

Nokia

Exam 4A0-101

Nokia Interior Routing Protocols

Verson: Demo

[Total Questions: 10]

Topic break down

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Topic 1, Volume A

Question No : 1 - (Topic 1)

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

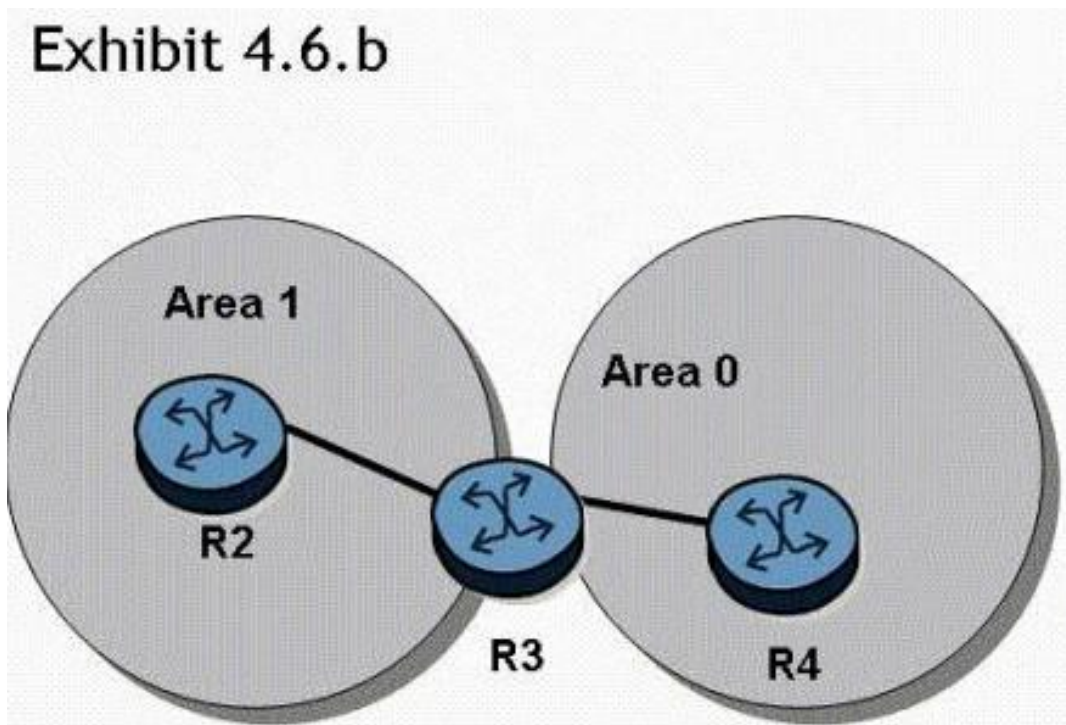
- A. Metric is based on hop count.
- B. Slow convergence after link failures.
- C. Support hierarchy through the use of areas.
- D. Support for CIDR.
- E. Link state updates sent using layer 3 multicast.

Answer: C,D

Question No : 2 - (Topic 1)

Click the exhibit button.

Exhibit 4.6.b



Which of the following would correctly configure routers R2, R3, and R4?

