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Nokia OSPF Routing Protocol Exam

Nokia 4A0-113

Version Demo

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QUESTION NO: 1

Which of the following OSPF area types are supported by the Alcatel- Lucent 7750 SR? Choose two answers.

- A. Not so stubby areas
- B. Level1 area WC
- C. Stub areas
- D. Partially stubby areas
- E. Level 2 areas

ANSWER: A C

QUESTION NO: 2

In an OSPF Hello packet, which of the following fields must match for all neighbor routers on the segment? Choose three answers.

- A. Area ID W B.
- B. Hello and Dead intervals PC.
- C. Stub flag
- D. Checksum values
- E. The list of neighbors

ANSWER: A B C

QUESTION NO: 3

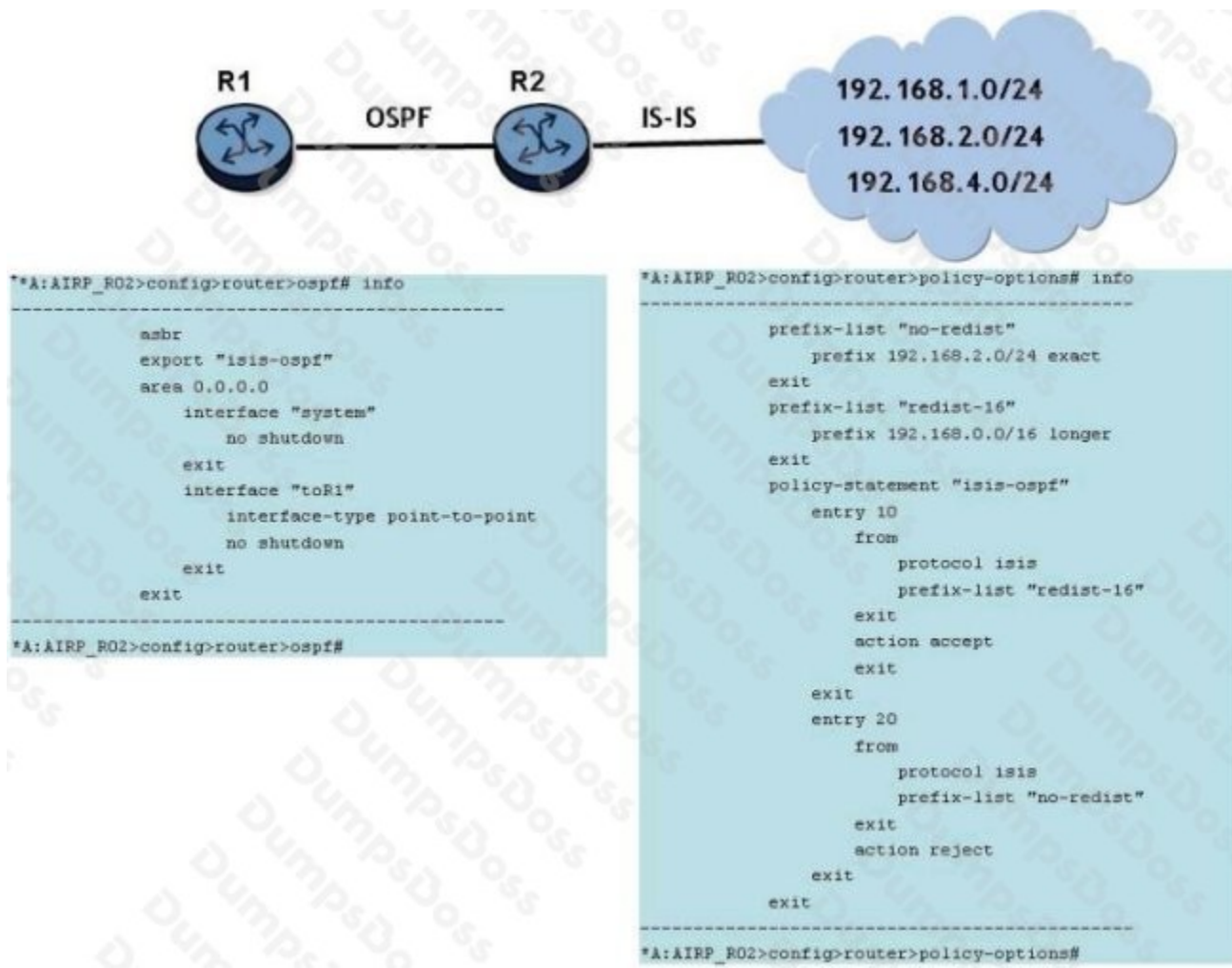
What best describes the type of packets used by OSPF routers to exchange updates on a pointto-point link?

- 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: 4

Click on the exhibit.



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.

