Nokia

Exam 4A0-101

Nokia Interior Routing Protocols

Verson: Demo

[Total Questions: 10]

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Topic break down

Topic	No. of Questions
Topic 1: Volume A	2
Topic 2: Volume B	3
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Topic 1, Volume A

Question No : 1 - (Topic 1)

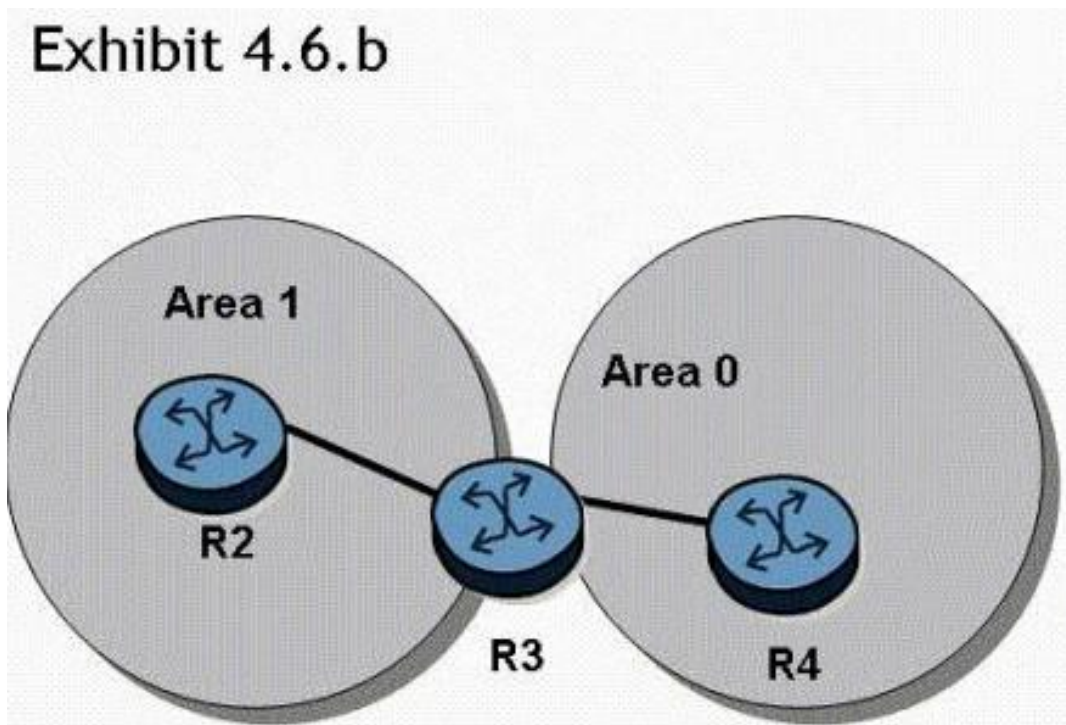Which of the following are similarities between OSPF and IS-IS? Choose two answers.

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?

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A   *A:R3>conf g>router>cspf
         area 0.0.0.0
            interface 'toR4'
         area 0.0.0.1
            interface 'toR2
      *A:R2>conf g>router>cspf
         area 0.0.0.0
            interface 'toR3'
      *A:R4>conf g>router>cspf
         area 0.0.0.0
            interface 'toR3'
               nterface-type pcint-to-point

B.   *A:R3>config>router>ospf
         area 0.0.0.0
            interface "toR4"
               interface-type point-to-paint
         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"

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C.   *A:R3>config>router>ospf
            area 0.0.0.0
               interface "toR4"
                  interface-type port-to-point
            area 0.0.0.1
               interface "toR2
                  interface-type point-tc-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 port-to-point

D.   *A:R3>config>route>ospf
            area 0.C.0.0
               interface "toR4"
                  interface-type pont-to-point
            area 0.C.0.1
               interface "toR2
       *A:R2>config>route>ospf
            area 0.C.0.0
       interface "toR3" interface-type point-to-point
       *A:R4>config>route>ospf
            area 0.C.0.0
               interface "toR3"
                  interface-type pont-to-point

