



4A0-101^{Q&As}

Alcatel-Lucent Interior Routing Protocols and High Availability

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QUESTION 1

Two IS-IS routers are exchanging Hello packets with different authentication types. Which of the following is TRUE?

- A. Different authentication types are not possible because IS-IS only supports password authentication.
- B. An adjacency will not be formed.
- C. The two routers negotiate the authentication type and then reach the up state.
- D. Only an L2 adjacency will form, as long as both routers are L2 capable.

Correct Answer: B

QUESTION 2

Click the exhibit button.

Exhibit 4.3.h

•OSPF Version : 2	•OSPF Version : 2
•Router Id : 13.0.0.2	•Router Id : 13.0.0.1
•Area Id : 0.0.0.0	•Area Id : 0.0.0.0
•Checksum : 7c0e	•Checksum : 865a
•Authentication : Null	•Authentication : Null
•Authentication Key: 00 00 00 00 00 00 00 00 00	•Authentication Key: 00 00 00 00 00 00 00 00
•Packet Type : DB_DESC	•Packet Type : DB_DESC
•Packet Length : 32	•Packet Length : 32
•	•
•Interface MTU : 9000	•Interface MTU : 9000
•Options : 000042	•Options : 000042
•Flags : 7	•Flags : 7
•Sequence Num : 77793	•Sequence Num : 75667

The OSPF packets shown have been exchanged between two neighbors. What state is the OSPF adjacency in?

- A. The adjacency state is two way because both routers have received a database description packet.
- B. The adjacency is in the exchange state. The next step is to exchange link state request and link state update packets.
- C. The adjacency is in the ex start state. The routers have exchanged database description packets, but still have to negotiate the starting sequence number.
- D. The adjacency state is full. The routers are exchanging database description packets to notify each other that all link state advertisements have been received.



Correct Answer: C

QUESTION 3

Click the exhibit button.

•OSPF Version : 2	•OSPF Version : 2
•Router Id : 13.0.0.2	•Router Id : 13.0.0.1
•Area Id : 0.0.0.0	•Area Id : 0.0.0.1
•Checksum : e98c	•Checksum : e98c
•Authentication : Null	•Authentication : Null
•Authentication Key: 00 00 00 00 00 00 00 00	•Authentication Key: 00 00 00 00 00 00 00 00
•Packet Type : HELLO	•Packet Type : HELLO
•Packet Length : 48	•Packet Length : 48
•	•
•Network Mask : 255.255.255.252	•Network Mask : 255.255.255.252
•Hello Interval : 10	•Hello Interval : 10
•Options : 02	•Options : 02
•Rtr Priority : 1	•Rtr Priority : 1
•Dead Interval : 40	•Dead Interval : 40
•Designated Router : 0.0.0.0	•Designated Router : 0.0.0.0
•Backup Router : 0.0.0.0	•Backup Router : 0.0.0.0

Two neighboring OSPF routers have exchanged the packets shown. What state is the adjacency in?

- A. Full; both routers are exchanging Helios to maintain the adjacency.
- B. The adjacency is down.
- C. The adjacency is in exstart state.
- D. The adjacency is in the exchange state.

Correct Answer: C

QUESTION 4

What command could be used to verify proper configuration of a static route in an Alcatel- Lucent 7750 SR router?

- A. Show route-table
- B. Show router routing-table
- C. Show router route-table



D. Show static

Correct Answer: C

QUESTION 5

Which function or component of the Alcatel-Lucent 7750 SR is in charge of supporting dynamic routing protocols and constructing the routing table?

A. IOM

B. CPM

C. FIB

D. SPF

Correct Answer: B

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