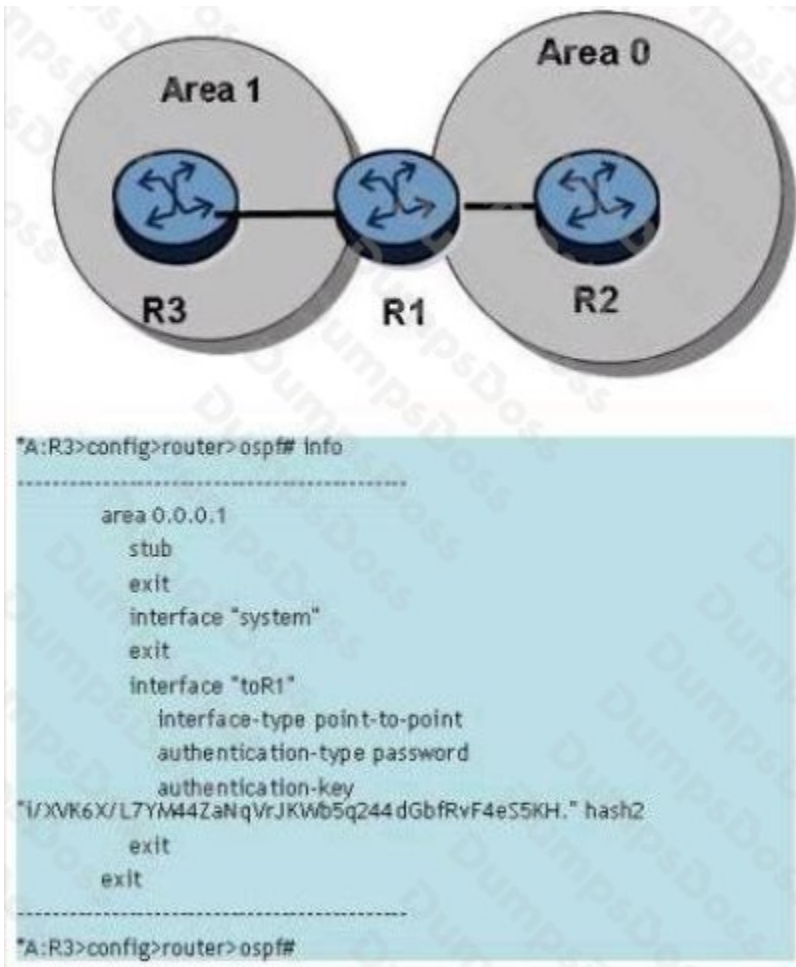
How many OSPF Type 5 LSAs will router R1 receive from router R2?

- A. 0
- B. 1
- C. 2
- D. 3
- E. 4

ANSWER: D

QUESTION NO: 5

Click the exhibit button.



```
*A:R1>config>router>ospf# info
-----
area 0.0.0.0
  interface "toR2"
    interface-type point-to-point
  exit
exit
area 0.0.0.1
  stub
  exit
  interface "system"
  exit
  interface "toR3"
    interface-type point-to-point
    authentication-type password
    message-digest-key 1 md5
    "d70aaU5pMrRRj7Xl3w7bZxF9h6rw3D0oYBUOKD.mtFs" hash2
  exit
  exit
-----
*A:R1>config>router>ospf#
```

The OSPF adjacency between routers R3 and R1 is down. What is the problem?

- A. Area 1 of router R1 should not be configured as a stub.
- B. Router R3 has the incorrect authentication key type.
- C. Router R1 has the incorrect authentication key type.
- D. There is not enough information to tell.

ANSWER: C

QUESTION NO: 6

Select the answer below that correctly lists the 5 different OSPF packet types.

- A. Hello, Link State Update, Link State Packet, Link State Acknowledgement, Database Descriptor
- B. Link State Update, Link State Refresh, Link State Acknowledgement, Database Descriptor, Notification
- C. Hello, Link State Refresh, Link State Update, Link State Acknowledgement, Link State Authentication
- D. Hello, Link State Update, Link State Request, Link State Acknowledgement, Database Descriptor

ANSWER: D

QUESTION NO: 7

Which of the following statements best describes an OSPF type 3 LSA?

- A. An OSPF type 3 LSA is an intra-area LSA, generated by the ABR only when route summarization is configured.
- B. An OSPF type 3 LSA is an inter-area LSA, generated by the ABR only when route summarization is configured.
- C. An OSPF type 3 LSA is an inter-area LSA, generated by an ASBR to describe external routes.
- D. An OSPF type 3 LSA is an inter-area LSA, generated by the ABR to describe a route to neighbors outside the area.

ANSWER: D

QUESTION NO: 8

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

QUESTION NO: 9

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: 10

Which of the following are similarities between OSPF and IS-IS? Choose two answers.

- A. Metric is based on hop count.
- B. Slow convergence after link failures.
- C. Support hierarchy through the use of areas.

D. Support for CIDR.

E. Link state updates sent using layer 3 multicast.

ANSWER: C D