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

Answer: C

Topic 2, Volume B

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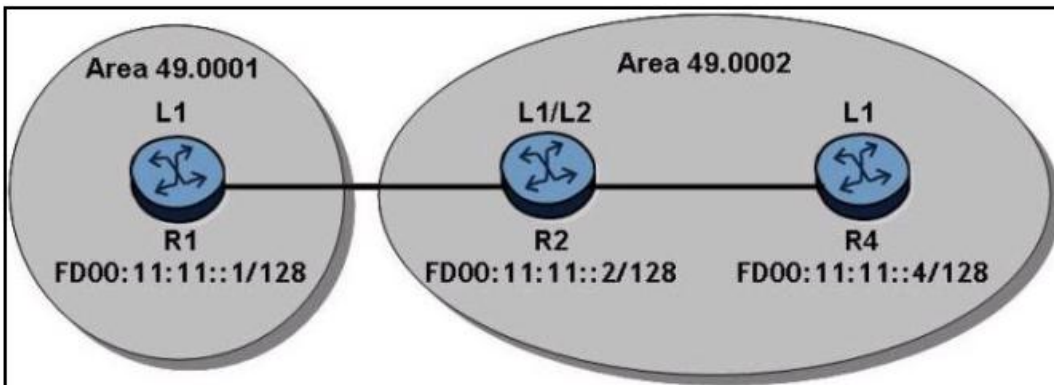
What is the term used for the updates sent by IS-IS?

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

Answer: A

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Topic 3, Volume C

Question No : 6 - (Topic 3)
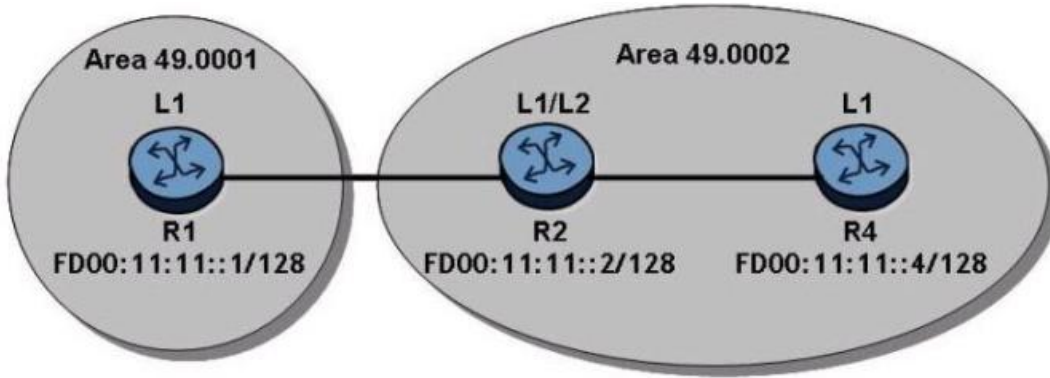
Refer to the exhibit below.

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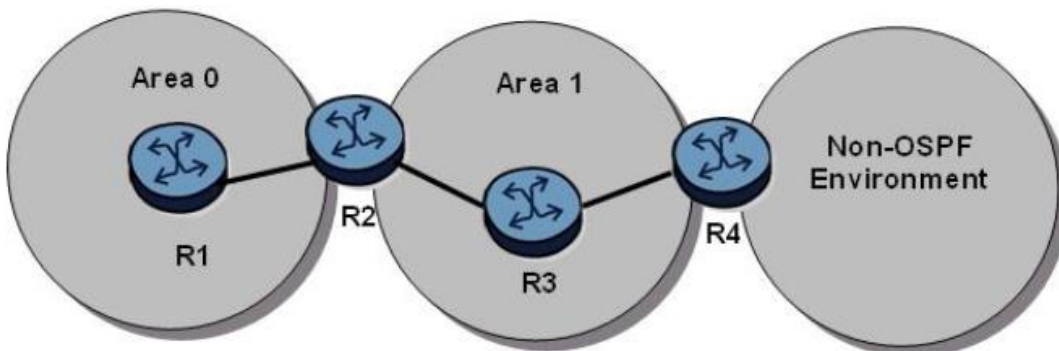
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A. 1
B. 2
C. 3
D. 4
E. 6
F. 7

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?

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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--EV6          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.

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D. A static route.

Answer: D

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