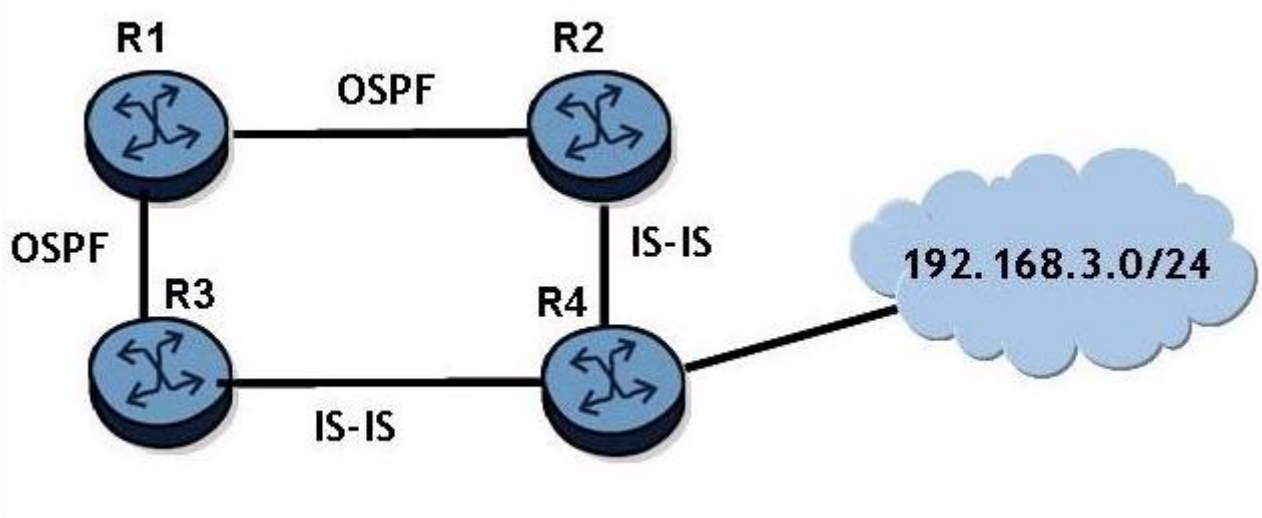
Answer:

A

Question 7

Question Type: **MultipleChoice**

Click the exhibit button.



If router R2 redistributes the IS-IS route to 192.168.3.0/24 into OSPF, router R3 will receive two routes to 192.168.3.0/24. What will be the preference of these two routes? Assume that all IS-IS routers are L1/L2 capable and are in the same are

a. Choose two answers.

Options:

A- The OSPF internal preference

B- The IS-IS Level 1 internal preference

C- The IS-IS Level 2 internal preference

D- The OSPF external preference

E- The IS-IS Level 2 external preference

F- The IS-IS Level 1 external preference

Answer:

B, D

Question 8

Question Type: MultipleChoice

Which of the following statements regarding OSPF routing updates on a point-to-point link is true?

Options:

A- On a point-to-point link, there is no need for a DR and BDR election; all routing updates are sent to 224.0.0.5.

B- On a point-to-point link, a DR and BDR are elected. The DR sends link-state advertisements describing the network.

C- On a point-to-point link, a DR and BDR are elected. To ensure resiliency, both the DR and BDR send link-state advertisements describing the network.

D- On a point-to-point link, there is no need for a DR and BDR election. All routing updates are sent to the unicast address of the neighbor's interface.

Answer:

A