DUMPSARENA

Alcatel-Lucent Interior Routing Protocols and High Availability

Alcatel-Lucent 4A0-101

Version Demo

Total Demo Questions: 15

Total Premium Questions: 316

Buy Premium PDF

https://dumpsarena.co

sales@dumpsarena.co

sales@dumpsarena.co
dumpsarena.co

Topic Break Down

Topic	No. of Questions
Topic 1, Volume A	59
Topic 2, Volume B	60
Topic 3, Volume C	59
Topic 4, Volume D	60
Topic 5, Volume E	78
Total	316

QUESTION NO: 1

A default route for a client is also known as the:

A. Default path

B. Default gateway

C. Gateway path

D. Proxy ARP

ANSWER: B

QUESTION NO: 2

The Nokia 7750 SR supports which two of the OSPF area types below? (Choose two.)

A. Not So Stubby Areas

B. Level 1 Areas

C. Stub Areas

D. Partially Stubby Areas

ANSWER: A C

QUESTION NO: 3

Which of the following statements regarding link state protocols are true? (Choose two.)

A. When a router receives updates from its neighbors, it adds them to its link state database, performs an SPF computation, and sends the results to its neighbors.

B. An SPF computation is done by each router to determine the best path to destination networks. All the best paths determined by the SPF calculation will be seen in the route table.

C. Each router constructs its own link state database with updates received from neighbors.

D. An SPF computation is done by each router to determine the best path to destination networks. All the best paths determined by the SPF calculation will be offered to the route table manager.

ANSWER: C D

QUESTION NO: 4

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

A. Metric is based on hop count.

B. Slow convergence after link failures.

C. Support hierarchy through the use of areas.

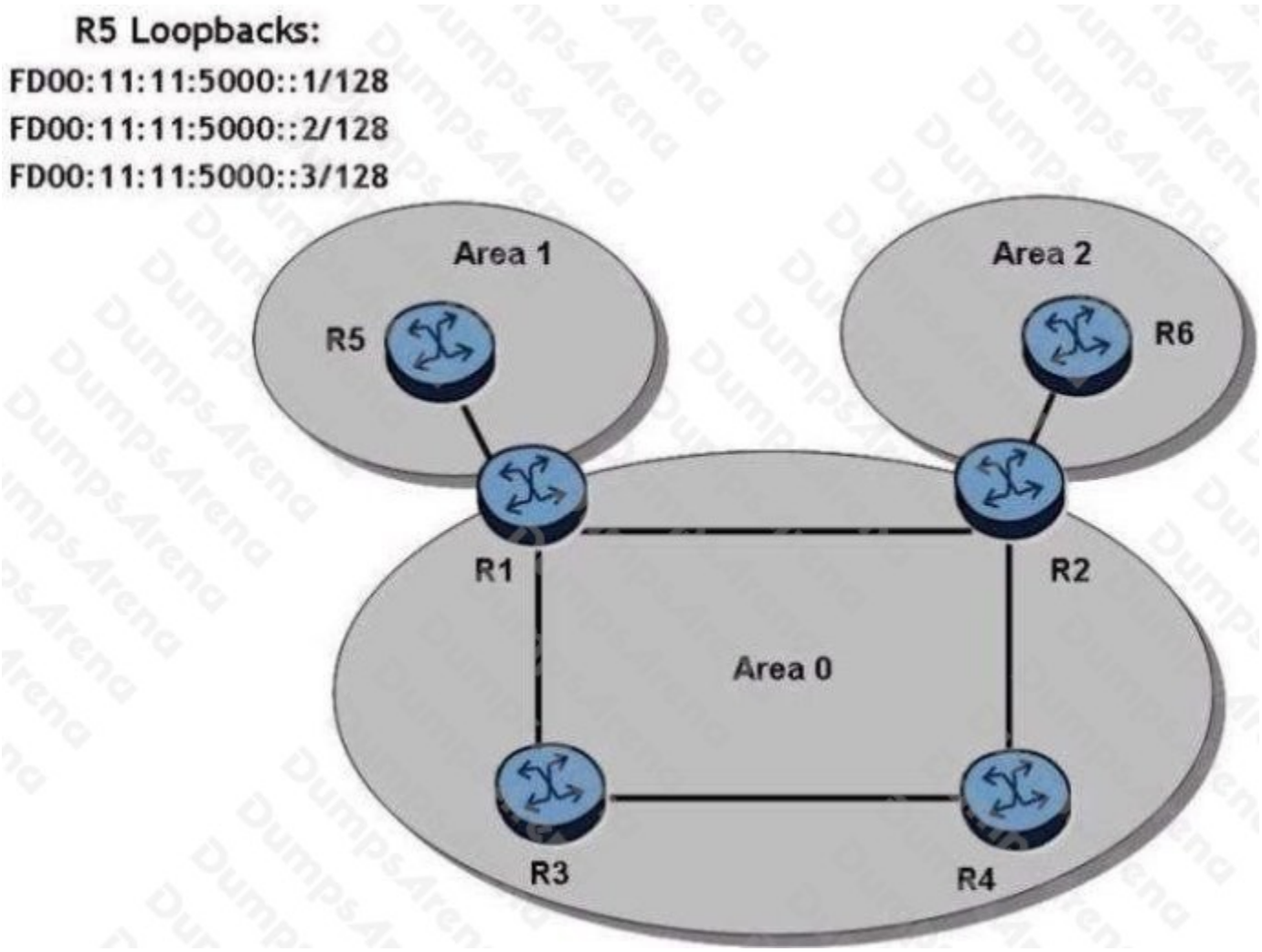
D. Support for CIDR.