- A
- ```
*A:R3>config>router>ospf
 area 0.0.0.0
 interface "toR4"
 area 0.0.0.1
 interface "toR2"
*A:R2>config>router>ospf
 area 0.0.0.0
 interface "toR3"
*A:R4>config>router>ospf
 area 0.0.0.0
 interface "toR3"
 interface-type point-to-point
```
- B.
- ```
*A:R3>config>router>ospf
  area 0.0.0.0
    interface "toR4"
    interface-type point-to-point
  area 0.0.0.1
    interface "toR2"
*A:R2>config>router>ospf
  area 0.0.0.0
  interface "toR3"
*A:R4>config>router>ospf
  area 0.0.0.0
  interface "toR3"
```

```
C. *A:R3>config>router>ospf
    area 0.0.0.0
      interface "toD1"
        interface-type point-to-point
      area 0.0.0.1
        interface "toR2"
          interface-type point-to-point
*A:R2>config>router>ospf
  area 0.0.0.1
    interface "toR3"
      interface-type point-to-point
*A:R4>config>router>ospf
  area 0.0.0.0
    interface "toR3"
      interface-type point-to-point
```

```
D. *A:R3>config>route>ospf
    area 0.0.0.0
      interface "toR4"
        interface-type point-to-point
      area 0.0.0.1
        interface "toR2"
          interface-type point-to-point
*A:R2>config>route>ospf
  area 0.0.0.0
    interface "toR3" interface-type point-to-point
*A:R4>config>route>ospf
  area 0.0.0.0
    interface "toR3"
      interface-type point-to-point
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: C

Question No : 3 - (Topic 2)

From the list below select the statements that describe the behavior of link state information aging. (Choose 2)

- A. The age for newly created link state information is set to 0 for OSPF and 1200 for IS-IS
- B. The age for newly created link state information is set to 1200 for OSPF and 0 for IS-IS
- C. The age is incremented or decremented as it is flooded from router to router and as it is held in the topological database.
- D. The age is incremented or decremented only as it is held in the topological database and not as it is flooded router to router.

Answer: A,C

Question No : 4 - (Topic 2)

What are the types of routers in an IS-IS topology? Choose all that apply.

- A. Level 0
- B. Level 1
- C. Level 2
- D. Level 0/1
- E. Level 1/2

Answer: B,C,E

Question No : 5 - (Topic 2)

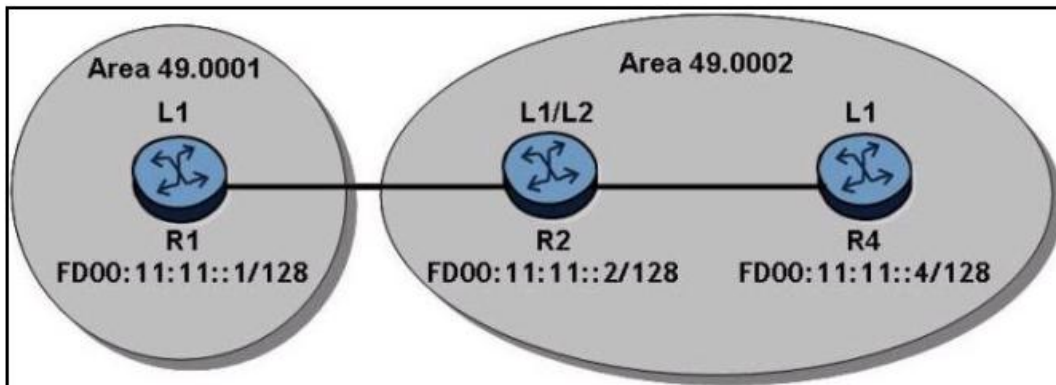
What is the term used for the updates sent by IS-IS?

- A. Link State PDUs
- B. Link State Updates
- C. Link State Advertisements
- D. Intermediate System Update Packets

Answer: A

Topic 3, Volume C**Question No : 6 - (Topic 3)**

Refer to the exhibit below.



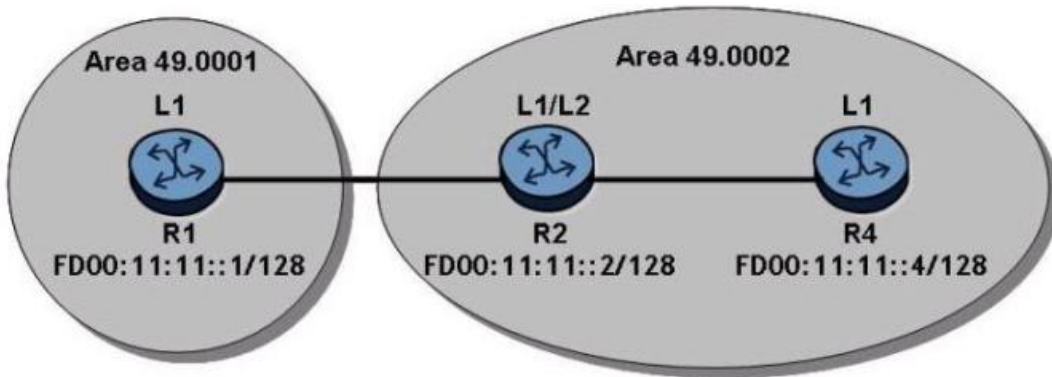
R1 distributes its loopbacks into IS-IS and globally routed addresses are configured as shown. How many routes will R4 have in its IPv6 route table?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 6
- F. 7

Answer: C

Question No : 7 - (Topic 3)

Refer to the exhibit below. IS-IS IPv6 routing is configured in the network with globally routed addresses as shown. How many routes will R4 have in its IPv6 route table?



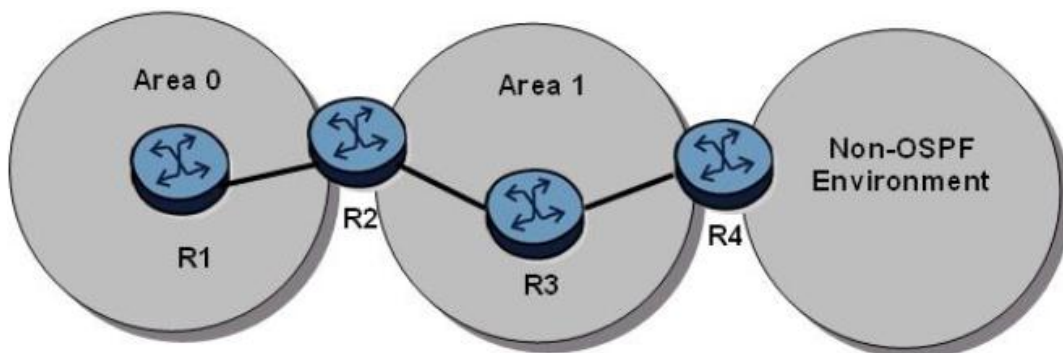
- A. 1
- B. 2
- C. 3
- D. 4
- E. 6
- F. 7

Answer: B

Topic 4, Volume D

Question No : 8 - (Topic 4)

Click on the exhibit.



Router R4 is being added to the network and it is connected to a non-OSPF domain.

Which area type should be used for Area 1 to allow the external routes to be advertised into Area 0?

- A. Backbone
- B. NSSA
- C. Stub
- D. Totally stubby

Answer: B

Topic 5, Volume E

Question No : 9 - (Topic 5)

Click on the exhibit.

```
-----  
? LSA for Area 0.0.0.0  
-----  
Area Id           : 0.0.0.0           Adv Router Id    : 10.10.10.4  
Link State Id     : 0.0.0.2 (2)        
LSA Type         : ?  
Sequence No      : 0x80000001       Checksum         : 0xb111  
Age              : 623              Length          : 32  
Options          : --R--E V6        No of Adj Rtrs  : 2  
Router Id (1)    : 10.10.10.4       Router Id (2)   : 10.10.10.2
```

What type of OSPFv3 LSA is shown?

- A. Router LSA
- B. Network LSA
- C. Inter-Area Prefix LSA
- D. Link LSA

Answer: B

Question No : 10 - (Topic 5)

Which of the following route types must be manually configured and will not re-route traffic when a link failure occurs in its path?

- A. A route from IS-IS.
- B. A route from OSPF.
- C. A floating static route.

D. A static route.

Answer: D