

# DUMPS ARENA

## Nokia OSPF Routing Protocol Exam

Nokia 4A0-113

Version Demo

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**QUESTION NO: 1**

Which of the following types of networks are supported on an Nokia 7750 SR for OSPF? Choose two answers.

- A. Broadcast
- B. Non-broadcast multi-access
- C. Point-to-point
- D. Point-to-multipoint

**ANSWER: A C****QUESTION NO: 2**

Graceful Restart is supported by what IGPs?

- A. RIPv1 and RIPv2
- B. OSPF
- C. IS-IS
- D. BGP

**ANSWER: B C****QUESTION NO: 3**

What are the three databases maintained by a Link State Protocol?

- A. Neighbor, adjacency, route table
- B. Neighbor, topology, forwarding
- C. Topology, routing, forwarding
- D. There are only two databases: adjacency and topology

**ANSWER: B****QUESTION NO: 4**

What best describes the type of packets used by OSPF routers to exchange updates on a point-to-point link?

- A. IP packets sent to an IP multicast address.
- B. Ethernet frames sent to an Ethernet multicast address.
- C. IP packets sent to an IP unicast address.
- D. UDP packets sent to an IP multicast address.

**ANSWER: A**

#### QUESTION NO: 5

An OSPF router receives an update in which the sequence number, age, and checksum are the same as the entry already in the topological database. What action is taken by the router?

- A. The link state information is not populated in the database but is forwarded to all neighbors
- B. The link state information already in the database is overwritten and the age is reset
- C. The link state information is not populated in the database and an acknowledgement is sent
- D. The link state information is regarded as old and nothing is done.

**ANSWER: C**

#### QUESTION NO: 6

Which of the following statements apply to link state protocol behavior? Choose three answers.

- A. Routers broadcast the entire route table to all neighbors.
- B. Information about directly connected links is sent to all neighbors.
- C. An adjacency database is maintained by each router.
- D. The sequence number for an update is incremented as it is flooded from router to router.
- E. The topological database is the same for all routers in a single area.

**ANSWER: B C E**

#### QUESTION NO: 7

What type of OSPF router generates a type 2 LSA?

- A. Area Border Router
- B. Autonomous System Boundary Router

- C. Designated Router
- D. All routers within an OSPF area.

**ANSWER: C**

#### QUESTION NO: 8

Which one of the commands below will create a static route to network 2.3.4.0/24 on the AlcatelLucent 7750 SR router?

- A. Static route 2.3.4.0 255.255.255.0 next hop 3.4.5.6
- B. Static-route next-hop 3.4.5.6 2.3.4.0/24
- C. Static route 2.3.4.0/24 next hop 3.4.5.6
- D. Static-route 2.3.4.0/24 next-hop 3.4.5.6

**ANSWER: D**

#### QUESTION NO: 9

Choose the Distance Vector Protocols from the list below:

- A. OSPF
- B. RIPv1
- C. RIPv2
- D. IS-IS

**ANSWER: B C**

#### QUESTION NO: 10

What are some of the characteristics of Nokia's implementation of non-stop routing? (Choose two)

- A. No protocol extensions required
- B. Only supported by OSPF and IS-IS
- C. Transparent to routing neighbors
- D. Uses Graceful Restart to inter-operate with other vendors

**ANSWER: A C**