E. Link state updates sent using layer 3 multicast.

ANSWER: C D

QUESTION NO: 5

Click on the exhibit.



Router R5 is advertising the three loopbacks prefixes shown in OSPFv3. The following command is executed on router R1:
R1# configure router ospf3 area 0 area-range FD00:11:11:5000:764.

Which of the following is TRUE regarding the OSPFv3 LSDB on R6?

A. Router R6 will have a single Router LSA that describes the summary prefix.

B. Router R6 will have three Router LSAs - one to describe each loopback prefix.

C. Router R6 will have a single Inter-Area Prefix LSA to describe the summary prefix.

D. Router R6 will have three Inter-Area Prefix LSAs - one to describe each loopback prefix.

E. Router R6 will not have any LSAs to describe the loopback prefix or the summarized prefix.

ANSWER: C

QUESTION NO: 6

What must be configured on the Nokia 7750 SR for RIP to advertise locally attached links?

A. A policy statement within the router identifying what is to be advertised

B. Access-lists denoting what is to be advertised

C. Default metrics for each link

D. A group and neighbor statement for each peer

ANSWER: A

QUESTION NO: 7

Click on the exhibit.

```
*A:R2# show router ospf database 1.1.1.1 detail

===============================================================================
OSPF Link State Database (Type : All)(Detailed)
===============================================================================
-------------------------------------------------------------------------------
Network LSA for Area0.0.0.0
-------------------------------------------------------------------------------
Area Id          : 0.0.0.0              Adv Router Id    : 10.10.10.3
Link State Id    : 1.1.1.1 (16843009)
LSA Type         : Network
Sequence No      : 0x80000002           Checksum         : 0x3991
Age              : 97                   Length           : 36
Options          : E
Network Mask     : 255.255.255.0        No of Adj Rtrs   : 3
Router Id (1)    : 10.10.10.3           Router Id (2)    : 10.10.10.2
Router Id (3)    : 10.10.10.6
===============================================================================
```

Which router is the designated router for the broadcast network?

A. 10.10.10.2

B. 10.10.10.3

C. 10.10.10.6

D. There is not enough information given to determine the designated router.

ANSWER: B

QUESTION NO: 8

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

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: 9

Click on the exhibit.

```
*A:R3>config>router>isis# show router route-table 10.10.10.1/32

===============================================================================
Route Table (Router: Base)
===============================================================================
Dest Prefix[Flags]                                Type    Proto    Age         Pref
      Next Hop[Interface Name]                                      Metric
-------------------------------------------------------------------------------
10.10.10.1/32                                     Remote  ISIS     00h00m01s   15
       10.1.3.1                                                        10
-------------------------------------------------------------------------------
No. of Routes: 1
Flags: L = LFA nexthop available    B = BGP backup route available
       n = Number of times nexthop is repeated
===============================================================================
```

The operator of an IS-IS network wishes to have link metrics dynamically calculated in the same manner as OSPF. The router with system address 10.10.10.1 is one hop away on a 1 Gbps link Which of the following is correct?

