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**Exam** : **4A0-C01**

**Title** : Nokia NRS II Composite  
Exam

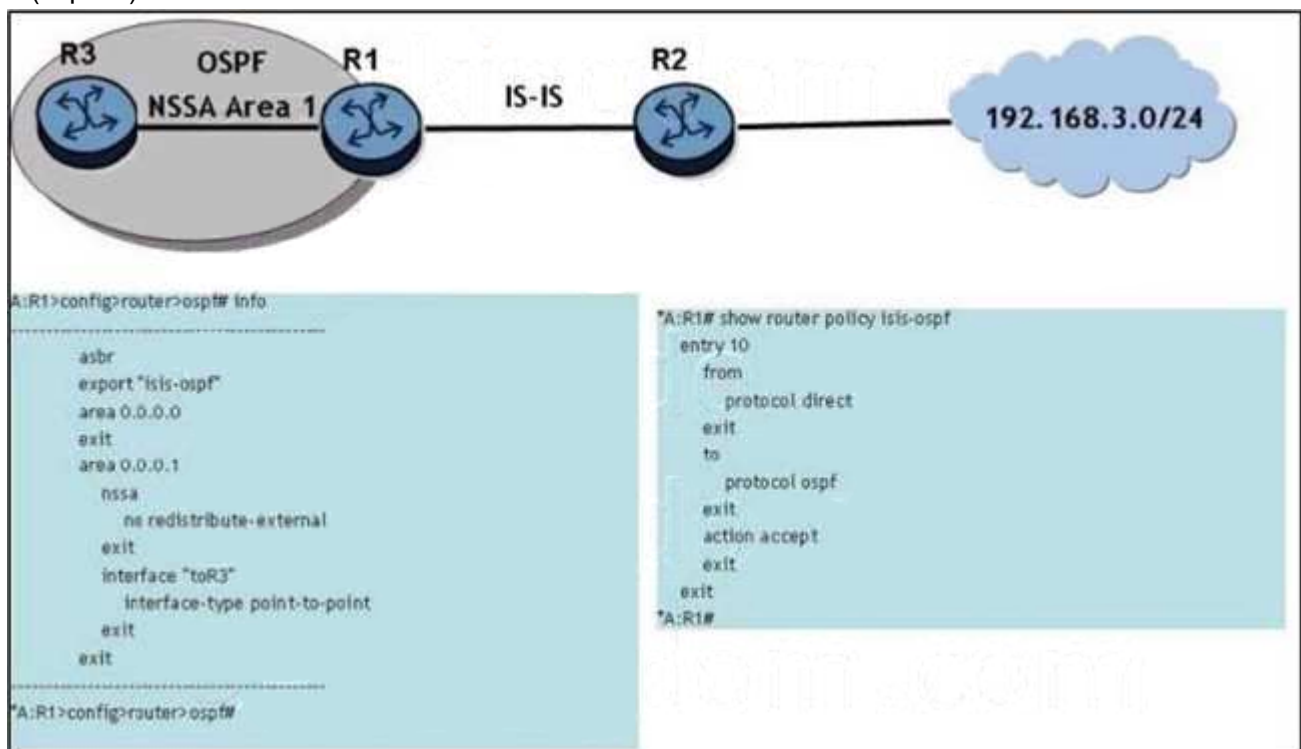
**Version** : DEMO

1.(Topic 1) Which of the following statements regarding OSPF routing updates on a multi-access network segment is true?

- A. In multi-access networks, a DR and BDR are elected only if there are more than two routers connected to the network segment.
- B. In multi-access networks, a DR and BDR are elected only if the subnet masks on the router interfaces are less than /30
- C. In multi-access networks, a DR and BDR are elected. To ensure resiliency, both the DR and BDR send link-state advertisements describing the network.
- D. In multi-access networks, a DR and BDR are elected. The DR sends link-state advertisements describing the network.

**Answer: D**

2.(Topic 1) Click the exhibit button



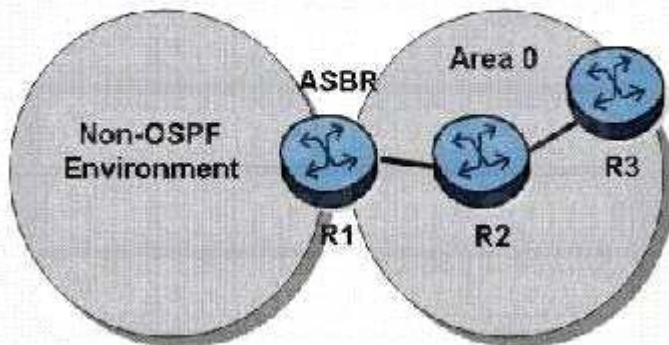
The 192 168 3.0/24 network is learned on router R1 via IS-IS Given the OSPF configuration shown, and assuming that the OSPF adjacency between routers R1 and R3 is up, why is the 192 168.3.0/24 route not in router R3's route table? (Choose two)

- A. The route policy should be applied as in import policy
- B. The no-redistribute-external command is used on router R1
- C. The route policy is incorrect. It should say "from protocol ISIS" rather than "from protocol direct".
- D. It is not possible to be an ASBR and an NSSA. The ASBR configuration should be removed.
- E. The interface between routers R1 and R3 needs to be in OSPF area 0 rather than OSPF area 1 because a backbone area must always exist.

**Answer: B,C**

3.(Topic 1) Click the exhibit button.

### Exhibit 4.5.i



In the topology shown, router R1 is an ASBR configured to export external routes to OSPF. How many type 4 LSAs will be present in the network?

- A. One.
- B. One for each of the routers in area 0
- C. One for each of the external routes exported by router R1.
- D. Type 4 LSAs are not generated in this network topology.

**Answer: D**

4.(Topic 1) When a router receives an IP packet, but does not find a match in the routing table for the destination IP address, what actions are performed by the router?

- A. The packet is flooded out all router interfaces.
- B. The packet is dropped and an ICMP unreachable message is sent back to the source.
- C. The packet is silently discarded.
- D. The packet is flooded out all interfaces and an ICMP unreachable message is sent.

**Answer: B**

5.(Topic 1) How are LSPs acknowledged on IS-IS broadcast links?

- A. The LSP is acknowledged by sending a PSNP PDU.
- B. The LSP is acknowledged by sending an LSP PDU.
- C. The LSP is acknowledged by sending a Hello PDU.
- D. LSP are not acknowledged on broadcast links. The DIS sends periodic CSNPs to maintain database synchronization

**Answer: D**