A. The router is correctly configured.

B. A reference-bandwidth is not configured on the router.

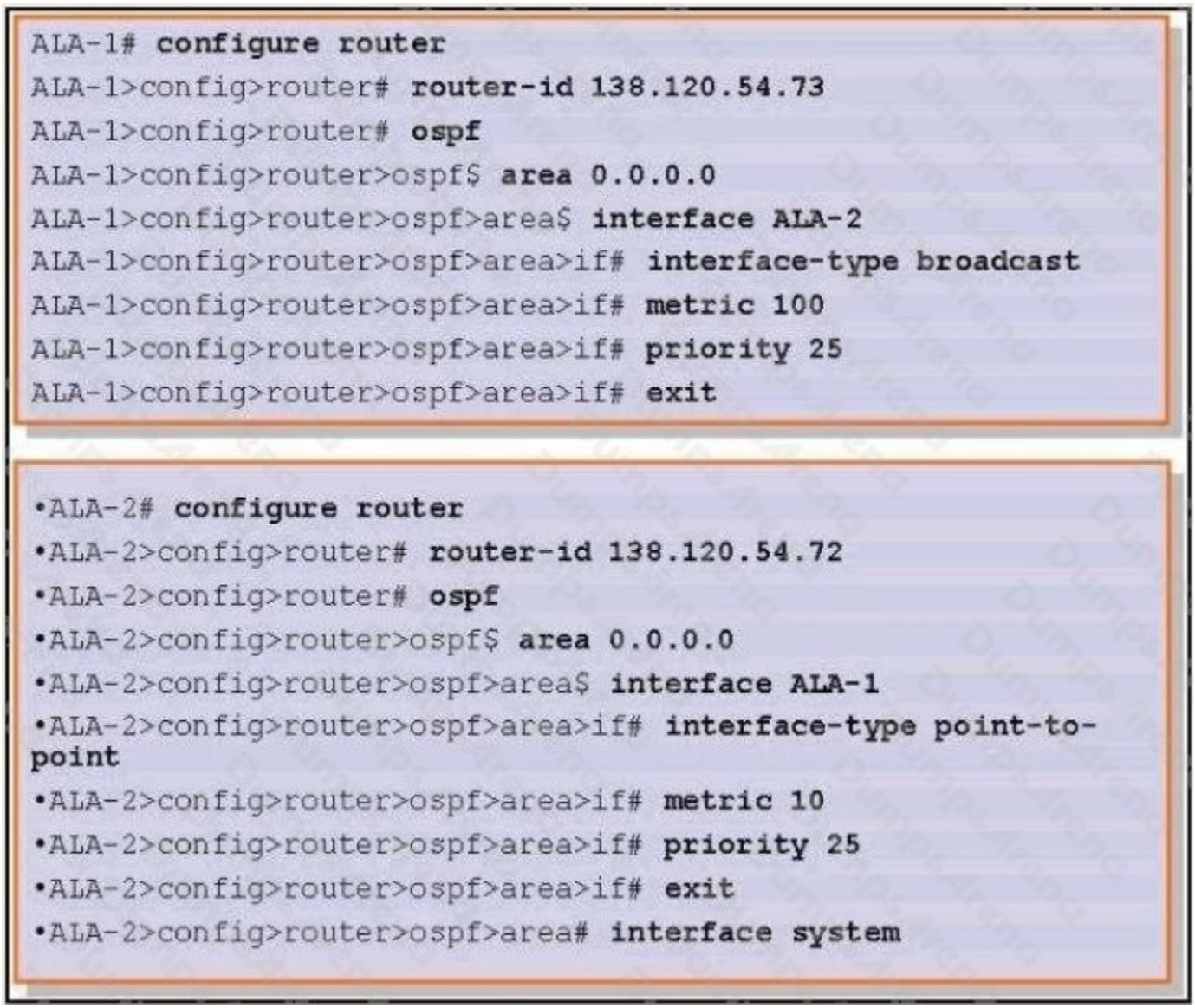
C. A reference-bandwidth is configured on the router but wide-metrics is not.

D. The interface metric must be manually configured to 100.

ANSWER: B

QUESTION NO: 10

Exhibit



Given the two configurations shown, identify the two incorrect statements below: (Choose two.)

A. Both routers will generate OSPF Hello packets.

B. The system interface is missing in one configuration so OSPF will not operate correctly.

C. The interface type settings differ, but OSPF will still operate correctly.

D. Metric values differ, but this does not prevent OSPF operation.

ANSWER: B C

QUESTION NO: 11

A static route is created using the command "static-route 2.3.4.0/24 next-hop 1.2.3.4". What is the correct traceroute command to test this static route on an Nokia 7750 SR?

A. traceroute 2.3.4.1

B. traceroute 2.3.4.0/24 next-hop 1.2.3.4

C. traceroute next-hop 1.2.3.4

D. traceroute does not work on the Nokia 7750 SR

ANSWER: A

QUESTION NO: 12

Which of the following statements describe the major features of OSPF? (Choose two.)

A. Fast reroute capability

B. Control traffic prioritization

C. Route redistribution

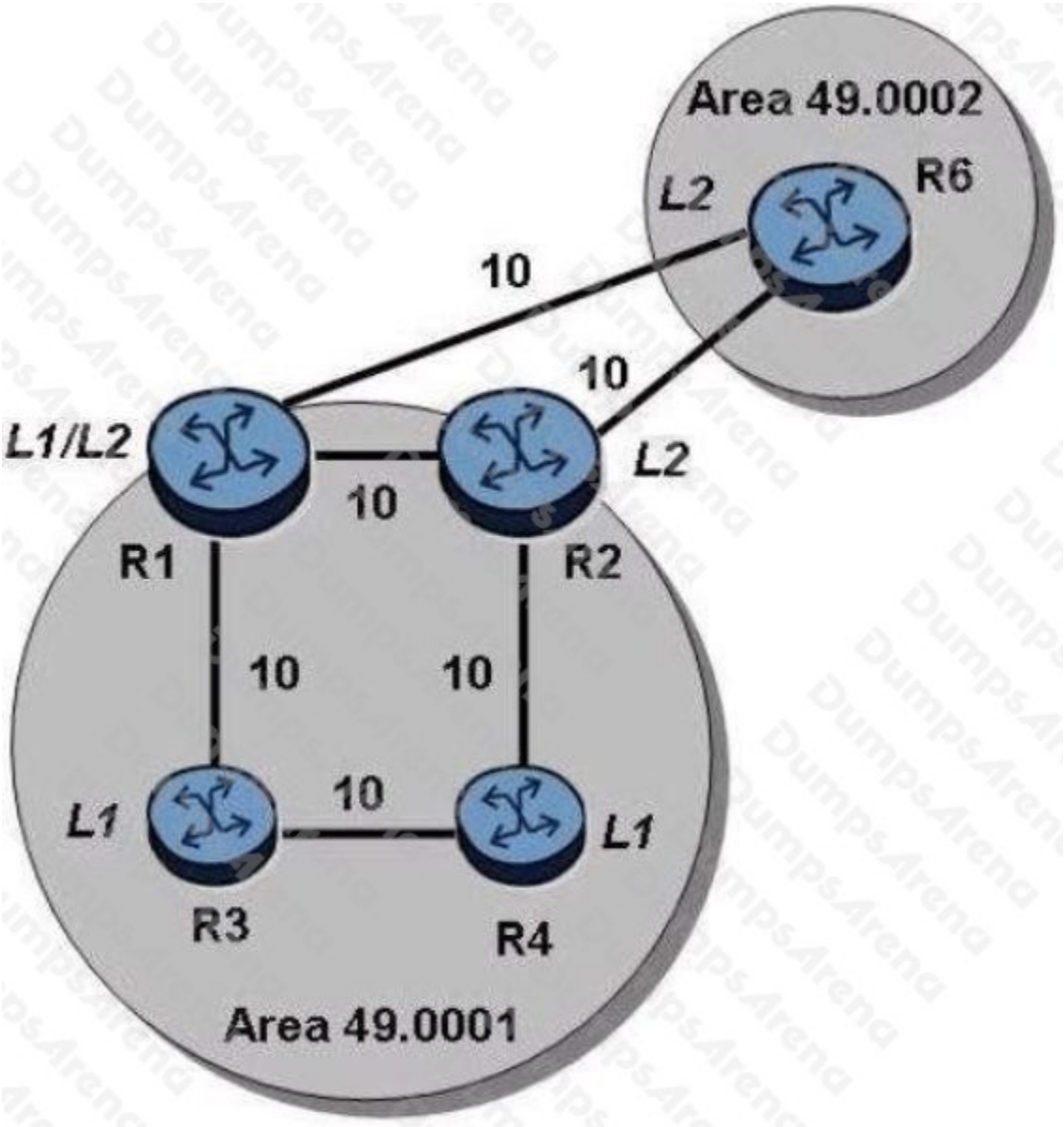
D. Traffic engineering extensions

E. Cut through forwarding

ANSWER: C D

QUESTION NO: 13

Click on the exhibit.



Examine the physical topology of the IS-IS network, the metrics of the links and the levels of the routers. All routers have a system address included in IS-IS.

Which of the following describes the route that router R4 will use to reach the system address of router R6?

A. Router R4 will have a route to router R6's system address with router R2 as the next-hop.

B. Router R4 will have a default route with router R2 as the next-hop.

C. Router R4 will have a default route with router R3 as the next-hop.

D. Router R4 will not have a route to router R6's system address, nor will it have a default route.

ANSWER: C

QUESTION NO: 14

Which of the following OSPF area types are supported by the Nokia 7750 SR? (Choose two.)

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: 15

What causes an adjacency to change from "Init" to "Two Way"?

A. When a Link State Update is received in response to a Link State Request

B. When a router receives a Hello packet from a neighbor that contains its router id in the neighbor list

C. When OSPF neighbors exchange Database Descriptor packets

D. When a Link State Acknowledgement is received in response to a Link State Update

ANSWER: B